FEDERAL SECURITY AGENCY
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PUBLIC HEALTH SERVICE
LEONARD A. SCHEELE, SURGEON GENERAL

# VITAL STATISTICS OF THE UNITED STATES

1948

### PART I

NATALITY AND MORTALITY DATA FOR THE UNITED STATES
TABULATED BY PLACE OF OCCURRENCE WITH
SUPPLEMENTAL TABLES FOR HAWAII
PUERTO RICO, VIRGIN ISLANDS
AND ALASKA

PREPARED UNDER THE SUPERVISION OF HALBERT L. DUNN, M. D. Chief, National Office of Vital Statistics

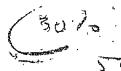
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### VITAL STATISTICS OF THE UNITED STATES

### PART 1. GEOGRAPHIC CLASSIFICATION BY PLACE OF OCCURRENCE

### Introduction

This volume—Vital Statistics of the United States, Part I—contains official natality, mortality, stillbirth, life table, marriage, and divorce statistics for the calendar year 1948. Supplemental tabulations for Hawaii, Puerto Rico, the Virgin Islands, and Alaska are also included. Although tests of completeness of birth and death registration in Alaska have not been made, it is believed that the reported statistics are useful and deserve publication.

Except for certain text tables, the data in this volume are classified by place of occurrence of vital events. Part II of this annual report series presents detailed statistics of live births and stillbirths by place of residence of the mother of the child, and of deaths by place of residence of the decedent.

### SOURCE OF DATA

#### Birth, death, and stillbirth statistics

All live birth, death, and stillbirth tabulations made by the National Office of Vital Statistics are based on information from transcripts or microfilm copies of the original certificates. They are received from registration offices of all States, certain cities, the District of Columbia, and of most of the outlying territories and possessions of the United States. The form and content of the original certificates are determined by each registration office and, therefore, vary in certain details. However, they conform very closely in most essential respects to the recommended standard certificates.

#### Diseases for United States

Marriage tabulations are based on reports from registration offices of some States, from local officials of others, from the District of Columbia, and from most of the outlying territories and possessions of the United States. For States or areas from which no data on marriages are available, marriage licenses are used as the nearest approximation to the number of marriages.

Divorce statistics are based on annual reports from registration offices of some States and from other sources in a few States, with annulments included in some reports. No figures on divorces and/or annulments are available from a varying number of States each year. Divorce totals for the United States, as well as for several States, are estimated. 2

'For discussion of annulments, see "Underreporting of annulments" and table 6 in "Provisional Marriage and Divorce Statistics: United States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 31, No. 16, pp. 223 and 226, 1949.

<sup>2</sup>For further explanation of source of data and methods of estimating State and national figures, ibid., pp. 226-227.

HISTORY

Death-Registration States, 1900-1950

The first birth and death statistics published by the Federal Government concerned events in 1850 and were for the entire United States. These statistics were based on information collected during the decennial census of that year. Similar decennial collections were made by census enumerators at each census up to and including the census of 1900, but because of the time interval between the occurrence of a birth or a death and the census enumeration, these reports were inaccurate and incomplete. In 1880, the Bureau of the Census established a national "registration area" for deaths. This original area consisted of only two States—Massachusetts and New Jersey-the District of Columbia, and several large cities having efficient systems for the registration of deaths, but by 1900 eight other States had been admitted. For the years 1880, 1890, and 1900, mortality data were received from the States and cities included in this expanding area, but birth and death figures for the entire country were still compiled from the reports of census enumerators.

The annual collection of mortality statistics for the registration area began with the calendar year 1900. In 1902, the Bureau of the Census, which had previously functioned only in census years, was made a permanent agency by an act of Congress. This act authorized the Director of the Bureau of the Census to obtain, annually, copies of records filed in the vital statistics offices of those States and cities having adequate death-registration systems. At that time not all States had enacted laws requiring the registration of deaths, and in many States the existing laws were poorly enforced. The important dates in the historical development of birth and death registration in various States and the year in which each State was admitted to the national registration areas are given in table A.

The death-registration area for 1900 consisted of 10 States, the District of Columbia; and a number of cities located in nonregistration States. The registration area in 1900 included 40.5 percent of the population of the continental United States. The original registration area was predominantly urban and characterized by a high proportion of white persons. If those reporting cities located in nonregistration States are excluded, the population coverage of the death-registration States is much lower, representing 26.2 percent of the total population of the United States.

Inasmuch as it is more difficult to obtain accurate and complete registration of births as compared with deaths, the national birth-registration area was not established until 1915, and no birth statistics were published by the Bureau of the Census from 1900 to 1914. The original birth-registration area of 1915 consisted of 10 States and the District of Columbia. The growth of this area is indicated in tables A and B.

The gradual increase in number of both the birth- and death-, registration States is shown in table B, which presents for

each year through 1933 the estimated midyear population of the continental United States and the estimated midvear population of those States included in the registration system. Since 1933, the birth- and death-registration areas have included all 48 States.

Prior to 1940, most of the national mortality tabulations published by the Bureau of the Census were based on data collected from the registration areas, but beginning with 1940 all published material given in statistical series for the United States prior to the completion of the death-registration area in 1933 omits data for registration cities located in nonregistration States, and includes only findings for the registration States. This change decreases the mortality statistics coverage of the United States by the exclusion of cities in nonregistration States, but it has its advantages in that more reliable population estimates are available for the registration States than for the registration areas. No change in cov-

TABLE A. — IMPORTANT DATES IN THE HISTORY OF BIRTH AND DEATH REGISTRATION:
UNITED STATES

UNITED STATES								
AREA	FIRST STATE REGISTRACTION LAW ENACTED		ENACT - MENT MENT FORS- ENT LAW (MODEL OR CON- FORM- ING TO MODEL LAW)	RISCORI WILE ENTIRE	FOR	ADMITTED TO REGISTRATION AREA		
	Deaths	Births	Deaths and births	Denths	Births	Deaths	Births	
	-001	2002	2020	1000	2000	1.925	1927	
AlabamaArizona	1881 1909	1881 1909	1919 1909	1908 1909	1908 1909	1925	1926	
Arkansas	1881	1881	1913	1914	1914	1927	1927	
California	1858	1877	1915	1905	1905	1906	1919	
Colorado	1876	1876	1907	1907	1907	1906	1928	
Connecticut	1852	1852	1905	1897	1897	1990	1915	
Delaware	1.861	1861	1913	1881	1881	1919	1921	
District of Columbia-	1874	1871	1907	1855	1871	1880	1915	
Ployddo	1899	1899	1915	1877	1865	1919	1924	
Georgia	1875	1823	1927	1919	1919	1928	1928	
Idaho	1907	1907	1911	1911	1911	1922	1926	
Illinois	1877	1877	1915	1916	1916 1907	1918 1900	1922 1917	
IndianaIowa	1881 1880	1907 1880	1913 1921	1900 1880	1890	1923	1924	
10M8	1000	1000	1561	1000	1030	*****	1	
Kansas	1885	1885	1911	1911	1911	1914	1917	
Kentucky	1851	1851	1911	1911	1911	1911	1917	
Louisiana	1855	1855	1918	1889	1870 1892	1918 1900	1927 1915	
Maine	1821 1880	1821 1880	1892 1912	1892 1898	1898	1906	1916	
Maryland Massachusetts	1840	1840	1903	1850	1850	1860	1915	
Michigan	1867	1867	1925	1867	1867	1900	1915	
	l	1870	1907	1900	1900	1910	1915	
Minnesota	1870 1878	1870	1907	1912	1912	1919	1921	
Mississippi Missouri	1891.	1891	1909	1910	1910	1911	1927	
Montane	1895	1895	1907	1907	1907	1910	1922	
Nebraska	1905	1905	1927	1905	1905	1920	1920	
Nevada	1911	1911	1929	1911	1911	1929	1929	
New Hampshire	1850	1.850	1891	1881	1881	1890	1915	
New Jersey	1848	1848	1920	1848	1848	1880	1921	
Nev Mexico	1907	1907	1929	1919	1919	1929	1929	
New York	1847	1847	1913	1880	1880	1890	1915	
North Carolina	1877	1977	1913	1914	1914	1916	1917	
North Dakota	1899	1899	1907	1908	1908 1909	1924	1924	
Ohio	1867 1907	1867 1907	1908 1917	1909 1917	1909	1928	1928	
Oklahcma	1301	1.507	1 .					
Orogon	1903	1903	1915	1903	1903	1918	1919	
Pennovlyania	1851	1851	1905	1906	1906 1852	1906 1890	1915	
Rhode Island	1850	1850 1878	1911	1852 1915	1915	1916	1923	
South Carolina South Dakota	1878 1905	1905	1914	1905	1905	1930	1932	
Tennessee	1881	1881	1913	1914	1924	1917	1927	
Техая	1873	1873	1927	1903	1903	1933	1933	
		1898	1905	1905	1905	1910	1917	
Vermont	1898 1856	1856	1905	1857	1857	1890	1915	
Virginia	1853	1853	1912	1912	1912	1913	1917	
Washington	1891	1891	1907	1907	1907	1,908	1917	
West Virginia	1866	1866	1921	1917	1917	1.925	1925	
Wisconsin	1852	1852	1907	1850	1840	1908	1917	
Wyoming	1,907	1907	1907	1909	1909	1922	1922	
Hewaii				1896	1696	1917	1929	
Puerto Rico				1899	1899	1932	1943	
Virgin Islands				1919	1919	1924	1924	

erage has been made for natality statistics since the birthregistration area at no time included cities in nonregistration States.

Because of the growth of the areas for which data have been collected and tabulated, it is impossible to obtain a national series of geographically comparable data prior to 1933. However, rates for the expanding groups of registration States are approximations to complete national rates, and general comparisons over a long period of years are made. More exact trends for parts of the United States can be secured through the use of some constant area, such as the original registration States, or the registration States of 1920. The crude birth and death rates, infant mortality rates, and stillbirth ratios for the registration States, the geographic divisions, and the individual States for a series of years are given in tables I through VIII. Rates or ratios by place of occurrence and place of residence are given in separate tables.

TABLE B. - GROWTH OF THE BIRTH- AND DEATH-REGISTRATION AREAS: UNITED STATES (Beginning with 1933 and each succeeding year, areas include entire continental United States)

		D TOTOL	REGISTRATION S	PAPPE	DE ATH_E	REGISTRATION S	PATTER	
Estimated midyear population of		Number	Estimated m	ıidyear	Number	Estimated midyear population		
	continental United States <sup>1</sup>	of States	Number	Per- cent of total	of States	Number	Per- cent of total	
1933-	125,578,763	48	125,578,763	100.0	48	125,578,763	100.0	
1932-	124,840,471	47	118,903,899	95.2	47	118,903,899	95.2	
1931-	124,039,648	46	117,455,229	94.7	47	118,148,987	95.3	
1930-	123,076,741	46	116,544,946	94.7	47	117,238,278	95.3	
1929-	121,769,939	46	115,317,450	94.7	46	115,317,450	94.7	
1928-	120,501,115	44	113,636,160	94.3	44	113,636,160	94.3	
1927-	119,038,062	40	104,320,830	87.6	42	107,084,532	90.0	
1926-	117,399,225	35	90,400,590	77.0	41	103,822,683	88.4	
1925-	115,831,963	33	88,294,564	76.2	40	102,031,555	86.1	
1924-	114,113,463	33	87,000,295	76.2	39	99,318,098	87.0	
1923-	111,949,945	30	81,072,123	72.4	38	96,788,197	86.5	
1922-	110,054,778	30	79,560,746	72.3	37	92,702,901	84.2	
1921-	108,541,489	27	70,807,090	65.2	34	87,814,447	80.9	
1920-	106,466,420	23	63,597,307	59.7	34	86,079,263	80.9	
1919-	104,512,110	22	61,212,076	58.6	33	83,157,982	79.6	
1918-	103,202,801	50	55,153,782	53.4	30	79,008,412	76.6	
1917-	103,265,913	20	55,197,952	53.5	27	70,234,775	68.0	
1916-	101,965,984	11	32,944,013	32.3	26	66,971,177	65.7	
1915-	100,549,013	10	31,096,697	30.9	24	61,894,847	61.6	
1914-	99,117,567				24	60,963,309	61.5	
1913-	97,226,814				23	58,156,740	59.8	
1912-	95,331,300				22	54,847,700	57.5	
1911-	93,867,814				22	53,929,644	57.5	
1910-	92,406,536				20	47,470,437	51.4	
1909-	90,491,525				18	44,223,513	48.9	
1908~	88,708,976				1.7	38,634,759	43.6	
1907-	87,000,271				15	34,552,837	39.7	
1906-	85,436,556				15	33,782,268	39.5	
1905-	83,819,666				10	21,767,980	26.0	
1904-	82,164,974				10	21,332,076	25.0	
1903-					10	20,943,222	26.0	
1902-					10	20,582,907	26.0	
1901					10	20,237,453	26.1	
1900-				<del>-</del>	10	19,965,446	26.2	
1890-	162,947,714				8	19,659,440	31.2	
1880-	150,155,783				2	0,538,366	17.0	

1Population enumerated in the Federal census of May 31.

NOTE. — In every year the District of Columbia is in both areas but is not included in the "Number of States."

#### Major Cardiovascular-Renal

The earliest Federal statistics on marriages and divorces in the United States were collected in a field survey by the Commissioner of Labor, covering the 20-year period 1867 to 1886. A survey covering the next 20 years, and single-year collections for 1916 and for each year from 1922 to 1932 were made by the Bureau of the Census. In all these studies, marriage statistics were confined to numbers of occurrences, by county, with considerable incompleteness for the first 20 years. Divorce data were considered practically complete, and included detailed statistics on such items as legal grounds ("causes"), duration of marriage prior to divorce, etc.

In 1940, the Bureau of the Census, through its Vital Sta-

tistics Division, 'undertook a new program of marriage and divorce statistics, following the pattern used for birth and death statistics. Transcripts of marriage and divorce records were collected, chiefly from those States which could provide them through their State offices of vital statistics. For the first time, the Federal program provided some detailed statistics on marriages, more than mere numbers of occurrences. However, the data were for fewer than 30 States. Some detailed statistics on divorces were obtained for 6 to 12 States. Marriage data for 1939 and 1940 were published, as well as divorce data for 1939. This program was discontinued, owing to war conditions. Meanwhile, numbers or estimated numbers of occurrences by State were obtained and published for the years 1937 to 1940.

Beginning in 1944, the Bureau of the Census, at first through its Population Division and later through its Vital Statistics Division, resumed efforts to provide numbers of occurrences. This program has been continued by the former Vital Statistics Division, designated the National Office of Vital Statistics since its transfer to the Public Health Service in 1946.<sup>3</sup> In addition to numbers of occurrences, some detailed data for a group of States are being compiled for 1948.

Table C summarizes some of the preceding discussion, and shows the source of the 1867 to 1948 national marriage and divorce totals.

#### METHOD OF CLASSIFICATION

#### Malignant Neoplasms

The geographic code<sup>4</sup> used in the tabulation of live birth. stillbirth, and death data published in this report gives a separate identifying number to each city having, in 1940, a population of 10,000 or more, and to certain towns, townships, and districts which under special rules are classified as urban. The places classified as urban under special rules are of two types. One type is limited to the States of New Hampshire, Massachusetts, and Rhode Island. It is made up of towns (townships) in which there is a village or thickly settled area having more than 2,500 inhabitants and comprising, either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town. In this report, only those towns of this type having 10,000 inhabitants or more are shown. A second type is made up of townships and other political subdivisions (not incorporated as municipalities, nor containing areas so incorporated) with a total population of 10,000 or more and a population density of 1,000 or more per square mile. The geographic code also gives a separate number to each county. Although villages and cities having populations of less than 10,000 are not individually identified, urban places of 2,500 to 10,000 as a group and the remainder of the county (places under 2,500 and rural area) are tabulated separately. The classification of urban places used in the 1948 tabulations was based on their populations enumerated in the 1940 census, as of April 1.

The annual birth and death data prior to 1930 were tabulated in two groups: (1) urban places of 10,000 inhabitants or more and (2) urban places with fewer than 10,000 inhab-

\*\*Sfor specific references to published reports of earlier surveys, see "Historical note on earlier studies" and footnotes in "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 27, No. 10, pp. 171-172, 1947.

<sup>4</sup>National Office of Vital Statistics, "Instruction Manual, Part IV, Geographic Code," geographic classification used in coding and tabulating vital statistics data, 1947 edition, 272 pp.

TABLE, C. - SOURCE OF UNITED STATES MARRIAGE AND DIVORCE TOTALS, 1867-1948

		<u> </u>
YEAR	Source of marriage totals	Source of divorce totals
1867-86	Estimates published in 1947 by National Office of Vital Sta- tistics, from incomplete data of survey by Commissioner of Labor, published in 1899.	Figures collected (with detailed data) by Commissioner of Labor, published in 1889.
1887-1906	Estimates published in 1947 by National Office of Vital Sta- tistics, from data of mearly complete survey by Bureau of the Census, published in 1908- 1909.	Figures collected (with detailed data) by Euresu of the Census, published in 1908-1909.
1907-15	Estimates published in 1928 by Bureau of the Census, from rec- ords of selected States.	(Some as marriage.)
1916	Figures collected by Bureau of the Census, published in 1919.	Figures collected (with detailed data) by Bureau of the Census, published in 1919.
1917-21	Estimates published in 1928 by Bureau of the Census, from rec- ords of selected States.	(Seme as marriage.)
1922-52	Figures collected each year and published in annual reports by Bureau of the Census.	Figures collected (with detailed data) each year and published in annual reports by Bureau of the Census.
1933-36	Estimates by S. A. Stouffer and L. M. Spencer (American Journal of Sociology, January 1939); also includes 1937 estimates, not used here.	(Same as marriage.)
1937-40	Estimates published in 1942 by Bureau of the Census, from nearly complete survey.	(Same as marriage.)
1941-43	Estimates published in 1946 by National Office of Vital Sta- tistics, from records of se- lected States.	(Some as marriage.)
1944-48	Figures published amusally by National Office of Vital Sta- tistics, from surveys of States and of selected counties.	Estimates published annually by Nutional Office of Vital Sta- tistics, from records of se- lected States.

itants and rural areas. These population-size groupings do not correspond with those defined as urban and rural in the 1910, 1920, 1930, and 1940 population censuses. Therefore, in order to give annual data that could be more closely related to the population data, it was necessary to further divide the data into two groups: (1) wrban places with populations between 2,500 and 10,000 and (2) rural areas. By combining the urban places of 2,500 to 10,000 with urban places of 10,000 or more, figures could be obtained for urban places that were comparable with those of the 1930 and 1940 population censuses. Also, by combining data for urban places having populations between 2,500 and 10,000 with the rural figures, data comparable with those for places under 10,000 and rural areas as given in the vital statistics reports prior to 1930 could likewise be obtained.

Most of the natality and mortality tables published for the years 1930 to 1941 show at least three population-size groupings: urban places with populations of 10,000 or more, urban places with populations between 2,500 and 10,000, and rural areas; but some tables show the simple classifications "Urban" and "Rural." In those instances where the dichotomous classification is shown, "Rural" included all areas except urban places of 10,000 inhabitants or more. In the present volume the terms "Urban" and "Rural" refer to areas as defined by the population census of 1940, that is, urban places having 2,500 inhabitants or more and rural areas, respectively.

#### Classification by race

Births and deaths are classified in detail by white, Negro, Indian, Chinese, Japanese, and a residual group of numerically minor races. In most tables such an extended classification is not justified and the racial divisions are "White," "Negro," and "Other." In tables where the main purpose is to isolate the major group, the classifications are simply "White" and "Nonwhite."

#### International List of Causes of Death

The data in the mortality reports published by the National Office of Vital Statistics are tabulated according to the numbers and titles of the detailed International List of Causes of Death. The International List is revised decennially in order that the terminology by which deaths are classified may be consistent with advances in medical science and changes in diagnostic practice. The tabulations for 1948 are classified according to the fifth revision of the International List of Causes of Death adopted by the International Commission, which met in Paris in October 1938. Complete titles of this list, with the official numbers and subdivisions, are given in table IX

In some tables it was necessary, because of space limitations, to abbreviate cause-of-death titles or to indicate the composition of groups of causes by giving only the list numbers. In such cases, reference may be made to table IX or to the 1938 revision of the "Manual of the International List of Causes of Death and Joint Causes of Death" for the complete titles. The manual also gives the main diseases or conditions included under each title.

#### Joint Causes of Death

A large proportion of the death certificates filed annually in the United States report two or more diseases or conditions as causes of death. These multiple conditions or diseases are known as joint causes of death. General statistical practice requires that cases involving more than one cause of death be charged to a single cause rather than to a combination of causes, and it is necessary to employ a selection process to determine the one cause to be assigned. The method of selection used has an important effect upon the resulting statistics.

In the French edition of the International List (1900) which was adopted by the United States Government in 1902, certain principles for determining the single cause to be selected from the joint causes given were incorporated as a part of the general classification scheme. As an outgrowth of practices in this country following 1902, definite relationships among the various conditions represented by items in the International List were put into concrete form in the "Manual of Joint Causes of Death," first published in 1914, and revised in 1925 and 1933 to conform with successive revisions of the International List. The Manual of Joint Causes of Death used in conjunction with the fifth revision of the International List and published as a single volume is practically identical with that of 1933 with the exception of alterations required by changes in the International List itself. Changes in the Manual of Joint Causes of Death have been kept to a minimum, since changes in these relationships tend to disrupt statistical continuity.

#### Nativity classification

Early mortality reports published by the Bureau of the Census contained extensive tables showing nativity of the parents as well as nativity of the decedent, but the publication of these tables was discontinued in 1933. Mortality data showing nativity of decedent were again published in the annual reports for 1939 to 1941, when comparable population figures were available. These tables were discontinued in 1942. In the reports on birth statistics prior to 1937 more emphasis was placed upon country of birth of parents. Detailed tables showing specific country of birth of mother and of father, as well as more abridged classifications, have been published for each year through 1936. These data have been of historical importance in tracing the changing composition of the population of the United States. In recent years, however, the

number of births to foreign-born parents has become a relatively small proportion of the total. Accordingly, since 1937, birth tables showing nativity of parents have been eliminated or abridged. A continued decrease in the proportion of births to foreign-born parents has justified decreased emphasis on this classification.

#### QUALIFYING FACTORS

While the data in this volume are useful for a variety of administrative and scientific purposes, they cannot be correctly interpreted unless cognizance is taken of various qualifying factors. Obviously the factors to be considered depend upon the specific purposes for which the data are to be used. It is not feasible to catalog all of the pertinent factors in the use of vital statistics tabulations, but a few of the more important should be mentioned.

Most of the factors limiting the use of vital statistics data arise from imperfections in the original material or from the impracticability of tabulating or using these data in very detailed categories. These defects should not be ignored, yet their existence does not vitiate the value of the data for most general purposes. Analysis of small differences or exact evaluation and interpretation of vital statistics requires careful study of many related elements. However, the trend of crude birth, death, marriage, and divorce rates, the increase or decrease in the number of deaths from selected causes, and the major differences in rates among States, are all facts that will not be materially changed by finer analysis.

In order to draw conclusions or inferences from differences between rates, it is necessary, particularly for areas of small populations, to take into account the number of births, deaths, marriages, or divorces on which these rates are based. Although all of the rates presented have been computed without regard to the size of the numbers involved, caution should be exercised in the interpretation of those based on small numbers since they are subject to variation in proportion to their magnitude. In all such cases, a test of statistical significance should always be applied before making even a tentative deduction from rate differences. Although it would be desirable to introduce into these tables statistical measures of significance, it was not deemed practicable to do so as the required degree of statistical reliability would differ with the uses of the data. A discussion of this problem, and a simple statistical test of significance, may be found in "The Registrar-General's Statistical Review of England and Wales."5

#### Place of residence

Official national birth and death statistics and those published by most State and city agencies were once compiled according to the place of birth or death. Under this system of tabulation, the data are tabulated by the city, county, or State in which the birth or death occurred, irrespective of the usual place of residence of the mother of the child, or the usual place of residence of the decedent.

The difficulties involved in interpreting data obtained by this method of tabulation can be understood by considering the effect of movement of people on death rates. For example, the hospital facilities in a city may attract patients from surrounding areas and, as a result, many of the deaths occurring in this city will not be deaths of residents of this city. The enumerated population of the city does not, under such conditions, represent the number of persons exposed to the risk of death; and the death rate does not accurately describe the mortality conditions of this particular city.

 $<sup>^5</sup>$  "The Registrar-General's Statistical Review of England and Wales, 1937," pp. 18-24, H. M. S. O., London, 1940.

A more correct figure is obtained by reallocating all deaths to the place of residence. Since there are many causes contributing to the movement of patients to some area other than their usual place of residence, it cannot be assumed that the direction of the movement is always from the rural to the urban areas. Similar nonresident factors affect the interpretation of birth statistics based upon place of occurrence. In order to determine the direction or the magnitude of the differences between rates based on births or deaths according to place of occurrence and those compiled according to place of residence, it is necessary to examine tabulations on both bases.

Most of the data given in this volume are tabulated according to place of occurrence, therefore, figures for individual cities and counties or for population groups frequently do not give an accurate indication of relative health and fertility conditions. However, for a larger area such as a State, the tabulations compiled on the two bases do not usually show a substantial difference. The tabulations by place of occurrence and by place of residence are identical for the total United States, because births and deaths of United States residents occurring outside the country and of foreign residents occurring in the country are not reallocated to country of residence.

A discussion of the differences between recorded and resident figures, with summary tables, will be found on pages XIII to XVII. Detailed tabulations of births and deaths by place of residence are given in "Vital Statistics of the United States, Part  $\Pi$ ."

All statistics of marriages and divorces shown in this volume have been tabulated by place of occurrence, i.e., the place in which the marriage was performed or in which the divorce was granted. The detailed information required to allocate marriages and divorces to place of residence is not available.

#### Completeness of registration

Although every State has adopted a vital statistics law requiring the registration of all births and deaths, these laws are not uniformly observed. In most States where the registration organization is well established and where the persons responsible for filing certificates appreciate the value of registration to the individual as well as its value for statistical purposes, practically all births and deaths are registered. In other States, however, the underregistration is enough to affect the use of the tabulated data for certain purposes.

Detailed information on the completeness of death registration in each State is not available. One condition required for admission to the national registration areas was that there exist a demonstrated completeness of registration of at least 90 percent. Using this as a criterion, all of the States were admitted to the registration areas by 1933. Estimates of the completeness of registration by States, based on the comparison of vital statistics reports and enumerated census data, have been published elsewhere. It is believed that death registration is more complete than birth registration.

The first Nation-wide test of completeness of birth registration was made by the Bureau of the Census in 1940. The records of all births registered during a 4-month period—December 1939 and January, February, and March, 1940—were matched with those of infants under 4 months enumerated in the population census as of April 1, 1940, and with those of infants born during these 4 months whose deaths were regis-

<sup>6</sup>Whelpton, P. K., "The Completeness of Birth Registration in the United States," Journal of the American Statistical Association, vol. XXIX, No. 186, pp. 125-136, June 1934.

Association, vol. XXIX, No. 186, pp. 125-136, June 1934.
Wilcox, Walter F., "Introduction to the Vital Statistics of the United States, 1900-1930," pp. 80, 81, 1933.

tered as occurring prior to April 1, 1940. Altogether, nearly one and a half million records were received for the test,?

As a result of the matching process and subsequent field checks of the unmatched records, it was found that the registration of births in the United States was 92.5 percent complete. As may be seen from table D, which presents data by

TABLE D.—PERCENTAGE COMPLETENESS OF BIRTH HEGISTRATION BY RACE: UNITED STATES, RACH DIVISION AND STATE, DECEMBER 1, 1939 TO MARCH 31, 1940

AREA .	All races	White	Nonwhite
UNITED STATES	92.5	94.0	82.0
GEOGRAPHIC DIVISIONS			
New England	00.5	20.0	20.0
Middle Atlantic	98.6	98.6	96.9 95.4
East North Central	98.0	98.2	
West North Central	96.6	96.8 95.1	92.8
South Atlantic	94.9		86.1
East South Central	86.8	69.0	81.4
West South Central	85.9	86.9	83.1
Mountain	84-5	87.1	73.3
Pacific	91.5 97.8	93.7 98.0	56.2 94.9
NEW ENGLAND			-
Maine	96.1	96.3	163.2
New Hampshire	98.7	98.6	100.0
Vermont	97.3	97.3	100.0
Massachusetts	98.9	98.9	96.0
Rhode Island	98.8	98.8	1,100.0
Connecticut	99-4	99.4	97.9
MIDDLE ATLANTIC			
New York	98.7	98.8	96.3
New Jersey	99.0	99.0	
Pennsylvania	97.0	97.2	92.9
EAST NORTH CENTRAL			
Obio	95.2	95.3	93.7
Indiana	96.5	96.6	94.0
Illinois	96.9	97.3	90.6
Michigan	97.8	97.9	94.0
Wisconsin	96.9	96.9	93.2
WEST NORTH CENTRAL			
Minnesota		99.3	97.2
Iowa	99.3 94.6		190.1
Missouri	90.2	94.7 90.7	
North Dakota	94.7	94.6	82.7 95.2
South Dekote	95.4	96.6	79.8
Nebraska	96.9	97.0	93.1
Kensas	95.5	95.6	92.9
	55.0	30.0	72.5
SOUTH ATLANTIC Delaware	97.4	97.2	98.6
Mount and	97.1	97.8	94.1
District of Columbia	97.9	98.5	96.6
TIJI I	91.9	92.5	90.2
West Virginia	86.5	86.7	81.3
Worth Carolina	86.1	88.4	81.0
South Carolina	77.6	82.7	71-8
Georgia	81.3	83.6	77.6
Florida	89.9	91.3	85.4
		51.0	COLI
EAST SOUTH CÉNTRAL	89.2	89.2	07.0
Tennessee	89.2 80.4	89.2	87.6
Alabamai	85.0	81.4 86.4	75.1
Mississippi	89.8	93.8	82.4 86.2
WEST SOUTH CENTRAL		•	
Arkansas	75.9	79.6	63.2
Louisiana	86.1	B7.7	83.7
Oklahoma	84.8	87.0	66.9
Техая	86.5	89.3	68.7
MOUNTAIN			
Montana	97.6	98.0	91.1 179.3
Ideho	95.0	95.1	185.4
Wyoming	95.6	95.9	-00.4
Colorado	89.8	69.8	<sup>1</sup> 90.4
New Mexico	86.4	91.2	40.3
Arizona	84.4	93.8	48.4
Utah	96.6	97.1	159.6
Nevada	96.2	97.5	<sup>1</sup> 80.9
PACIĘIC			
Washington	97-8	98.0	88.7
Oregon	97-1	97.3	<sup>1</sup> 84.1
California	98.0	98-1.	³ 96 <b>.</b> 5

<sup>.1</sup>Percentage is based on fewer than 100 records.

<sup>&</sup>lt;sup>7</sup>Grove, Robert D., "Studies in Completeness of Birth Registration, Part I, Completeness of Birth Registration in the United States, December 1, 1939 to March 31, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 17, No. 18, 1943.

States and by race, there was great variation in the completeness of registration figures. The completeness of birth registration ranged from 75.9 percent in Arkansas and 77.6 percent in South Carolina to 99 percent or more in Connecticut, Minnesota, and New Jersey. Completeness of registration of births to white persons was 94.0 percent compared with 82.0 percent to nonwhite persons. The percentage of completeness for white births ranged from 79.6 percent in Arkansas to 99.4 in Connecticut. For nonwhite, completeness ranged from 40.3 percent in New Mexico to 98.7 percent in New Jersey. There were three States having a very small nonwhite population which showed 100 percent registration in the test.

The trend of the estimated percentage completeness of birth registration from 1935 to 1948, inclusive, for the entire United States, by race, is given in table E. These estimates are based on the results of the 1940 test and the indicated relationship between hospitalization and birth registration evidenced by that test.

Central registration of marriages and of divorces is not required in all States, and no comprehensive study of the completeness of marriage and divorce registration in the United States has ever been made.

TABLE B. —ESTIMATED PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY BACE: UNITED STATES, 1935-48

YEAR	PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION				
	All races	White	Nonwhite		
1948	95.5	97.1	85.9		
1947	95.5	97.0	85.3		
1946	95.1	96.7	84.4		
1945	94.5	96.3	83.3		
1944	94.1	96.0	82.7		
1943	93.9	95.6	82.3		
1942	93.5	95.3	819		
1941	92.8	94.5	81.6		
1940	92.3	94.0	91.3		
1939	91.9	93.6	91.1		
1938	91.6	93.4	8.08		
1957	91.3	93.1	80.4		
1936	91.1	92.8	90.2		
1935	90.7	92.4	79.9		

#### Crude rates

If crude death rates are used as an index of health conditions of a community, comparisons of rates for different States or cities are not strictly valid unless the age, sex, and racial compositions of the population of each area are taken into consideration. It is obvious that, if the population in one State is generally older than that in another, the crude death rate will be higher in the State having the older population, even though there is no significant difference in the age-specific death rates.

Similar considerations apply also to crude birth rates. For example, comparison of birth rates of one area having a certain proportion of women of childbearing age with the rates of another community having a different proportion would be erroneous if these rates were used as measures of fertility.

Various methods have been devised to compensate for differences in the population composition of the areas to be compared. A necessary element of all such methods is the computation of specific birth or death rates for each of the factors to be considered. While the natality and mortality tables in this volume are sufficiently detailed for the

most important of these computations, it is also essential to have the corresponding population figures for each separate age, sex, and racial group.

Crude marriage and divorce rates are likewise related to the total population, not to those segments actually exposed to the occurrence of these events. Their usefulness for analysis and interpretation is limited, because they do not take into account such factors as age composition, sex distribution, and marital status, and their changes over periods of time. Since no national data are available on the characteristics of persons being married or divorced, specific rates by age, race, etc., cannot be presented. The available crude rates serve mainly to indicate general trends.

#### Population bases<sup>9</sup>

Large-scale population changes during the war and immediate postwar years necessitated adoption of special rules regarding the population bases used in computing vital statistics rates. The transfer overseas of several million men and the large-scale shifts of population within the continental United States precluded the computation of rates which are strictly comparable with rates for prewar years. In order to minimize these difficulties and to present rates that are most useful for comparative purposes, different population bases were selected for the various rates shown for the years 1940 to 1946.

Crude birth rates for these years for the United States as a whole are based on the total population of the country, including the armed forces overseas. Birth rates for each State are based on the civilian population present in the State. While not completely satisfactory, these rates seem to be most nearly comparable with national and State birth rates for preceding years.

Crude death rates for the continental United States for the years 1940 to 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas. Death rates for each State are based on the population, including military personnel, present in the State. These rates seem to be most nearly comparable with rates for prewar years, although they, too, involve certain limitations.

Crude marriage rates for the United States for 1940 to 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas primarily because no figures are available on marriages contracted overseas by members of this group. Crude rates for each State are based on the population present in the State, including military personnel stationed in the area, since the armed forces undoubtedly contributed to the total number of marriages in the States where they were stationed.

Crude divorce rates for the continental United States for the years 1940 to 1946 are based on the total population of the country, including the armed forces overseas, since it was considered likely that divorces involving members of the armed forces overseas were, for the most part, granted in this country. Crude divorce rates by State for 1940 to 1946 are based on the civilian population present in the area. The armed forces were excluded from the population base in computing the State rates because it did not appear likely that military personnel could have satisfied legal residence re-

<sup>&</sup>lt;sup>8</sup>For method of estimation, see Moriyama, Iwao M., "Estimated Completeness of Birth Registration: United States, 1935 to 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 10, 1946.

SFor a more detailed discussion of this problem with respect to birth and death rates, see "Vital Statistics of the United States, Part I, 1946," pp. VIII-X; with respect to marriage and divorce rates, see "Marriage and Divorce in the United States, 1937 to 1945," and "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 9, pp. 210 and 214, and vol. 27. No. 10, pp. 168-170, 1946 and 1947, respectively.

quirements for divorces in States where they were temporarily stationed. Also, lack of information precluded their allocation to their respective States of residence.

By 1947, demobilization of the armed forces was largely completed, and the military personnel overseas formed only 0.43 percent of the total United States population; in 1948, they constituted only 0.31 percent of the total population. Comparison of the July 1, 1947 and July 1, 1948 estimates of the civilian population in the States and of the total population present in the States (including the armed forces stationed in the area) shows that in 35 States the difference between the two figures was less than 1 percent. The difference exceeded 2 percent in only 2 areas (Florida and the District of Columbia) in 1947, and in only 1 area (District of Columbia) in 1948

It is, therefore, of little significance to distinguish between the different estimated populations in computing birth, death, marriage, and divorce rates. Consequently, birth and divorce rates for 1947 and 1948 for the United States and for the individual States are based on the estimated population present in the respective areas. This procedure places the United States and individual State birth and divorce rates on the same base, and has the additional advantage of making all vital statistics rates (birth, death, marriage, and divorce) strictly comparable in this respect. Table F gives for each year, 1940 to 1948, the populations used in computing the birth, death, marriage, and divorce rates for the United States.

Table F....ESTIMATED MIDYEAR POPULATIONS USED FOR COMPUTING BIRTH, DEATH, MARRIAGE, AND DIVORCE RATES: UNITED STATES, 1940-48

	FOPULATIONS USED FOR COMPUTING—							
YEAR .	Birth	Death	Marriage	Divorce				
	rate <sup>1</sup>	rate <sup>2</sup>	rate <sup>2</sup>	rate <sup>1</sup>				
1948	146,113,000	146,113,000	146,113,000	146,113,000				
1946	143,405,000	143,405,000	143,405,000	143,405,000				
	141,235,000	139,899,000	139,899,000	141,235,000				
1945	139,585,518	132,018,525	132,018,525	139,585,518				
	138,083,449	132,552,005	132,552,005	138,083,449				
1942	136,497,049	133,966,319	133,966,319	136,497,049				
	134,664,924	133,770,500	133,770,500	134,664,924				
1941	133,202,873	133,060,045 131,954,144	133,060,045 131,954,144	133,202,873 131,970,224				

<sup>1</sup>For 1947-48, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

<sup>2</sup>For 1940-48, excludes armed forces overseas.

#### Population estimates

Since vital rates are ratios of the number of births, deaths, marriages, and divorces to population figures, accurate rates are partially dependent upon accurate population figures. Tabulations showing the number and composition of the population for States and local areas are available only for the years when regular decennial population censuses are taken. For intervening years, population estimates must be used.

The annual estimates of the population of the United States for the postcensal period, July 1, 1940 to July 1, 1948, inclusive, are based on the 1940 census and on statistics of births, deaths, immigration, and emigration since the census date. The population present in the continental United States excludes members of the armed forces outside the continental shores on July 1 of each year. The total population of the United States employed in computing birth and divorce rates for the United States for the years 1940 to 1946 includes members of the armed forces overseas.

The estimates for States are based partly on ration book registration, partly on estimates of migration derived from school enrollment data, and partly on resident births and resident deaths by States, since the last census. The civilian population estimates obtained in this manner provided the bases for deriving estimates of the population present in each State. The total population present in each State includes members of the armed forces stationed in each State but excludes the troops overseas.

Estimates of the midyear present-in-area population of the United States by age, race, and sex for 1940 to 1948, inclusive, relate to the population actually present in the continental United States. Since the age distribution of the armed forces abroad was estimated, the midyear population estimates of males of military age in the continental United States may not be as precise as those for other age groups. The estimates by age, race, and sex for the period 1940 to 1948 also contain an adjustment made on the age distribution of the nonwhite population 55 years and over as enumerated in the 1940 census. The 1940 census showed an excess of nonwhite enumerated as 65 years and over as compared with the number that might have been expected to survive from those 55 and over in 1930. The age group 55 to 64 years, on the other hand, showed a deficiency with respect to the expected survivors of those 45 to 54 in 1930. Therefore, the distribution of the nonwhite population 55 years and over among the component age groups was adjusted to a closer agreement with the distribution of these age groups in earlier censuses. The total 55 years and over was not altered in the process. Although defects in the age distribution of the white population were also observed, no adjustments were made because the adjustments would have been relatively small. No adjustment has been made for possible errors in reported ages at death.

All population figures used in computing rates were provided by the Bureau of the Census.

# INTERPRETATION OF CAUSE-OF-DEATH STATISTICS

Cause-of-death data given in this volume are classified according to the fifth revision of the International List of Causes of Death. The use of this list in the tabulation of data by all States, and by various countries, results in similar cause-of-death titles for the various publications. Unfortunately, this use of a standard classification list, although essential for regional comparisions, does not assure strict comparability of the fabulated figures. A high degree of comparability could be attained only if all of the data on cause of death were reported with equal accuracy and completeness. Since the medical certification of death can be made only by a qualified person, usually a physician or a coroner, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the acumen and ability of the medical attendant to make the proper diagnosis and by the care with which the death certificate is filled out.

The quality of the basic data reported on the death certificates is, of course, of fundamental importance in the interpretation of cause-of-death statistics. Although a number of notable studies have been made of the accuracy of medical diagnoses, there is an unfortunate lack of national statistics on the subject. All of these investigations are extremely limited in scope since they are based upon comparisons of autopsy and clinical records in certain hospitals and pertain only to those cases that came up for post-mortem examinations. Despite the paucity of data regarding the accuracy of certification of death, the cause-of-death information given on the death certificate is, for the most part, probably fairly reliable.

One index of the quality of cause-of-death statistics is the proportion of death certificates coded International List numbers 199 and 200, which are the rubrics for ill-defined and unknown causes of death. This percentage indicates the care

<sup>&</sup>lt;sup>10</sup>For discussion of population estimates for years prior to 1940, see "Vital Statistics of the United States, Part I, 1946," p. XIII.

and consideration given to the certification of cause of death by the attending physician. It may also be used as a rough measure of the specificity of the medical diagnoses made by the physicians in the various areas. In 1948, only 1.2 percent of all reported deaths were assigned to ill-defined or unknown causes.

The interpretation of data on cause of death is further qualified by the fact that, although in many instances the death is the result of a combination or sequence of causes, it is usually practicable to tabulate the death under one rubric only. This necessitates a choice of the primary cause from those given on the transcript of the death certificate. This selection of a primary cause is made according to rules given in the Manual of Joint Causes of Death. It is evident, however, that the effect of any such rules on the classification of deaths for specific causes will vary according to the completeness with which all the factors contributory to the death are reported. If a death is the result of several causes but only a single cause is given on the transcript, the Manual of Joint Causes of Death cannot, of course, be used. For this reason the omission of pertinent complicating factors or conditions contributing to the death

may result in an incorrect statistical assignment of cause.

Apart from the question of comparability between areas, there is the additional problem of comparability for a given area between years. To a certain extent, time-trend studies of causes of death would be facilitated if the International List were maintained without change over a long period of years. However, if the list were rigidly fixed, it would soon be inconsistent with current medical knowledge and terminology. To obtain the advantages of frequent revision, and yet to retain a fixed list for a number of years, revisions of the list are made at an international conference every 10 years. In the process of revision, some causes of death included under one title may be transferred to other titles. Definite discontinuities are introduced into the time trends of death rates for certain specific causes of death, as indicated by a study on the comparability of titles in the 1929 and 1938 revisions of the International List.

TABLE G. --BIRTES TO MONRESIDENTS IN EACH STATE AND EIRTES TO RESIDENTS IN OTHER STATES 1949
(Exclusive of stillbirths)

	(=====	BIAR OT SCITT	412 <b>41</b> 20,					
		BIRTES						
AREA	Total births in	in To nonresidents in area			To res	To residents in other areas		
	area	Total	From same State	From other States	Total	In same State	In other States	residents
United States	3,535,068	1,319,454	1,230,366	89,068	1,319.454	1,230,366	89,088	3,535,068
Alabama	84,684 19,816 48,136 240,777 33,568 41,199 7,413	24,108 7,719 15,164 111,796 12,275 17,247 3,553	22,935 6,794 13,503 109,860 11,054 16,693 3,067	1,173 925 1,661 1,936 1,221 554 486	24,796 7,098 15,064 111,721 11,717 18,277 3,594	22,935 6,794 13,503 109,860 11,054 16,693 3,067	1,861 304 1,561 1,861 663 1,584	85,372 19,195 48,036 240,702 33,010 42,229 7,254
District of Columbia Florida Georgia Ideho	27,479 60,758 92,533 15,636 181,234 92,944 61,513	6,088 20,723 29,895 7,253 65,383 36,948 29,549	18,281 28,092 6,729 63,465 36,282 27,115	8,088 2,442 1,803 524 1,918 2,666 2,434	1,424 19,565 30,056 7,749 69,020 38,533 28,611	18,281 28,092 6,729 63,465 36,282 27,115	1,424 1,284 1,964 1,020 5,555 2,251 1,496	20,815 59,600 92,694 16,132 184,871 92,529 60,575
Kansas Kentucky- Loui siona- Maine- Maryland Muryland Musachusetta- Michigan-	41,867 77,192 73,039 21,698 51,253 197,966 154,160	16,781 21,112 24,189 8,416 17,154 39,799 66,547	14,811 18,854 23,536 6,113 13,893 37,745 65,390	1,970 2,259 653 303 3,261 2,054 1,167	17,628 21,096 24,462 8,769 19,324 39,222 67,117	14,811 18,854 23,536 8,113 13,893 37,745 65,380	2,817 2,242 926 676 5,431 1,477	42,714 77,176 73,312 22,071 53,423 297,389 154,730
Minnesota- Mississippi	72,665 65,723 86,983 14,795 31,079 3,752 12,783	28,273 14,175 33,058 5,039 12,003 1,264 4,851	26,471 12,707 28,734 4,810 10,907 1,064 3,641	1,802 1,468 4,325 229 1,096 200 1,210	28,388 13,755 31,334 5,279 12,100 1,206 4,491	26,471 12,707 28,734 4,910 10,907 1,064 3,641	1,917 1,048 2,600 469 1,193 142 850	72,780 65,303 85,258 15,035 31,176 3,694 12,423
New Jersey	94,714 20,632 302,740 109,605 18,785 186,111 49,736	51,767 5,845 96,152 40,913 8,357 71,605 17,587	50,589 4,817 92,595 38,989 7,199 68,132 16,170	1,178 1,028 3,557 1,924 1,158 3,473 1,417	54,633 5,732 95,378 40,738 8,156 71,847 18,237	50,589 4,817 92,595 38,989 7,199 68,132 16,170	4,044 915 2,783 1,749 957 3,715 2,067	97,580 20,519 301,966 109,430 16,564 186,353 50,386
Oregon— Pennsylvania Rhode Island— South Carolina— South Dakota— Temmessee— Temas	35,180 227,366 17,202 58,124 16,344 64,153 196,347	15,489 100,335 7,925 16,491 7,183 27,359 47,695	14,313 96,318 6,814 15,126 6,255 23,226 46,174	1,176 4,017 1,111 1,365 928 4,133 1,521	15,515 100,196 7,584 16,126 7,244 25,333 49,098	14,313 96,318 6,814 15,126 6,255 23,226 46,174	1,202 3,678 770 1,000 989 2,107 2,924	35,206 227,227 16,861 57,759 16,405 82,127 197,750
Utah	20,969 9,006 79,260 57,004 52,934 60,925 7,286	8,606 4,154 29,027 22,591 17,955 36,232 1,823	8,081 5,757 25,507 20,251 15,161 34,968 1,368	525 397 3,520 2,340 2,794 1,244 455	8,351 4,517 51,824 21,420 17,417 36,937 1,955	8,081 3,757 25,507 20,251 15,161 34,988 1,369	270 760 6,317 1,169 2,256 1,949 587	20,714 9,369 82,057 55,833 52,396 81,630 7,418

Excludes 2,581 births which occurred in the city of Lynn; all of these births were to residents of Massachusetts. Statistical transcripts for these births were received at the Mational Office of Vital Statistics after tabulations were completed.

<sup>11</sup>Dumn, Halbert I., and Shackley, William, "Comparison of Cause-of-Death Assignments by the 1929 and 1938 Revisions of the International List: Deaths in the United States, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 19, No. 14, 1944.

## EFFECT OF RESIDENCE ALLOCATION ON NATALITY STATISTICS

Of the 3,535,068 live births registered in the United States in 1948, 2,215,614 occurred in the city or county in which the mother of the child usually resided; and 1.319,454, or 37.3 percent, were nonresident births as compared with 1,347,877, or 36.4 percent, in 1947. A large proportion of the nonresident births were to mothers who lived in rural areas or small cities and gave birth in more populous areas. Only a small percentage of the mothers who give birth elsewhere than in their usual place of residence cross State lines. In 1940, 6.3 percent of all nonresident births were to mothers from States other than the one in which the birth occurred. With the increased interstate population movement of the war period, however, the proportion increased slightly from year to year and was 8.4 percent in both 1944 and 1945. In 1946, it declined to 6.9 percent and in 1947 and 1948 to 6.8 percent. Only 2.5 percent of all births occurred in States other than the State of the mother's usual residence.

A summary of births in 1948, by place of occurrence and by place of residence, is given by States in table G. This table shows, for each State, the number of births registered as occurring within the State; the total number of nonresident births within the State, that is, the number of births occurring in cities or counties of which the mother was not a resident; the

TABLE H. -- DIFFERENCE RETWEEN RESIDENT AND RECORDED BIRTHS: EACH STATE, 1948

(Exclusive of stillbirths)

•	DIFFERENCE			
AREA	Number	Percentage <sup>1</sup>		
UNITED STATES	•••	•••		
Alebama	-688	-0.8		
Arizona	+621	+3.2		
Arkansas	+100	+0.2		
California	÷75	+0.0		
Colorado	+558	+1.7		
Connecticut	-1,030	-2.4		
Deleware	+159	+2.2		
District of Columbia	+6,664	+32.0		
Florida	+1,158	+1.9		
Georgia	-161	-0.2		
Idsho	-496	-3.1		
Illinois	-3,637	-2.0		
IndianaIowa	+41.5 +938	+0.4		
	-847	-2.0		
Xensas	-B47 +16	+0.0		
KentuckyLouisianaLouisiana	-273	-0.4		
Maine	-273 -373	-1.7		
Maryland	-2,170	-4.1		
Massachusetts	+577	+0.6		
Michigan	-570	-0.4		
Minnesota	,	١.,		
MinesotaMississippi	-115 +420	-0, 2 +0, 6		
Missouri		+2.0		
Montage	+1., 725 -240	-1.6		
Montens (	-240	-0.3		
Nevada	+58	+1.6		
New Hampshire	+360	+2.9		
New Jersey	-2,856	-2.9		
New Mexico	+113	+0.6		
New York	+774	+0.3		
North Carolina	+175	+0.2		
North Dakota	+201	+1.2		
Ohio	-242	-0.1		
Oklahoma	-650	-1.3		
Oregon	-26	-0.3		
Pennsylvania	+139	+0.3		
Rhode Island	+341.	+2.0		
South Carolina	+365	+0.6		
South Dakota	-61	-0.4		
Tennessee	+2,026	+2.5		
Texas	-1,403	-0.7		
Utah	+255	+1.2		
Virginia	-363	-3.9		
Virginia	-2,797	-5,4 +2,3		
WASHINGCOM	+1,171 +538	+2.1		
West Virginia	+558 -70 <b>5</b>	-0.5		
Wisconsin	-70s -132	-1.8		
1/4mm/2	-3.02			

In computing percentages, resident births have been used as the base.

number of these occurring to nonresident mothers who lived in some other part of the same State; and the number to mothers living in other States. This table also shows the number of births to residents of each State occurring in other areas, and the total number of births to residents wherever occurring.

The percentage differences between the residence and occurrence totals are shown for the States in table H. Excluding the District of Columbia, the largest differences occurred for Maryland and Vermont where the occurrence figures were 4.1 and 3.9 percent, respectively, lower than the residence figures. For Arizona and New Hampshire, the occurrence totals were 3.2 and 2.9 percent, respectively, higher than the residence totals.

Table J gives the trend of the percentage of nonresident births in the United States from 1939 to 1948. It is evident that the proportion of nonresidents has increased steadily from 19.4 percent of all registered births in 1939 to 37.3 percent in 1948. The proportion of births which occur in a State other than the State of residence, although low, has also increased from 1.2 percent in 1939 to 2.5 percent in 1948. The steady increase in the percentage of births occurring in places other than the area of residence is closely related to the corresponding rise in the percentage of births occurring in hospitals (see table AW).

TABLE J.—NUMBER AND PERCENT OF NORRESIDENT BIRTHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-48

	Total	NON	resident bir	THS	PERCENT OF NON- RESIDENT BIRTHS			
YEAR	births	Total	From same State	From other States	Total	From seme State	From other States	
1948	3,535,068 3,699,940 3,288,672 2,735,456 2,794,800 2,934,860 2,808,996 2,513,427 2,360,399 2,265,588	1,319,454 1,347,877 1,151,941 922,064 871,785 838,609 734,328 592,084 500,918	1,230,366 1,256,494 1,072,030 844,778 798,776 774,252 684,160 552,775 459,228	89,088 91,383 79,911 77,286 73,009 64,357 50,168 39,309 31,690	57.3 36.4 35.0 33.7 31.2 28.6 26.1 23.6 21.2	34.8 34.0 32.6 30.9 28.6 26.4 24.4 22.0 19.9	2,5 2,5 2,4 2,8 2,6 2,2 1,8 1,6	

Table K shows the difference in 1948 between the number of births to residents of urban and rural areas and the number of births occurring in the corresponding areas. The place-of-occurrence figures are much higher than those by place of residence in the urban areas, whereas the contrary is true of the rural areas. In comparing the birth figures for urban and rural areas, differences in completeness of birth registration should be taken into account. 12

The proportion of rural residents who go to urban areas for delivery has increased rapidly as shown in table L. In 1939, the earliest year for which strictly comparable figures are available, the number of births occurring in rural areas was

Table K.—Hestident and Recorded Births, and percentage difference; urban and kurals united states, 1948

(Exclusive of stillbirths)

AREA	Births to	Births in	Difference	Percentage difference
UNITED STATES	3,535,068	3,535,068	• • • •	***
Urban	2,094,018 983,863 425,856 301,683 381,616	2,807,881 1,194,167 612,492 449,750 551,472	+713,863 +210,304 +185,636 +148,067 +169,856	+34.1 +21.4 +43.5 +49.1 +44.5
Rural	1,441,050	727,187	-713,863	-49.5

In computing percentages, resident births have been used as the base.

<sup>12</sup>Tuthill, Dorothy D., "Completeness of Birth Registration in Urban and Rural Areas: United States and Each State, December 1, 1939 to March 31, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 6, 1945.

17.5 percent less than the number of births to residents of rural areas. By 1948 this difference had increased to 49.5 percent. During the same period the excess of births occurring in urban areas over the births to urban residents rose from 15.6 percent in 1939 to 34.1 percent in 1948. These changes are due almost entirely to the increased use of urban hospital facilities by residents of rural areas. It will be observed that this movement is not restricted to large cities, but is in fact proportionately much larger for cities of less than 100,000 population.

TABLE L.—PERCENTAGE<sup>1</sup> DIFFERENCE BETWEEN RESIDENT AND RECORDED BIRTHS; UKBAN AND RUBAL: UNITED STATES, 1939-48

AREA	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
Urban	+34-1	+52.7	+30-4	+27.7	+27.1	+24.7	+21.9	<b>+21.1</b>	+19.7	+15.6
Places of: 100,000 or more 25,000 to 100,000 10,000 to 25,000 2,500 to 10,000	+43.5 +49.1	+42.7 +45.1	+40.0 +41.0	+35.4 +37.7	+34.3	+17.2 +31.3 +32.4 +31.5	+28.4 +28.2	+27.5 +27.6	+24.3	+13.8 +22.2 +19.0 +11.3
Rural						-34.7				-17.5

<sup>&</sup>lt;sup>1</sup>In computing percentages, resident births have been used as the base.

The number of births in 1948, by place of residence and by place of occurrence, is given in table M for each of the 92 cities having, in 1940, a population of 100,000 or more. The place-of-residence figures are lower than those by place of occurrence for every city except Chicago, Los Angeles, New Bedford, Reading, Somerville, and Tampa. Since many factors contribute to the number of nonresident births occurring in a community, a careful study of local conditions is necessary to explain the varying differences observed between residence and occurrence statistics. Among the important factors are: the number and location of hospitals in suburbs surrounding a given city, the density of population in adjacent rural areas and the distance to other cities, and the extent to which hospital facilities are available within the given city.

#### EFFECT OF RESIDENCE ALLOCATION ON MORTALITY STATISTICS

Of the 1,444,337 deaths registered in the continental United States in 1948, 269,485, or 18.7 percent, were nonresidents of the city or county in which the death occurred. This proportion of nonresident deaths is slightly higher than the 18.4 percent recorded in 1947.

Most of the nonresident deaths tabulated for any State are those of residents of some other part of the same State and do not, therefore, represent population movement between States. Of the 269,485 nonresident deaths in 1948, 38,964 were interstate nonresidents. These comprise 14.5 percent of all nonresident deaths and only 2.7 percent of all deaths.

The effect of allocation of deaths in 1948 to the place of residence is given in table N. This table shows the total number of deaths that occurred in each State, the number of these that were of nonresidents, the number of deaths of residents that occurred in other areas (exclusive of deaths among the armed forces overseas), and the total number of deaths of residents.

An inspection of table O indicates a relatively small difference between the total number of deaths occurring in a State and the total number of deaths of residents of the State. In general, interstate nonresident deaths are a small proportion of the total deaths and, in most cases, the number of residents leaving a State and dying in other States approximately balances the number of residents of other States dying within the State. Except in States where a large number of out-of-State nonresidents are to be expected, reallocation does not greatly change the State totals. As shown in table O, the greatest differences between the number of recorded and resident deaths were reported in 1948 for Arizona where the recorded total exceeded the number of resident deaths by 8.1 percent and for Florida where the difference was 4.5 percent. For Nevada the

TABLE M. —RESIDENT AND RECORDED BIRTHS, AND PERCENTAGE DIFFERENCE: 92 MAJOR CITIES, 1948

(Exclusive of stillbirths)

Alcon	+2,092 +1,458 +5,384 +6,547 +2,351	Percent- age <sup>1</sup> +28.1 +47.7 +63.9 +29.3 +28.4
Akron	+2,092 +1,458 +5,384 +6,547 +2,351	+28.1 +47.7 +63.9 +29.3
Albany	+1,458 +5,384 +6,547 +2,351	+47.7 +63.9 +29.3
Atlanta	+1,458 +5,384 +6,547 +2,351	+63.9 +29.3
Baltimore—	+6,547 +2,351	+29.3
Birmingham	+2,351	
Boston	1.1 O3O	
Buffalo	+4,030	+23.4 +47.6
Cambridge 2,905 3,785 Conden 2,815 5,577 Conton 3,425 4,984 Charlotte 3,261 5,626 Chattanogg 5,975 5,607 Chtoago 78,447 77,434 Cincinnati 11,687 16,072 Cleveland 22,693 27,138 Columbus 8,934 13,145 4 Dallas 10,126 13,876 Denver 9,009 11,516 4 Des Moines 4,459 6,038 4 Detroit 45,176 48,998 3,136 Elitabeth 2,386 3,136 Elitabeth 2,386 3,136 Elitabeth 2,386 3,136 Erie 3,495 4,584 Fall River 7,306 8,288 Fall River 8,947 3,241 Fort Wayne 5,506 4,606 Fort Worth 7,306 8,288  Gary 3,904 4,612 Grand Rapids 4,679 5,826 Gary 10,985 17,450 10,989 12,347 Indianapolis 12,899 14,398 Indiana 14,989 15,836 Indiana 14,989 12,033 Indiana 14,989 12,033 Indiana 14,989 12,033 Indiana 14,989 12,033 Indiana 14,989 17,097 Indianal 12,809 17,997 Indianal 12,809 Indianal 12,809 Indianal 12,809 Indianal 12,809 Indianal 12,809 Indianal	+1,642	
Camden	+4,527 +880	+35.8 +30.3
Charlotte	+2,762	+98.1
Chitango	+1,561 +2,365	+45.6 +72.5
Cincinnati	+1,632	+41.1
Cleveland	-1,013	-1.3
Cleveland	+4,385	+37.5
Dallas   10,126   13,876   19,876   19,876   19,876   19,876   10,337   13,746   48,998   6,038   4,459   6,038   4,459   6,038   4,459   6,038   4,176   10,114   1,236   1,1	44,445	+19.6
Dayton	+4,211 +3,750	+47.1 +37.0
Denver   10,337   13,746   4,489   6,038   4,489   6,038   4,489   6,038   4,998   5,366   5,136   6	+2,507	+27.8
Detroit	+3,409 +1,579	+35.0 +35.4
Duluth   2,386   3,136   8   8   12   12   13   14   15   15   15   15   15   15   15	-	
Blizabeth	+5,622 +750	+13.5 +31.4
Fall River         2,497         3,241           Flat         4,141         6,725           Fort Wayne         3,506         4,608           Fort Worth         7,506         8,289           Gary         5,904         4,612           Grand Rapids         4,679         5,826           Eartford         4,665         6,297           Indianapolis         10,969         12,347           Jacksonville, Fla.         5,860         7,088           Jersey City         6,601         10,370           Kansas City, Kans         3,487         3,968           Kansas City, Kons         3,487         3,996           Kansas City, Mo         9,432         12,664           Kansas City, Mo         9,432         12,664           Los Angeles         45,365         37,540           Louisville         10,395         12,969           Louisville         2,308         3,063           Memphis         8,408         12,013           Minami         4,969         5,836           Milwande         14,396         18,001           Minmapolia         12,809         17,097           Manwille         6,232	+1,435	+60.2
Flint	+1,091 +744	+31.2 +29.8
Fort Wayne	+2,584	+62.4
Sary	+1,300	+37.1 +13.2
Grand Repids 4,679 5,826 6,297 6 Hartford 4,065 8,297 17,450 1 Houston 10,969 12,347 7,068	+963	+13.4
Grand Ragids	+908	+23.3
Houston	+1,147	+24.5 +104.1
Indianepolis	+4,232 +1,193	+7.3
Jacksonville, Fla. 5,860 7,088 4  Jersey City Kans. 5,467 3,968 Kansas City, Kans. 5,467 3,968 Kansas City, Kans. 5,467 3,968 Kansas City, Mo. 9,432 12,664 4  Kansas City, Kans. 5,896 7,732 4  Long Beach 5,896 7,732 4  Long Beach 45,365 37,540 12,969 4  Louisville 10,395 12,969 4  Louisville 2,308 3,063 Memphis 8,408 12,013 4  Minmi 4,969 5,836 Milvanke 14,396 19,001 4  Milvanke 14,396 19,001 4  Minmapolia 12,609 17,097 4  Manhville 5,232 7,172 8  Mewark, M. J. 9,597 13,624 4  New Bedford 2,229 2,093 8  Mew Bedford 3,539 5,836 4  New Orleans 14,314 20,611 4  New York 154,064 157,930 4  New Cork 154,064 157,930 4  New Cork 154,064 157,930 6  Okahad 9,155 14,037 6  Okahad 7,384 4  Paterson 2,778 5,355 7  Peoria 2,556 4,782 4  Pittabuphia 17,765 22,945 4  Pittabuphia 17,765 22,945 4	+1,193	+12.6
Kenness City, Knns.   3,487   3,968	+1,228	+21.0
Xanasa City, Mo.   3,422   12,664   4	+3,769 +481	+57.1 +13.8
Trigorial   Trig	+3,232	+34.3
Long Beach	+2,094	+63.1
Louistile	+1,836	+31.1 -17.2
Lowell	-7,825 +2,574	+24.8
Memphis	- 1	.20.7
Minmi     4,969     5,836       Milyaukee     14,398     19,001     4       Minneapolis     12,609     17,097     4       Newark, N. J.     9,597     13,562     4       New Bedford     2,229     2,093     18,624     4       New Greans     14,814     20,611     4       New Ork     154,064     157,930     4       Norfolk     4,234     6,030     4       Okland     9,155     14,037     4       Oklahoma City     6,063     7,580     4       Omsha     6,014     7,384     7       Paterson     2,778     5,355     4       Peoria     2,556     4,782     4       Philadelphia     45,664     46,178     4       Pittaburgh     17,765     22,945     4	+755 +3,611	+32.7 +42.9
Minneapol1a	+867	+17.4
Nanhville	44,503 44,288	+32.0 +33.5
Newark, N. J.   9,597   12,624   4	+940	+15.1
New Indexen	H4,027	+42.0
New Orleans     14,814     20,611       New York     154,064     157,930       Norfolk     4,234     6,030       Oklahome     9,155     14,057       Oklahome     6,065     7,580       Omsha     6,014     7,384       Paterson     2,778     5,355       Peoria     2,556     4,762       Philadelphia     43,664     48,178       Pittaburgh     17,765     22,945	-136	-6.1
New York	+2,297 +5,797	+64.9 +39.1
Oklahad     9,155     14,037     4       Oklahome City     6,065     7,580     4       Omsha     6,014     7,384     4       Paterson     2,778     5,355     4       Peoria     2,556     4,762     4       Philadelphia     43,864     48,178     4       Pittaburgh     17,765     22,943     4	+3,966	+2.5
Oklehome City     6,065     7,580       Omsha     6,014     7,384       Paterson     2,778     5,335       Feoria     2,556     4,782       Philadelphia     43,864     48,178       Pittaburgh     17,765     22,943	+1,796 +4,882	+42.4 +53.3
Omeha	+1,517	+25.0
Paterson		
Peoria     2,556     4,762     4       Philadelphia     43,864     48,178     4       Pittsburgh     17,765     22,945     4	+1,370 +2,557	+22.8 +92.0
Pittsburgh 17,765 22,943 +	12,226	+87.1
Fittspurga 1(,/65   22,943   +	4,314	+9.8
Portland, Oreg 9,770 12,201 +	+5,160   +2,431	+29.2 +24.9
	4,891	+89.4
Reading 2,192 1,962	-210	-9.6
	+3,151 +3,356	+58.2 +45.2
Secremento 3.246 6.933 +	+3,356   +3,687	+113.6
St. Touts 19,659 25,824 +	+6,165	+31.4
	+1,900	+23.1 +42.7
1 1	+2,296	
San Antonio	+614	+4.5 +14.4
San Francisco 16,315 19,229 4	+1,226 +2,914	+14.4
Scranton 2,561 4,006 4	+1,445	+56.4
Seattle 13,447 14,924 4	+1,477 -821	+11.0 -33.6
Somerville	+812	+26.0
Spokane 4,054 5,840 +	+1,785	+44.1
Springfield, Mass 3,865 5,310 +	+1,445	+37.4
Syracuse 4,563 7,977 +	+3,414 +1,195	+74.8 +34.0
Tampa 4,225 4,100	-125	-3.0
Toledo 8,027 10,534 +	+2,507	+31.2
	+2,569	+85.9
Tulsa	+1,511 +1,271	+36.2 +55.5
Washington, D. C	+6,664	+32,5
Wichita 4.848   5.552	+704	+14.5
Wilmington, Del 2,782 5,155 +	+2,373 +1,602	+85.3 +39.1
Vonkers 2,864 3,110	+246	+39.1
Youngstown 4,344 6,155 +	1,811	+41.7

<sup>1</sup>In computing percentages, resident births have been used as the base-

NOTE. —Cities shown are those having populations of 100,000 or more according to the 1940 census.

TABLE N. --DEATES OF NORRESIDENTS IN EACH STATE AND DEATES OF RESIDENTS IN OTHER STATES: 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

				DRA	THS			
AREA	Total deaths in area	Of nor	residents in	area	Of res	Idents in othe	r areas	Total deaths of residents
		Total	From same State	From other States	Total.	In same State	In other States	
UNITED STATES	1,444,337	269,485	250,521	38,964	269,485	230,521	38,964	. 1,444,337
Alabama Arizona Arizona Arixamas California Colorado Comecticut Delaware	26,356	4,875	4,408	467	5,139	4,408	781	26,620
	7,122	1,857	859	798	1,121	859	262	6,586
	14,954	2,925	2,345	580	5,195	2,345	850	15,224
	99,320	21,067	19,491	1,576	20,652	19,491	1,161	98,905
	12,824	2,470	1,875	595	2,228	1,875	353	12,582
	19,419	3,340	2,910	430	3,490	2,910	580	19,569
	3,466	663	479	184	604	479	125	3,407
District of Columbia Florida Georgia Idaho Illinois Indian Indian	8,388 25,881 29,584 4,783 89,908 39,372 26,150	1,002 6,257 5,560 951 34,658 7,359 5,750	4,284 4,754 695 13,221 6,327 4,883	1,002 1,973 806 256 1,437 1,032 867	611 5,143 5,502 1,074 16,076 7,531 5,664	4,284 4,754 695 13,221 6,327 4,883	611 859 748 379 2,857 1,204	8,197 24,767 29,526 4,906 91,328 39,544 26,064
Kansas Kontucky Louisians Maine Maryland Maryland Massachusetts Michigan	18,648	3,416	2,518	898	3,321	2,518	803	18,553
	27,753	5,048	4,293	755	5,345	4,293	1,052	28,050
	23,894	5,195	4,536	659	4,862	4,536	326	23,561
	9,981	2,203	1,936	267	2,180	1,936	244	9,958
	22,904	4,524	3,139	1,385	4,060	3,139	921	22,440
	52,712	7,321	6,319	1,002	7,220	6,319	901	52,611
	56,551	10,010	9,223	767	10,245	9,223	1,022	56,786
Mimesota	27,858	6,204	5,029	1,175	5,746	5,029	717	27,400
	20,043	3,394	2,965	429	3,647	2,965	682	20,296
	42,892	7,460	5,890	1,570	7,320	5,890	1,430	42,752
	5,849	1,215	1,004	211	1,250	1,004	246	5,884
	12,541	2,424	1,988	436	2,498	1,988	510	12,615
	1,680	376	191	185	320	191	129	1,624
	6,197	1,105	709	396	1,080	709	371	6,172
New Jersey	47,512	11,155	9,801	1,354	11,719	9,801	1,918	48,076
	5,711	1,419	888	531	1,317	888	429	5,609
	157,766	20,453	18,373	2,080	20,929	18,373	2,556	158,242
	30,147	6,654	5,965	689	6,668	5,965	703	30,161
	5,045	1,395	1,130	265	1,496	1,130	366	5,146
	80,566	12,249	10,831	1,418	12,574	10,831	1,743	80,891
	18,591	3,368	2,946	422	3,856	2,946	910	19,079
Oregon—Pennsylvania Rhode Island—South Carolina—South Dakota——Tennonsoc—Tennonsoc—	14,191	2,155	1,617	538	2,044	1,617	427	14,080
	108,888	23,256	21,469	1,787	23,570	21,469	2,101	109,202
	8,125	1,533	1,294	239	1,596	1,294	302	8,188
	17,917	4,132	3,744	388	4,172	3,744	428	17,957
	5,711	1,525	1,252	273	1,620	1,252	368	5,806
	29,774	5,913	4,254	1,659	4,965	4,254	711	28,826
	64,077	10,904	9,925	979	11,072	9,925	1,147	64,245
Utah Vermont Virginia	5,193	1,275	992	263	1,152	992	150	5,070
	4,045	962	771	191	1,013	771	242	4,096
	28,907	5,600	4,555	1,045	5,669	4,555	1,114	28,976
	22,294	3,423	2,787	636	3,340	2,787	. 553	22,211
	17,751	4,467	3,560	907	4,316	3,560	756	17,600
	32,703	8,779	7,891	688	8,640	7,891	- 749	32,564
	2,393	439	205	234	431	205	226	2,385

number of deaths by place of occurrence was 3.4 percent greater than the corresponding figure by place of residence. For 20 States the difference, plus or minus, was 0.5 percent or less.

Generally speaking, it is not necessary to reallocate deaths to the place of residence in order to obtain fairly comparable State totals. In the case of individual areas within the State, however, reallocation is very important because of the relatively large intrastate movement of the population. To obtain correct figures for areas near State borders, it is necessary that the reallocation be on an interstate as well as on an intrastate basis.

The increase in the proportion of nonresident deaths, given in table P, has been much less than that for births. Deaths occurring in areas other than the place of residence have increased from 14.1 percent of all registered deaths in 1939 to 18.7 percent in 1948. During the same period, the proportion of deaths occurring in a State other than the State of residence went up from 2.0 percent to 2.7 percent. The smaller increase in the proportion of nonresident deaths, as compared with nonresident births, is due largely to the fact that the proportion of deaths occurring in hospitals and other institutions has increased at a relatively slow rate (see table CB).

The reallocation of deaths to the place of residence of the decedent affects mortality data for urban places of various population sizes. Table Q shows, for places classified accord-

ing to population size, the total number of deaths of residents in 1948, wherever occurring, except among the armed forces overseas, and the total number of deaths occurring in each area. From these data it is apparent that the number of recorded deaths for urban places is considerably higher than the number of resident deaths. The converse is true of deaths for rural areas.

The trend of the percentage differences between the totals of resident and recorded deaths for urban and rural areas is given in table R. The moderate rise in these differences corresponds to the small increases in the proportion of nonresident deaths and in the proportion of deaths occurring in hospitals and other institutions. The deficiency of deaths occurring in rural areas, as compared with deaths of rural residents, went up from 10.0 percent in 1939 to 15.6 percent in 1948. Conversely, the excess of deaths in urban areas over deaths of urban residents increased from 6.7 percent in 1939 to 9.2 percent in 1948.

The number of resident and recorded deaths in 1948 and the percentage differences between these figures are shown in table S for 92 individual cities having populations of 100,000 or more in 1940. In all except 10 of these large cities, the number of recorded deaths was higher than the number of resident deaths. These cities are located near other urban places with large hospital facilities or have a portion of their hospital facilities located in the surrounding suburbs.

### VITAL STATISTICS OF THE UNITED STATES

TABLE 0.—DIFFERENCE BETWEEN RESIDENT AND RECORDED DRATHS: EACH STATE, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

AREA  UNITED STATES	-264 +536 -270 +415 +242 -150 +59 +191 +1,114 +58 -123 -1,420 -172 +96	-1. +81. +0. +10. +1. +2. +4. +02.
Labama—  rizoma—  rizoma—  rkanasa—  plifornia—  plifornia—  plorado—  mmeticut—  lavare—  istrict of Columbia—  loride—  ploride—  ploride—  loride—  lorid	-264 +536 -270 +415 +242 -150 +59 +191 +1,114 +58 -123 -1,420	+8. -1. +0. +1. -0. +1. +2. +4.
rizona- rkansas- alifornia- llorado- mmecticut- elavare- istrict of Columbia- corda- lorida- lalio- llinois- addiana- diana- diana- diana-	+536 -270 +415 +242 -150 +59 +191 +1,114 +58 -123 -1,420	+8. -1. +0. +1. -0. +1. +2. +4.
rizona- rkansas- alifornia- llorado- mmecticut- elavare- istrict of Columbia- corda- lorida- lalio- llinois- addiana- diana- diana- diana-	+536 -270 +415 +242 -150 +59 +191 +1,114 +58 -123 -1,420	+8. -1. +0. +1. -0. +1. +2. +4.
rkansas alifornia allorado mmeticut slavare strict of Columbia toride orgide sorgide	-270 +415 +242 -150 +59 +191 +1,114 +58 -123 -1,420	-1. +0. +1. -0. +1. +2. +4.
aliforma-  lorado-  strict of Columbia-  lorida-  laho-  llinois-  diana-  ldiana-	+415 +242 -150 +59 +191 +1,114 +58 -123 -1,420 -172	+0. +1. -0. +1. +2. +4. +0.
olorado mmeticut	+242 -150 +59 +191 +1,114 +58 -123 -1,420 -172	+1. -0. +1. +2. +4. +0.
omecticut	-150 +59 +191 +1,114 +58 -123 -1,420 -172	-0. +1. +2. +4. +0.
strict of Columbia	+59 +191 +1,114 +58 -123 -1,420 -172	+1. +2. +4. +0.
istrict of Columbia	+191 +1,114 +58 -123 -1,420 -172	+2. +4. +0.
torida	+1,114 +58 -123 -1,420 -172	+4. +0.
ahcdiancdianc	+58 -123 -1,420 -172	+0
laho	-123 -1,420 -172	
llinois	-1,420 -172	_9
ndiana	-1,420 -172	
ndiana	-172	-ī
		~ō
	+00	+ŏ
nses	+95	+0
entucky	-297	-1
pulsiene	+333	+1
1100	+23	+0
ryland	+464	+2
assachusetts	+101	+0
ichigan	-235	-0
Innesota	+458	+1
ississippi	-253	-1
issouri		_
ontana	+140	+0
ontana	-35	-0
398da	-74	-0
ev Hampshire	+56 +25	+3 +0
ev Jersey	-564	-1
ev Mexico	+102	+1
ew York	-476	-0
orth Carolina	-14	-0
orth Dakota	-101	-2
110	-325	-0
clahoma	-488	-2
regon	+111	+0
ennsylvania	-314	-0
hode Island	-63	-0
outh Carolina	-40	-0
outh Dakota	-95	-1.
nnessee	+948	+3.
xas	-166	-0
ah	+123	+2.
ermont	-51	-1
irginia	-69	-0.
ashington	+83	+0.
est Virginie	+151	+0.
set virginia	+151	+0.
roming	+139	+0.

 $<sup>^{\</sup>mbox{\scriptsize 1}}\mbox{In computing percentages, resident deaths have been used as the base.$ 

TABLE F.—NUMBER AND PERCENT OF NORRESTIGENT DEATES FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-48

	Total	NON	RESIDENT DEAT	PERCENT OF NON- RESIDENT DEATHS			
YEAR	deaths	Total	From seme State	From other States	Total	From ceme State	From other States
1948	1,444,337 1,445,370	269,465 266.081	230,521 226,774	38,964 39,307	16.7 18.4	16.0 15.7	2.7 2.7
1945 1945	1,395,617 1,401,719	257,886 254,793	219,565 216,531	38,321 38,262	18.5	15.7 15.4	2.7
1944	1,411,338	243,678 266,739	206,603	37,075 38,477	17.3 18.3 17.7	14.6 15.6 15.2	2.6 2.6 2.4
1942 1941 1940	1,385,187 1,397,642 1,417,269	244,752 246,811 209,176	210,955 213,108 179,365	33,797 33,703 29,811	17.7	15.2	2.4 2.1
1939	1,387,897	195,612	168,389	27,223	14.1	12.1	5.0

Table Q.—Resident and recorded  $\,$  deaths, and percentage  $\,$  difference; urban and ruhal: united states, 1948  $\,$ 

(Exclusive of stillbirths and of deaths among armed forces overseas)

AREA	Deaths of residents	Deaths in area	Difference	Percentage difference <sup>1</sup>
UNITED STATES	1,444,337	1,444,337		***
Urban	908,407	991,924	+83,517	+9.2
Places of 100,000 or more Places of 25,000 to 100,000 Places of 10,000 to 25,000 Places of 2,500 to 10,000	451,266 179,707 122,894 154,540	477,581 205,191 140,878 168,274	+26,315 +25,484 +17,984 +13,734	+5.8 +14.2 +14.6 +8.9
Rural	535,930	452,413	-82,517	-15.6

<sup>1</sup>In computing percentages, resident deaths have been used as the base.

Table R.—Fercentage  $^\lambda$  Difference between resident and recorded deaths; urban and rural: unitro states, 1939-48

AREA	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
Urban	+9.2	+8.7	+8.7	+8.6	+7.7	+8.9	+8.7	+8.5	+7.4	+6.7
Places of: 100,000 or more			+5.8							+5.0 +10.9
25,000 to 100,000 10,000 to 25,000 2,500 to 10,000		+12.8	+14.3 +12.7 +7.6	+12.7	+12.8	+13.5	+13.4	+13.4	+12.1	+9.1 +5.2
Rurel	-15.6	-14.9	-15.1	-14.9	-12.9	-14.6	-13.8	-12.9	-11.Z	-10.0

<sup>1</sup> In computing percentages, resident deaths have been used as the base.

TABLE S.—RESIDENT AND RECORDED DEATES, AND PERCENTAGE DIFFERENCE: 92 MAJOR CITIES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

	Deaths of	Deaths in	DIFFE	RENCE
AREA	residents	area	Number	Percent-
Akroni	2,294	2,578	+84.	+3
Albany	1,795	2,041	+246	+13
Atlanta	3,541	4,033	+492	+13
Baltimore	10,874 3,021	11,510 3,360	+636 +347	+5 +11
loston	9,972	11,387	+1,415	+14
Pridgeport	1,734	1,864	+130	+7
huffalo	6,474	7,170	+696	+30
embridge	1.607	1,575	-32	-2
emdon	1,305	1,692	+387	+29
enton	1,237	1,318	+81	+6
harlotte	1,032	1,360	+328	+31
hattanooga	1,553 39,078	1,911 37,878	+358	+23
			-1,200	-3
Incianati	6,575	7,284	+709	-+10
olmpns	9,883 3,978	10,348 4,668	+465 +690	+4 +17
911es	3,273	3,911	+638	+19
ayton	2,820	2,995	+175	+6
enver	4,201	4,786	+585	+33
es Moines	1,900	2,364	+464	+24
etroit		15,008	+38	
uluth	14,970 1,141	1,265	+124	+0 +10
11 zaheth	1.161	1,252	+91	+7
rie	1.346	1,481	+135	+10
all River	1,430	1,510	+60	+5
lint	1,320	1,447	+127	+9
ort Wayne	1,342	1,532	+190	+14
ort Worth	2,369	2,498	+129	+5
RFV	1,240	1,273	+33	+2
rand Rapids	1,855	1,900	+45	+2
artford	1,806	2,239	+433	+24
onston	5,133	5,297	+164	+3
ndianapolis	4,929	5,529	+600	+12
acksonville, Fla	2,223	2,381	+158	+7
ersey City	3,239	3,619	+380	+31
enses City, Kens	1,367	1,566	+199	+14
ansas City, Mo	5,086	5,404	+318	+6
nozvillecng Beach	1,169	1,559	+390	+35
os Angeles	2,522 20,702	2,220 20,933	-302 +231	-12 1+
cuisville	4,357	4,698	+341	+7
ovell	1,300	1,371	+71.	+5
emphis	3,355	4,292	+937	+27
iamiiamiiamiiamiiamiiamiilwaukeeilwaukee	2,343	2,363	+22 -398	+0 -6
inneapolis	6,164 5,009	5,766 5,583	+574	+11
esbyille	2,142	2,556	+414	+19
ewark, N. J	4,816	5,089	+273	+5
ew Bedford	1,313	1,307	-6	-0
OUT TOTOM	1,882	2,232	+350	-0 +18
ev Orleano	6,093	7,398	+1,305	+21
ev Tork	82,323	81,636	-687	-0
orfolk	1,898	2,012	+314	+6
skland	4,199	4,685	+486	+11
klahoma City	1,957	2,398	+441.	+55
mshg	2,542	2,923	+381	+15
aterson	1,551	1,913	+362	+23
eoria	1,141	1,439	+298	+26
hiladelphia	23,843	24,605	+762	+3
ittsburgh	7,618	8,682	+1,064	+14
ortland, Oreg	4,403	4,706	+303	+6
rovidenca	2,832	3,191	+359	+12
eading	1,350	1,259	-91	-6
Ichmond	2,604	3,119	+515	+19
ochester	3,631	4,045	+41.4	+11
acramento	1,704	2,100	+396	+23 +10
	10,364 3,139	11,453	+1,069 +301	+10
t. Paul	1,543	3,440 1,995	+452	+29
en Antonio	4,007	4,215	+208	+5
an Diego	2,761	3.075	+314	+11
en Francisco	9,354	9,890 1,752	+536	+5
eattle	1,516	1,752	+236	+15
omerville	5,334 1,120	5,586 941	+252 -179	+4 -16
outh Bend	1,053	1,125	+72	+6
•			1	
pokane	1,680	1,967	+287	+17. +11.
pringfield, Massyracuse	1,742 2,188	1,944 2,542	+202	+1.1. +16.
SCOME	1,709	1,846	+137	+8
anpa	1,570	1,567	-3	-0
oledo	3,930	4,213	+283	+7
renton	1,561	1,873	+312	+20
			+156	
bics	1,562	1,719	+156	+10 +B
ashington, D.C	1,420 8,197	1,546 8,388	+126	+8
ichita	1,403	1,567	+164	+11
	7,200	1,603	+230	+1.6
ilmington, Del,	T.373 I			
ilmington, Del	1,373 2,544	2,756	+212	+8
11mington, Del	1,373 2,544 1,423 1,906	2,756 1,401 2,076		+8. -1. +8.

<sup>&#</sup>x27;In computing percentages, resident deaths have been used as the base.

NOTE.—Cities shown are those having populations of 100,000 or more according to
the 1940 census.

#### 891563 O-50-2

#### **NATALITY STATISTICS**

#### Births in 1948

During 1948, there were 3,535,068 live births registered in the United States. This is the second largest number recorded in the history of the country and is only 4.5 percent lower than the peak figure of 3,699,940 reached in 1947. The 1948 figure appears even more striking when compared with corresponding numbers in the prewar period. In 1940, 8 years earlier, registered births were about 1,175,000 lower than in 1948.

The crude birth rate in 1948 was 24.2 per 1,000 population excluding the armed forces overseas. This is 6.2 percent less than the 1947 rate (25.8), the highest recorded since the birth-registration area was formed in 1915.

Between 1947 and 1948, the rate for women in all age groups, other than 15-19 years, decreased. First births declined sharply following a comparable decline in the marriage rate during the previous year. Rates indicating the births of second and third children continued to increase in 1948

#### Natality trend

Analysis of the long-term trend in the crude birth rate is limited by the comparatively short period since the national birth-registration area was formed. This area was established in 1915 with 10 States and the District of Columbia, and until 1933 there was only partial coverage of the United States (tables B and T). The number of births reported in the expanding birth-registration area and the crude birth rate for each year since 1915 are shown in table U. The table also gives the estimated midyear population of both the continental United States and the States included in the birth-registration area.

TABLE T.—YEAR IN WHICH EACH STATE WAS ADMITTED TO THE RIGHT-REGISTRATION AREA

YEAR	STATE	YEAR	STATE	TRAR	STATE
1915	Connecticut Maine	1917	Utah Virginia	1925 1926	West Virginia
	Massachusetts Michigan		Washington Wisconsin	1925	Arizona Idaho Alabama
	Minnesota New Hampshire	1919			Arkansas Louisiana
	New York Pennsylvania	1920	South Carolina		Missouri Tennessee
	Rhode Island <sup>1</sup> Vermont	1921	Mississippi	1928	Colorado Georgia
1916	Dist. of Columbia <sup>2</sup> Maryland	1988	New Jersey Illinois	1929	Oklahoma Nevada
	Indiana Konses	1	Montana Wyoming	1932	New Mexico South Dakota
	Kentucky North Carolina	1924	Florida Iowa	1953	Texas
	Ohio		North Dakota		

Dropped from the birth-registration area in 1919; readmitted in 1921.

The trend in the crude birth rate for the birth-registration States is characterized by slight variation between 1915 and 1918, a sharp drop for the first year after World War I (1919) followed by increases the next 2 years to a postwar peak of 24.2 in 1921. The birth rate then declined at a relatively rapid rate until 1933 when it reached an all-time record low of 16.6. After 1933, there was an irregular upward movement through 1940, followed by a more rapid rise in 1941 and 1942, and a moderate increase in 1943, to the high point for World War II period—21.5 per 1,000 population including the armed forces overseas. The birth rate declined during the last 2 years of the war, then rose sharply in the immediate postwar period to the 1947 high (25.8). Although the rate declined in 1948, it was still high in comparison with war and prewar years.

The rise in the birth rate during the years 1940 through 1943 is generally ascribed to a high degree of prosperity and

Included in States.

Spropped from the birth-registration area in 1925; readmitted in 1928.

various war factors.13 The decline during 1944 and 1945 is due in part to the absence of large numbers of young men from the United States for prolonged periods of time. Despite these decreases, the 1945 birth rate was higher than those for the years immediately prior to the war. The sharp rise in the birth rate during the first two postwar years undoubtedly reflects the demobilization of the armed forces at the end of 1945 and in the early part of 1946, the record number of marriages which ensued, and the continued high levels of employment. The decline between 1947 and 1948 may be traced to the drop in the marriage rate which occurred the previous year.

TABLE U. -- CRUDE BIRTH RATES: BIRTH-REGISTRATION STATES, 1915-48 (Exclusive of stillbirths. Rates per 1,000 estimated midwear population)

	Estimated midyear	BIRTS-F	EGISTRATION ST	ATES
YEAR	population of continental	Estimated	Birt	hя
	United States <sup>1</sup>	midyear population <sup>2</sup>	Number	Rate <sup>3</sup>
1948	146,571,000	146,113,000	3,535,068	24.2
1947	144,024,000	143,405,000	3,699,940	25.8
1946	141,235,000	141,235,000	3,268,672	23.3
1945	139,585,518	139,595,518	2,735,456	19.6
1944	138,083,449	138,083,449	2,794,800	20.2
1943	136,497,049	136,497,049	2,934,860	21.5
1942	134,664,924	134,664,924	2,808,996	20.9
1941	133,202,873	133,202,873	2,513,427	18.9
1940	131,970,224	131,970,224	2,360,399	17.9
1939	130,879,718	130,879,718	2,265,588	17.3
1938	129,824,939	129,824,939	2,286,962	17.6
1937	128,824,829	128,824,829	2,203,337	17.1
1936	126,053,180	128,053,180	2,144,790	16.7
1935	127,250,232	127,250,232	2,155,105	16.9
1934	126,373,773	126,373,773	2,167,636	17.2
1933	125,578,763	125,576,763	2,081,232	16.6
1932	124,840,471	118,903,899	2,074,042	17.4
1931	124,039,548	117,455,229	2,112,760	18.0
1930	123,076,741	116,544,946	2,203,958	18.9
1929	121,769,939	115,317,450	2,169,920	18.8
1928	120,501,115	113,636,160	2,233,149	19.7
1927	119,038,062	104,320,830	2,137,836	20.5
1926	117,399,225	90,400,590	1,856,068	20.5
1925	115,831,963	88,294,564	1,878,880	21.3
1924	114,113,463	87,000,295	1,930,614	22.33
1923	111,949,945	81,072,123	1,792,646	22.1
1922	110,051,778	79,560,746	1,774,911	22.3
1921	108,541,489	70,807,090	1,714,261	24.2
1920	106,466,420	63,597,307	1,508,874	23.7
1919	104,512,110	61,212,076	1,373,438	22.4
1918	103,202,801	55,153,782	1,363,649	24.7
1917	103,265,913	55,197,952	1,353,792	24.5
1916	101,965,984	32,944,013	818,983	24.9
1915	100,549,013	31,096,697	776,304	25.0

The birth rates for whites and nonwhites are shown in table W for the period 1920 to 1948. The rate for the nonwhite group is higher than that for the white in every year and, as discussed in the next section, the differences are even greater when adjustments are made for underregistration and for incompleteness of the registration area.

Between 1947 and 1948, the unadjusted rate for the white population declined by 7.5 percent, while that for the nonwhite increased by 4.6 percent. In previous years, the fluctuations in birth rates for the two groups have generally been in the same direction. During World War II, and the first 2 years of the postwar period, the rates for the white population varied more widely. The increase for the white group between 1940 and 1943 was 21.1 percent, and for the nonwhite

group, 11.1 percent. Decreases between 1943 and 1945 were 9.4 percent and 3.3 percent, respectively. From 1945 to 1947 the birth rate for the white population rose 32.8 percent, and that for the nonwhite, 21.0 percent.

TABLE W. -BIRTHS AND BIRTH RATES. BY RACE: BIRTH-REGISTRATION STATES. 1920-48 (Exclusive of stillbirths. Bates per 1,000 estimated midyear population in each specified group)

YEAR		NUMBER			RATE <sup>1</sup>	
IBAG	All races	White	Nonwhite	All races	White	Nonwhite
1948	3,535,068	3,080,316	454,752	24.2	23.6	29.
1947	3,699,940	3,274,620	425,320	25.6	25.5	28.
1946	3,288,672	2,913,645	375,027	23.3	23.0	25.
1945	2,735,456	2,395,563	339,893	19.6	19.2	23.
1944	2,794,809	2,454,700	340,100	20.2	19.8	23.
1943	2,934,860	2,594,763	340,097	21.5	21.2	24.
1942	2,808,996	2,486,934	322,062	20.9	20.6	23.
1941	2,513,427	2,204,903	308,524	18.9	16.5	22.
1940	2,360,399	2,067,953	292,446	17.9	17.5	21.
1939	2,265,588	1,982,671	282,917	17.3	16.9	21.
1938	2,286,962	2,005,955	281,007	17.6	17.2	21.
1937	2,203,337	1,928,437	274,900	17.1	16.7	20.
1936	2,144,790	1,881,883	262,907	16.7	16.4	80.
1935	2,155,105	1,698,012	267,093	16.9	16.5	20.
1934	2,167,636	1,898,501	269,135	17.2	16.7	20.
1933	2,081,232	1,823,531	257,701	16.6	16.2	20.
1932	2,074,042	1,822,425	251,617	17-4	17.0	Z1.
1931	2,112,760	1,867,245	245,515	18.0	17.7	21.
1930	2,203,958	1,953,163	250,795	18-9	18.6	21.
1929	2,169,920	1,924,475	245,445	18-8	18.5	21.
1928	2,233,149	1,982,246	250,903	19.7	19.4	22.
1927	2,157,836	1,925,585	212,251	20.5	20.2	23
1926	1,856,068	1,707,034	149,034	20.5	20.2	25.
1925	1,878,880	1,731,669	147,211	21.3	21.0	25.
1924	1,930,614	1,762,872	167,742	22.2	21.9	26.
1923	1,792,646	1,644,034	148,612	22.1	21.9	25.
1922	1,774,911	1,629,387	145,524	22.3	22.1	25.
1921	1,714,261	1,565,446	148,815	24.2	23.9	27.
1920	1,506,874	1,395,523	113,351	23.7	23.5	27

 $<sup>^{1}</sup>$ For 1947-48, based on populations excluding armed forces overseas; for 1940-46, on populations including armed forces overseas.

#### Births in the United States adjusted for underregistration

Table Y presents estimates of births for the United States from 1915 through 1948. These figures are adjusted for incompleteness of the registration area in the years prior to 1933 and for underregistration.14 The estimated total number of births, registered and unregistered, that occurred in the United States during 1948 is 3,702,000, and the rate for the year is estimated at 25.3 per 1,000 population excluding the armed forces overseas.

The trend from 1915 through 1948 in the adjusted rate was generally similar to the course followed by the rate for the birth-registration area. For the country as a whole, however, the relative decline from 1921 to 1933 was somewhat greater than that for the expanding area and the increase from 1940 to 1948 was not quite as marked when measured by the corrected rates.

In the early years, the adjusted rates were as much as 18 percent above those for the more limited group of States. This gap narrowed with the addition to the birth-registration area of States with high birth rates, and with the improvement in registration completeness. By 1933, when the area was completed, the adjusted rate was only 11 percent higher, and by 1948 the difference was reduced to less than 5 percent. The adjusted series reveals the important fact that the 1947 rate

<sup>&</sup>lt;sup>1</sup>For 1940-48, includes armed forces overseas. <sup>2</sup>For 1947-48, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

Skate for 1948 including armed forces overseas is 24.1; for 1947, 25.7.

<sup>13</sup> See pages 26-28, "Forecasts of the Population of the United States, 1945-1975," by P. K. Whelpton, issued by the Bureau of the Census, for discussion of causes of the shorttime changes in birth rates.

<sup>14</sup> Correction factors for years prior to 1935 were prepared by P. K. Whelpton and are being published in one of the Vital Statistics—Special Reports by the National Office of Vital Statistics. Percentages of registration completeness for the period 1935 to 1948 are given in table E.

was exceeded by the rates for each of the years from 1915 to 1921, except 1919. In contrast, 1947 represented the peak year for rates based on registered births.

The rate for the nonwhite group is more greatly affected than the rate for the white by adjustments for underregistration and incompleteness of the registration area. As a result of such adjustments, the difference between the rates for the two race groups in each year increases. In 1948, for example, the birth rate for registered events among the nonwhite was 25.0 percent higher than the rate among the white. When allowance is made for underregistration, the rate for the nonwhite race group is 41.6 percent higher.

Estimates of the number of births in table Y indicate that the decline in the crude birth rate between 1921 and 1933 meant a decrease in the annual number of births from 3.055.000 to 2,307,000. This change could not be obtained directly from data for the expanding registration area. The estimates also give a more nearly adequate basis than registered birth figures for judging requirements in such fields as school, business, etc. This is particularly true when births covering several years are being considered. For example, a calculation of the number of children of grammar school ages in 1954 would be based on the number of births during the years 1941 through 1948, with allowance for mortality. The total number of registered births for this 8-year period was 24,311,219, while the estimated total number corrected for underregistration was 25,739,000, nearly one and a half million more.

#### Natural increase of population

In 1948, the numerical natural increase of the population was the second highest in the history of this country. The annual increase for 1948 (the total number of births less the number of deaths in the year) was estimated at 2,251,000, or only 169,000 less than in 1947, the previous peak year. In 1940, the annual natural increase amounted to only 1,130,000. Estimates of the number of unregistered births and infant deaths and the number of deaths among the armed forces overseas were included with registered births and deaths in determining the natural increase of the population,

#### Crude birth rates by State

Table Z presents 1948 birth rates for each State and geographic division by place of residence. The State rates ranged from a high of 35.9 per 1,000 population present in the area for New Mexico to a low of 20,5 for New Jersey. In 3 States, the rate exceeded 30.0, in 18 States it was between 25.0 and 30.0, and in 28 States between 20.0 and 24.9. As in previous years, the high rates in 1948 were found in the Southern and Mountain States.

Between 1947 and 1948 the birth rate decreased in every State, but remained much higher than the immediate prewar levels for all States. The largest relative decreases in 1948 occurred in the New England, Middle Atlantic, and Pacific Divisions.. These areas have consistently had the lowest birth rates, notwithstanding the fact that they showed the largest percentage increases in rates between 1940 and 1948.

It will be noted that for 1940, State rates were based on the civilian population and for 1947 and 1948 on the total population present in the area (including the armed forces stationed there). Because of the small number of men in the armed forces in each of these years, this does not affect the comparability of the rates.

To some extent, the differences between 1947 and 1948 birth rates for several States may be due to changes in the technique for estimating the population base. 35 An extreme TABLE Y.—ESTIMATED LIVE BIRTHS AND BIRTH RATES CORRECTED FOR UNDERREGISTRATION, BY RACE: UNITED STATES, 1915-48

(Includes an adjustment for States not in the birth-registration area prior to 1933. Estimates were rounded to the nearest thousand without being adjusted to totals, which were independently rounded. Rates per 1,000 estimated midyear population in each specified group)

		NUMBER			RATE <sup>1</sup>	RATE <sup>1</sup>					
YRAR	All. races	White	Nonwhite	All races	White	Monwhite					
194B	3,702,000	3,173,000	529,000	25.3	24.3	34.4					
1947	3,876,000	3,377,000	499,000	27.0	26.3	33.1					
1946	3,458,000	3,013,000	445,000	24.5	23.8	30.0					
1945	2,894,000	2,487,000	408,000	20.7	19-9	28.0					
1944	2,969,000	2,558,000	411,000	21.5	20.7	28.7					
1943	3,127,000	2,713,000	413,000	22.9	22.2	- 29.3					
1942	3,003,000	2,610,000	393,000	22.3	21.6	28.4					
1941	2,710,000	2,332,000	378,000	20.3	19.5	27.7					
1940	2,558,000	2,199,000	360,000	19,4	18.6	26.7					
1939	2,466,000	2,117,000	349,000	18.8	18.0	26.1					
1938	2,496,000	2,148,000	348,000	19.2	16.4	26.3					
1937	2,413,000	2,071,000	342,000	16.7	17.9	26.0					
1936	2,355,000	2,027,000	328,000	18.4	17.6	25.1					
1935	2,377,000	2,012,000	334,000	18.7	17.9	25.8					
1934	2,396,000	2,058,000	338,000	19.0	18.1	26.3					
1933	2,307,000	1,982,000	325,000	18.4	17.6	25.5					
1932	2,440,000	2,099,000	341,000	19.5	18.7	26.9					
1931	2,506,000	2,170,000	335,000	20.2	19.5	26.6					
1930	2,618,000	2,274,000	344,000	21.3	20.6	27.5					
1.929	2,582,000	2,244,000	339,000	21.2	20.5	27.3					
1926	2,674,000	2,325,000	349,000	22.2	21.5	28.5					
1927	2,802,000	2,425,000	377,000	23.5	22.7	31.1					
1926	2,839,000	2,441,000	398,000	24.2	23.1	33.4					
1925	2,909,000	2,506,000	403,000	25.1	_ 24.1	34.2					
1924	2,979,000	2,577,000	401,000	26.1	25.1	34.6					
1923	2,910,000	2,531,000	380,000	26.0	25.2	33.2					
1922	2,882,000	2,507,000	575,000	26.2	25.4	33.2					
1921	3,055,000	2,657,000	398,000	28.1	27.5	35.8					
1920	2,950,000	2,566,000	385,000	27.7	26.9	35.0					
1919	2,740,000	2,387,000	353,000	26.2	25.5	32.6					
1918	2,948,000	2,588,000	360,000	28.6	, 2B.0	33.2					
1917	2,944,000	2,587,000	357,000	28.5	28.0	32.9					
1916	2,964,000	2,599,000		29.1	2B.5						
1915	2,965,000	2,594,000		29.5	2B.9						

<sup>1</sup>For 1947-48, based on populations excluding armed forces overseas; for 1940-46, on populations including armed forces overseas.

SOURCE: Estimates for 1915-54, prepared by P. K. Whelpton, Scripps Foundation; estimates for 1935-48, prepared by the National Office of Vital Statistics. Methods used provide a consistent time series.

example is found in Nevada, where the population estimate for 1948 was 18 percent higher than that for the previous year. Thus, while the number of births decreased by only 8.6 percent between 1947 and 1948, the birth rate declined by 22.7 percent.

Comparisons of State rates for 1947 and 1948 with any of the years 1941 to 1946 should also be made with caution. Heavy mobilization of men into the armed forces during the war and their subsequent demobilization in the latter half of 1945 and in 1946 had an important effect on the population bases used for computing these rates. Another factor was the rapid change in the composition of the resident populations resulting from the extraordinarily large internal migration during the war years.

In comparing birth rates by State, the effect of variation in the completeness of birth registration should be considered, Detailed State data on completeness in 1940 are shown in table D. These figures indicate that, in general, birth registration was more complete in States having low birth rates and less complete in States with relatively high rates. Although improvement in registration completeness has probably not been uniform throughout the country since 1940, it is estimated that the same tendency persists. Thus, if differences in completeness of registration are taken into account, it is clear that the variation in the true birth rates must be greater than in the recorded rates. Variations in the age, race, residence (urban or rural), and marital compositions of the populations contribute to the differences in the State crude birth rates.

<sup>&</sup>lt;sup>15</sup>Bureau of the Census, "Current Population Reports, Population Estimates," Series P-25, No. 26, p. 2, 1949.

TABLE 2.—CHUDE BIRTH RATES AND PERCENTAGE CHANGE IN RATES: UNITED STATES, EACH DIVISION AND STATE, 1940, 1947, AND 1948

(By place of residence. Exclusive of stillbirths. Rates per 1,000 estimated midwear

AREA  UNITED STATES  GEOGRAPHIC DIVISIONS  New England Middle Atlantio	1918 <sup>1</sup>	1947 <sup>1</sup>	1940 <sup>2</sup>	PERCENTAC 1947 to 1948 <sup>3</sup>	1940 to 1948
UNITED STATES				to	to
CECCRAPHIC DIVISIONS  New England Middle Atlantic East North Central	24.2	25.8	12.0		
New England Middle Atlantic East North Central			71.9	-6.2	+35.2
New England Middle Atlantic East North Central					
Middle Atlantic					
East North Central	21.9	23.9	15.7 15.3	-8.4 -7.8	+39.5 +39.2
11 F G	23.6	25.1	17.1	-6.0	+38.0
West North Central	23_6	24.6	17.4	-4.6	+35.6
South Atlantic	27.2	28.7	20.8	-5.2	+30.8
East South Central West South Central	28.1	29.7	20.1	-5.4 -4.4	+28.9 +29.4
Mountain	28.9	31.1	21.6	-7.1	+32.6
Pacific	22.9	8.12	16.2	-7.7	+41.4
NEW ENGLAND	j				
Maine	24.6	27.0 24.8	18.0	-8.9	+36.7
Vermont	25.8	26.5	17.0 19.4	-4.0 -2.6	+40.0 +33.0
Massachusetts	21.0	23.3	15.2	-9.9	+38.2
Rhode Island	22.6	24.9	15.3	-9.2	+47.7
Connecticut	21.2	23.1	15.0	-8.2	+41.3
MIDDLE ATLANTIC					
New York	21.2	23-8	14.6 14.4	-7.0 -10.9	+45.2
Pennsylvania	21.7	23.6	16.7	-8-1	+42.4 +29.9
EAST NORTH CENTRAL					
Ohio	23.8	25.7	16.6	-7.4	+43.4
Illinois	23.6	25.1	18.0 15.8	-6.0 -5.2	+31.1
Michigan	24.9	26.5	18.8	-6.0	+39.9 +32.4
Wisconsin	24.7	25.9	17.5	-4.6	+41.1
WEST NORTH CENTRAL					
Minnesota	24.8	26.2	18.9	-5.3	+31.2
Missouri	23.2 21.9	24.6	17.7 16.2	-5.7 -5.2	+31.1 +35.2
North Dakota	26.5	31.5	20.6	-9.5	+38.3
South Dakota	26.8	28.6	18.9	-6.3	+41.8
Nebraska	24.3	25.0	16.8	-2.8	+44.6
Kansas	22.5	23.1	16.1	-2.6	+39.8
SOUTH ATLANTIC					
Delaware	24.2 24.8	26.5 26.5	17.0	-8.7	+42.4
District of Columbia	24.1	25.2	17.8 16.7	-6.4 -4.4	+39.3
Virginia	26.9	28.6	21.2	-5.9	+26.9
West Virginia	27.4	29.3	22.1	-6.5	+24.0
South Carolina	29.8	30.5 30.5	22.5 23.7	-5.6 -4.6	+28.0 +22.8
Georgia	29.3	30.3	21.0	-3.3	+39.5
Florida	24.5	25.7	17.8	-4.7	+37.6
EAST SOUTH CENTRAL		-	İ		
Kentucky	27.0	28.8	22.4	-6.3	+20.5
Alabama	25.8 29.4	28.0 31.1	18.8 22.3	-7.9 -5.5	+37.2 +31.8
Mississippi	20.9	31.7	24.2	-2.5	+27.7
West South Central				1	
Arkansas	24.8	25.6	19.7	-3.1	+25.9
Louisiana	28.3	29.3	21.5	-3.4	+31.6
Oklahoma	26.8	23.5 28.0	19.4 19.8	-6.4 -4.3	+13.4 +35.4
MOUNTAIN		-2			
Montana	29.4	30.9	20.6	-4.9	+42.7
Idaho	27.5	31.0	22.3	-11.3	+23.3
WyomingColorado	25.0	27.6	20.7	-5.8	+25.6
New Mexico	27.5 35.9	28.7	18.6 27.6	-4.2 -3.5	+47.8 +30.1
Arizona	27.3	29.7	22.8	-8.1	+19.7
Utah	30.9	33.9	24.1	-8.8	+28.2
	22.5	29.1	18.8	-22-7	+19.7
Nevada	ļ			- 1	
PACIFIC	as -				
	22.7	24.8 23.5	16.2	-8.5 -8.5	+40-1 +34-4

<sup>&</sup>lt;sup>1</sup>Rates for the United States and each State based on total population present in

#### Birth rates by urban-rural areas

Substantial increases in the birth rate occurred among both urban and rural residents during the war and postwar periods. The relative increase between 1940 and 1948 was much greater in the urban population than in the rural.

In 1948, the crude birth rate, based on registered births, for the urban population (24.7) was above the corresponding figure for rural residents (23.9). When birth rates per 1,000 women in the reproductive age span 15-44 years are considered, it is found that fertility in 1948 among rural women was higher than among the urban (table AA). These rates are better indices of fertility than the crude birth rates, since they take into account the sex distribution of the population in the area and, to an important extent, the age distribution of the women. The difference between urban and rural fertility rates is increased when underregistration is taken into account Birth registration is estimated to be more complete in urban than in rural areas. 16

Table AA.—Birth rates per 1,000 women aced 15-4 fears for urban and bural arbas: United States, 1940 and 1948

(By place of	σ£	residence.	Exclusive	οf	stillbirths)
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AREA	1948 <sup>1</sup>	1940 <sup>2</sup>	Percentage increase 1940 to 1948
Unadjusted for underregistration:			
UrbanRural	99.8	64.8 86.4	54.0 29.6
Adjusted for underregistration:			
Urban	1:1.8	67.4 97.7	51.0 24.7

<sup>&</sup>lt;sup>1</sup>Based on April 1, 1948, population estimates. <sup>2</sup>Based on April 1, 1940, enumerated populations

#### Birth rates by month

The marked increase in births during the postwar period began in June 1946. Table AB shows that there was little change in the monthly birth rate (on an annual basis) during the early months of 1946. Beginning in June, however, the rate increased sharply, climbing from 19.5 in May to 28.6 in November 1946, the highest monthly birth rate on record. There was a downward movement during the next year and a half, interrupted by minor fluctuations, but the rate remained well above the war and immediate prewar levels. In June 1948, the rate again began to rise sharply, increasing from 22.0 in May to 26.1 in September. Although this was followed by a decrease, the rates during the last 4 months of 1948 were about the same as those for the comparable months of the previous year.

For years prior to the war, the crude birth rate followed the consistent seasonal pattern which is summarized by the seasonal index in table AC. This index, based on monthly rates for the years 1933 to 1940, indicates that in the "normal" seasonal cycle the rate reaches a minor peak in February or March, and then decreases to a low point in May. The rate increases again to a major peak in August or Sep-

area.

\*\*Rate for the United States based on population including armed forces overseas; rates for the States based on civilian population in area. United States rate for 1940 on civilian population base was 17.9.

\*\*Some of the percentage differences shown are due to relatively large changes in the population estimates (see text).

<sup>16</sup> National Office of Vital Statistics, "Completeness of Registration of Births Occurring in Institutions and of Births not Occurring in Institutions: United States, December 1, 1939 to March 31, 1940," Vital Statistics-Special Reports, vol. 23, No. 8, 1946.

tember, after which it usually declines rapidly and reaches the lowest point of the year in December. Except for 1946, the monthly rates in each of the years from 1941 to 1948 also had a bimodal distribution, although wartime factors distorted the pattern characteristic of the previous years.

Births by month were not tabulated for the white and non-white races separately before 1942. Accordingly, it is not possible to compare the "normal" seasonal patterns of the two race groups. Monthly rates by race are shown in table AD for the period 1942 through 1948. From these rates, it is seen that both the war and the first postwar peaks in the birth rate occurred somewhat earlier for the white race than for the nonwhite. For the white race, these points were reached in October 1942 and November 1946; for the non-white races, in August 1943 and January 1947.

After the initial postwar rise, the rates for the white

TABLE AB.-BIRTH RATES BY MONTH: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates on an annual basis per 1,000 estimated midgeer population)

MONTH	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL	24.2	25.8	23.3	19,6	20.2	21.5	20.9	18.9	17.9
January	23.9	28.0	18.6	20.0	20.1	22.6	19.6	18.1	17.4
February	24.7	27.4	19.0	20.0	20,4	22.6	20.1	18.7	18.0
March	24.3	26.7	19.0	19.5	19.5	22.0	19.8	18.7	17. 7
April	23.2	24.8	19.0	18.7	18,8	21.0	18.9	18.3	17.3
May	22.0	24.9	19.5	1.8.7	19,0	20.4	18.7	17.5	17.4
June	22.4	25.6	20.9	19.6	20.3	21.4	19.7	19.3	17.8
July	24.9	26.1	23.9	20.3	21.7	22.3	20.9	20.7	18.8
August	25.9	26.2	26.1	20.5	21,6	22.5	. 21.8	20.3	19.1
September	26.1	26.3	28.0	20.6	81.0	22.4	23.3	19.7	19.1
October	24.9	25.3	28.3	19.5	20.2	21.0	23.2	18.3	17.6
November	24.3	24.5	28.6	19.0	20.2	20.1	22.3	18.3	17.2
December	23.9	23.7	28.2	18.7	20.0	19.7	21.9	18,5	17.2

NOTE. --Rates for 1947-48, based on populations excluding armed forces overseas; for 1940-45, on populations including armed forces overseas.

TABLE AC. --INDEX OF SEASONAL VARIATION IN CHURE BIRTH RATE: UNITED STATES, 1933-40 (Computed by median-link relative method)

МОНТЕ	Seasonal index	MORTH	Seasonal index
January February- March- April - May- June-	99.9 102.2 101.4 97.9 96.7 98.7	July—August—September—October—November—December—	103.8 105.4 104.8 98.9 95.7 94.6

TABLE AD. -- BIRTH RATES BY RACE AND MONTH: UNITED STATES, 1942-48

(Exclusive of stillbirths. Rates on an annual basis per 1,000 estimated midyear population in each specified group)

RACE AND MONTH	1948	1947	1946	1945	1944	1943	1942
WHITE	23.6	25.5	23.0	19.2	19.8	21.2	20.6
January	23.2	27.6	18.0	19.4	19.7	22.3	19.1
February	23.9	27.2	18.5	19.5	19.9	22.3	19.6
March	23.7	26.5	18.6	19.0	19.1	21.6	19.4
April	22.6	24.7	18.7	18.3	18.4	20.7	18.5
May	21.5	24.8	19.3	18.4	16.7	20.2	18.4
Jung	21.8	25.5	20.7	19.2	20.0	21.1	19.4
July	24.2	25.9	23.7	19.9	21.2	22.0	20.6
August	25.2	25.9	25.9	20.1	21.1	22.1	21.5
September	25.4	25.9	28.0	20.2	20.6	22.1	23.0
October	24.3	25.0	28.3	19.2	19.9	20.8	23. 2
November	23.7	24.1	28.5	18.6	19.9	19.8	22.3
December	23.2	23.2	28.0	18.3	19.5	19.4	21.6
NONWHITE	29.5	28.2	25.5	23.3	23.7	24.1	23.2
January	29.9	30.7	25.4	24,9	24.3	25.3	24.1
February	30.9	29, 7	23.7	25.0	24.3	25.5	24.7
Merch	29.5	28.5	22.8	23.6	23.2	25.2	23.4
April	27.7	25.8	21.2	22.5	22.0	23.5	22.4
Мау	26.3	25.6	21.1	21.8	21.6	22,4	23.0
June	26,7	27.0	22.7	22.6	23.5	23.6	21.9
July	30.9	28.5	25.0	23.9	25.7	25.3	23, 4
August	33.6	29.4	27.1	24.1	25.6	25.9	24.5
September	32.1	29.6	29.4	24.2	24.0	25.2	25.1
October	29.3	27.8	28.3	22.3	22.9	22.9	23.3
November	29,2	27.8	29.9	22.6	23.5	22.4	22.4
December	29,8	28.0	30.4	22.7	24,3	22.4	22.5

NOTE.—Rates for 1947-48, based on populations excluding armed forces overseas; for 1942-46, on populations including armed forces overseas.

population declined irregularly during the next 18 months. In the last 5 months of 1948, they were close to those for the comparable months of the previous year. For the nonwhite population, the rates appeared to move in a generally upward direction, after declining during the early months of 1947. The rates for February, July, August, and September, 1948 exceeded the January 1947 peak.

#### Age-specific birth rates

Birth rates for 5-year age groups of mothers indicate that the high crude birth rates during the postwar years have been due mainly to increased fertility among women under 30 years of age. Rates in most age groups were at a peak in 1947 (table AE). Between 1947 and 1948; the birth rate among 15-19 year old women rose slightly, but rates in all other age groups declined. Despite this general drop, however, the 1948 rates were considerably higher than the corresponding rates in 1940. The relative increase, at a high for the 15-19 year olds (63 percent), was smaller in each succeeding group, amounting to 9 percent for the 40-44 year old women.

From 1940 through 1948, the rates for women 15 to 29 years of age fluctuated more extremely than did those for the older women. As might be expected, the shifting of men which occurred during the different phases of the war, the high marriage rate, and psychological factors related to the war, had a more immediate and clearly defined effect on fertility among women under 30 years of age.

In considering the changes in fertility in the age groups between 15 and 44 years, it is also useful to examine the age-specific rates for women (a) in 1921, when the crude birth rate was at its post World War I peak; (b) at their all-time low points; and (c) in 1948 (table AF). The outstanding features of this comparison follow:

1. The relative decline between 1921 and the low point was least for the 15-19 year olds, and most severe at the other end of the age range. The rate in the 40-44 year old group

TABLE AE. —BIRTH RATES BY AGE OF MOTHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

AGE OF MOTHER	1948	1947	1946	1945	1944	1943	1,942	1941	1940
15-44 years1	104,8	110.1	98.3	82.2	84.5	69.3	86.0	77.6	73.5
10-14 years	0.9	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
15-19 years	79.7	76.7	56.9	48.8	51.4	57.6	56.5	51.8	48.9
20-24 years	192,6	200.1	171.7	150.1	1.41.7	152.8	153.9	134.9	125.0
25-29 years	160.3	172.5	157.3	128,4	132.0	142.1	136.1	121.2	114.1
30-34 years	100.3	107.5	103.6	94.7	92.3	93.4	86.1	79.6	77.1
35-39 years	53.3	57.3	56.7	54.6	52,1	49.8	44.8	42.4	41.8
40-44 years	15.1	15.9	15,6	15,5	15.0	14.5	13.5	13.6	13.9
45-49 years	1.1.	1.2	1.2	1,3	1.1	1.2	1.2	1.3	1.3
50-54 years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

<sup>1</sup>Bates for age group 15-44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 55 and over) to female population aged 15-44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

TABLE AF.—BINTH RATES BY AGE OF MOTHER: BINTH-REGISTRATION STATES, 1921, 1946, AND LOW YEARS

(Exclusive of stillbirths. Estes per 1,000 estimated female population in each specified group)

				* /			
age of moteur		BIRTH RATES		FERCENTAGE CHANGE <sup>1</sup> BETWEEN—			
	1.921	Low points	1948	1921 end low points	Low points and 1948	1921 and 1948	
15-19 years 20-24 years 25-29 years 30-34 years 40-44 years	52.4 150.4 150.2 115.3 78.1	42.1 (1933) 109.2 (1933) 104.7 (1933) 71.9 (1936) 41.7 (1939) 13.5 (1942)	79.7 192.8 160.3 100.3 53.3 15.1	19.7 -27.4 -30.3 -37.6 -46.6 -56.2	+89.3 +76.6 +53.1 +39.5 +27.6 +21.9	+52.1 +28.2 + 6.7 -13.0 -31.8	

 $^1\mathrm{Mo}$  adjustment made for differences in registration completeness or States not included in registration area in 1921.

decreased to less than half of the earlier figure.

- 2. Rates for the age groups 15 through 29 years began to rise after 1933. With each older age group there was a lag of 2 or 3 years before the upward movement started. The first increases in many years in the rate for women 40-44 years of age did not occur until after this country's entry into the war.
- 3. Only rates for age groups under 25 were appreciably higher in 1948 than in 1921. The relative increase in the rate for the age group 15-19 years was especially large. In contrast, the 1948 rate for women 40-44 years remained far below the rate for 1921.

It should be noted that the 1921 data are for the birth-registration States of that year. This results in understatement of the percentage decreases in age-specific birth rates between 1921 and 1948 and in an overstatement of the increases between these 2 years because States in the registration area in the earlier year generally had lower rates than those added later. Increases from the low points are also somewhat overstated in view of the improvement in registration completeness.

Variations in the birth rates by age of father between 1940 and 1948 are similar in many respects to the changes in the rates by age of mother (table AG).

TABLE AG. -- BIRTH RATES BY AGE OF FATHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated male population in each specified group)

age of father	1948	1947	1946	1945	1944	1943	1942	.1941	1940
15-54 years <sup>1</sup>	86.3	91.1	80.2	67.1	68.6	72.4	69.8	63.0	59.6
10-14 years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19 years	11.9	11.8	10.6	10.3	9.8	10.4	8.0	6.6	6.2
20-24 years	131.1	135.0	100.4	76.0	84.4	95.5	97.5	85.1	79.2
25-29 years	179.0	192.9	166.4	125.9	135.8	151.0	151.5	133.7	124.2
50-34 years	138.8	148.0	137.3	118.8	118.0	124.7	118.5	107.6	102.5
35-39 years	87.1	93.7	92.5	85.6	82.4	62.3	74.7	69.7	67.2
10-44 years	45.1	47.1	46.7	46.8	45.6	42.2	38.2	37.1	36.8
15-49 years	19,2	20.4	20.9	21.0	19.5	19.1	18.0	17.3	17.5
i0-54 years	7.1	7.6	7.9	8.0	7.9	7.6	7.1	7.0	7.2
55 years and over-	1,4	1.5	1.4	1.7	1.7	1.7	1.6	1.6	1.0

<sup>1</sup>Rates for age group 15-54 years computed by relating total births, regardless of age of father (including age "Not stated"), to make population 15-54 years. Figures for age "Not stated" have not been distributed among the specified age groups.

NOTE.—Rates for 1947-48, based on make populations excluding armedforcs overseas; for 1940-46, on make populations including armed forces overseas. Rates based on make populations comparable with 1940-46 are: for 1947, 89.8; for 1948, 85.4.

Major increases in the first 2 postwar years occurred in the rates for men 20 to 34 years of age. For the 20-24 year olds, the rise between 1945 and 1947 amounted to 78 percent. The rates for all groups of men in the age interval 20 to 44 years reached their peaks for the war and postwar period in 1947, and then declined. Changes in 1948 lowered the rate for the 20-24 year olds only slightly. The rates in the other age groups showed larger declines.

Relatively greater gains between 1940 and 1948 were recorded in the fertility rates for young as against older men; thus, the comparative levels of their birth rates changed materially. For example, in 1940, the rate for the 20-24 year old group was far below the rate for men 30-34 years, but the 1948 rates in these two age intervals were about the same.

The differential effect of the war on the various age groups is evident in the course of the age-specific rates after 1942. Thus, the rates for the 20 to 29 year old men, the groups most subject to military service, declined in each of the years 1943 to 1945 and fell below the 1940 rates. For the two age groups 15-19 and 30-34, the rates decreased between 1943 and 1944, but rose again the next year. Finally, the rates for men between 35 and 44 years of age increased continuously during the whole war period.

In regard to the birth rates by 5-year age groups of fathers, each year about 3 percent of the birth records do not give the age of the father. These unknown ages, many of which are related to illegitimate births, are not distributed in the computation of the age-specific rates.

Detailed statistics by age of mother and by age of father, tabulated by place of residence, are given in "Vital Statistics of the United States, Part II."

#### Birth rates by age of mother and race

Age-specific birth rates for women by race are presented in table AH for the years 1940 through 1948. It will be noted that between 1947 and 1948 fertility declined only in the white group. The rate for nonwhite women aged 15 to 44 years increased 6.4 percent. In the first postwar year, 1946, the rate had risen more sharply for white than for nonwhite women, while during 1947 both groups had experienced equivalent gains. With respect to changes in the rates for white and nonwhite women during the period 1940 through 1945, more pronounced variation occurred in the rates for white women, although the war had a marked effect on the fertility in both race groups.

TABLE AH. -- BIRTH RATES BY RACE AND AGE OF MOTHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

RACE AND AGE OF MOTHER	1948	1947	1946	1945	1944	1943	1942	1941	1940
WHITE									
15-44 years <sup>1</sup>	102.8	109.6	97.9	81.0	83.4	88.7	85.6	76.5	72.3
10-14 years	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
15-19 years	70.4	68.6	49.5	41.1	43.9	50.0		44.6	42.2
20-24 years	189.5	199.9	171.5	127.7		152.2		133.7	123.5
25-29 years	161.8	176.6	161.3	130.6	134.7	146.6		124.2	116.6
30-34 years	101.7	110.2	106.4	96.7		95.6		80.7	78.2
35-39 years	52.5	57.0	56.6	54.3	51.9	49.8	44.7	42.2	41.7
40-44 years	14.8	15.7	15.4	15.4	14.9	14.3	13.2	13.3	13.7
45-49 years	1.0	1.1	1.1	1.2		1.1	1.1	1.2	1.2
50-54 years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nonwhite									
15-44 years <sup>1</sup>	121.5	114.2	101.3	92.4	93.1	93.6	89.7	86.8	83.1
10-14 years	4.3	4.i	3.4	3.5	3.5	3.5	3.4	3.3	3.1
15-19 years	144.8	134.2	110.7	105.1	106.9	115.2	111.8	107.4	100.9
20-24 years	218.2	201.6	173.9	148.7	155.4	157.4	151.6	144.1	136.8
25-29 years	148.3	137.9	125.2	110.8	110.4	106.8	100,1	97.3	94.4
30-34 years	89.4	85.8	81.1	78.2	78.0	75.5	71.4	70.1	66.9
35-39 years	59.2	59.7	58.1	57.8	53.9	50.5	45.7	43.9	42.0
40-44 years	17.9	17.0	17.2	16.9		15.9	15.5	16.1	16.0
45-49 years	1.9	2.0	8.8	2.2	1.9	2.0	2.0	2.0	2.2
50-54 years	0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.2
-									

'Rates for age group 15-44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 55 and over), to female population aged 15-44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

The 1948 rates for all age groups of nonwhite women under 35 years showed an increase over comparable rates for the previous year. In the white race, only the rates for women under 20 years of age rose during the year. Between 1940 and 1948, the rates for the 15-19 year age group of white women increased 67 percent as compared with 44 percent for the same age group of nonwhite women. In the older groups, the rise was greater for nonwhite women than for white.

During the period 1940 through 1948, as in previous years, nonwhite women under 20 maintained much higher rates than white women at these young ages. In the age groups between 25 and 34 years, the rates for white women were higher than those for nonwhite. In the early war and postwar years, the rates for white and nonwhite women aged 20-24 years differed only slightly, but in the other years the rates in this age group were appreciably higher for the nonwhite races. The difference in the rates for white and nonwhite women, usually small at ages 35-39 years, increased somewhat in 1948.

#### Gross and net reproduction rates

A measure frequently used to summarize fertility in an area or race group is the gross reproduction rate. This rate represents the number of daughters a hypothetical cohort of 1,000 women entering the childbearing period together would have during their lives (a) if they were subject to a given set of age-specific birth rates, and (b) if none of the cohort were to die before completion of the childbearing period. <sup>17</sup> Thus, a cohort of 1,000 women would bear 1,542 daughters in their lifetime if they experienced the same age-specific birth rates that occurred in 1948, and there were no deaths in this group before the end of their reproductive period (table AJ).

At no time in the history of this country has the gross reproduction rate been less than 1,000, although it was very close to this point in the 1930's. During World War II, it rose to well above 1,000, increased very markedly in the first two postwar years, and then dropped slightly in 1948. Gross reproduction rates for white and nonwhite women are also shown in table AJ. The rate for nonwhite women has consistently been much higher than that for white women.

TABLE A.J.—GROSS AND NET REPRODUCTION RATES BY RACE: UNITED STATES, 1935-48

(Births corrected for underregistration)

		-						
	GROSS	REPRODUCTION :	rate	NET REPRODUCTION RATE				
YUSAR	All	White	Nonwhite	All races	White	Norwhite		
1948	1,542	1,484	1.,975	1,462	1,415	1,798		
1947	1,613	1.578	1,875	1,524	1,502	1,693		
1946	1,443	1,411	1,688	1,359	1,340	1,515		
1945	1,224	1,180	1,564	1,144	1,311	1,382		
1944	1,258	1,216	1,577	1,171	1,141	1,385		
1943	1,329	1,297	1,584	1,233	1,214	1,385		
1942	1,282	1,252	1,511	1,190	1,173	1,316		
1941	1,169	1,133	1,468	1,076	1,054	1,252		
1940	1,116	1,079	1,414	1,023	1,000	1,205		
1939	1,088 [	1,052	1,373	992	970	1,162		
1938	1,333	1,078	1,381	3,033	990	1,161		
1937	1.085	1 7.049	1.363	980	959	7,132		

1,317

962 975

945 958 1,090

NOTE. -Figures for age of mother "Not stated" distributed.

1.039

1,071

The net reproduction rate is based on the specific fertility and mortality conditions existing in a time period. A rate of 1,000 means that, with the age-specific birth and death rates experienced in a certain year (or years), a cohort of 1,000 newly born girls would bear just enough daughters to replace themselves. <sup>18</sup> During the 1930's, the net reproduction rate was almost continually below 1,000. If the rate had remained at that level, it would have resulted eventually in a decrease in the population unless migration offset the losses. The sharp rise in fertility following World War II resulted in net reproduction rates for 1947 and 1948, which, if continued, would lead to an eventual increase in the population of between 40 and 50 percent per generation.

In the white race group, the net reproduction rate has exceeded 1,000 each year since 1941. The rate for white women was well below replacement level in the 1930's. In contrast, the net reproduction rate among nonwhite women has always been above 1,000. It will be noted that in each year

the difference between the gross reproduction rate for white women and the comparable one for nonwhite is larger than the difference between the net reproduction rates. This is due to the higher age-specific mortality rates found among nonwhite women than among white.

In more recent years, research and experience in the field of fertility and population forecasting have emphasized the serious shortcomings of the net reproduction rate as a predictive measure. <sup>18</sup> The rates given in this volume are intended only for use as summary measures of specific fertility and mortality conditions in a stated year.

#### Birth order, age of mother, and race

The decrease in the fertility rate between 1947 and 1948 resulted from a drop in first births (14 percent). This followed the decline (13 percent) in marriages the previous year. Moderate increases in second, third, and fourth order births partially offset the effect of the decrease in first births?

Table AK presents birth rates by order of birth (excluding stillbirths) per 1,000 female population, aged 15 to 44 years, for white and nonwhite race groups in each year from 1940 through 1948. The base populations used in these rates include segments of the female population in which the probability of having a child in a specified birth order is zero. Thus, in computing rates by first order of birth in a given year, the population base includes all women in the specified age group, regardless of whether they had children at the beginning of the year. <sup>21</sup> Despite this limitation, rates by order of birth serve the important function of indicating to what extent the various birth orders have contributed to the recent changes in the birth rate.

During World War II, the rates for the first three birth orders for white women reached their peaks in three successive years, beginning with 1942 for first births. Increases

TABLE AK .-- BIRTH RATES BY RACE AND BIRTH ORDER: UNLITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population 15-44 years of age in each specified group. Birth order refers to magher of children born alive to mother. Births occurring in Massachusetts, which does not require the reporting of birth order, are omitted in computing rates by birth order, and population figures for Massachusetts are excluded from the bases used for all such rates. Figures for Massachusetts are included in computing total birth rates by race)

RACE AND BIRTH ORDER	1948	1947	1946	1945	1944	1943	1942	1941	1940
WHITE <sup>1</sup>	102.8	109.6	97.9	81.0	83.4	88.7	BS.6	76.5	72.3
First	39.1	46.5	38.0	27.6	29.1	33.5	36.2	30.7	27.5
Second	30.3	29.8	27.3	22.1	22.9	24.6	21.9	19.6	18.6
Third	15.2	14.8	13.7	12.5	12.9	12.6	10.9	10.1	9,8
Fourth	7.2	7.1	. 7.0	6.6	6.7	6.5	5.8	5.6	5.5
Fifth	3.8	3.8	. 3.8	3.7	3.7	3.7	3.3	3.3	3.3
Sixth and seventh	3.5	3.6	3.7	3.7	3-8	3.7	3.5	3.6	5.7
Eighth and over	2.4	-2.5	2.6	2.7	2.8	2.8	2.8	2.9	3.1
KONWHITE <sup>1</sup>	121.5	114.2	101.3	92.4	93.1	93.8	89.7	86.8	83.1
First	33.9	34.3	26.7	23.9	24.2	25.8	25.8	24.5	23.2
Second	26.5	23.1	20.1	17.1	17.6	18.4	17.4	16.7	15.7
Third	17.2	25.0	13.6	12.3	12.9	12.6	12.1	11.7	11.2
Fourth	11.3	30.4	9.9	9.4	9,5	9.2	8.7	B.4	8.2
Fifth	8.0	7.5	7.3	7.1	7.0	6.7	6.4	6.3	6.1
Sixth and seventh-	10.1	9.7	9.4	9.2	9.1	8-7	8.2	8.2	8.0
Eighth and over	9.7	9.6	9.4	9.5	9.1	8.9	8.5	8.5	8.4

<sup>1</sup>Cases for which order of birth was not stated have been included in the total, but not distributed by birth order.

<sup>17</sup>The gross reproduction rate may be defined as the sum of the age-specific birth rates of female infants per 1,000 women of each single year of age. In computing the gross reproduction rates for this report, the age-specific rates for the 5-year age groups have been multiplied by 5, summed, and the total for all age groups multiplied by the proportion which female births formed of all births.

<sup>&</sup>lt;sup>18</sup>To obtain the net reproduction rate, the birth rate for each specified 5-year age group was multiplied by 5 and by the probability (as determined from the life table for the year) of women surviving to that age group. The sum of these products was then multiplied by the proportion of births that were female births.

<sup>&</sup>lt;sup>19</sup>Detailed discussion of this point appears in "Population Index," Population Association of America, Inc., vol. 15, No. 2, April 1949.

<sup>&</sup>lt;sup>20</sup>For discussion of changes in birth order rates by age of mother, see "Births by Age of Mother, Race, and Birth Order: United States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 35, No. 10, 1950.

<sup>&</sup>lt;sup>21</sup>Sterility and marital status are also important factors to be considered.

in the first two postwar years brought the first order birth rate to an unprecedented high level in the history of the birth-registration area. Despite the decline in the following year, the first order birth rate in 1948 exceeded the high rate recorded in 1946. Rates for second through fourth child rose continuously during the postwar period, following slight decreases in the last year or two of the war.

Table AL indicates that, among white women, there was a decline between 1940 and 1948 in the birth order rates representing very large families. In the lower and medium orders through the fourth, however, the rates in 1948 were considerably higher. The most striking increase occurred in the rates for the second and third orders.

Comparison of the 1948 birth order rates for the white group with the same rates for 1920, when the summary fertility rate (for the registration area) about equaled that for 1948, reveals: (1) extreme reductions in the high birth order rates ranging from one-half for fifth order births to two-thirds for eighth and over; (2) a decline of about one-third in the fourth order rate; (3) no change in the rate for a third child, but substantially higher rates for the lower orders.

The war and postwar increases in fertility among nonwhite women extended into the high birth orders. However, the relative increases between 1940 and 1948 were much greater in the low birth order rates. Between 1947 and 1948, only a slight reduction occurred in the rate for first births to non-white women. All other rates rose, but the change was particularly marked in second and third order births.

In 1948, the rates for nonwhite women having a first or second child were below those for white women. The rates for third and higher birth orders were greater for the nonwhite group with the difference becoming larger at each successive order.

TABLE AL.—PERCENTAGE CHANGE FROM 1947 TO 1948 AND 1940 TO 1948 IN BIRTH RATES BY BIRTH ORDER AND RACE: UNITED STATES

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother)

	PERCENTAGE CHANGE					
BIRTH CRIER	1947 t	o 1948	1940 to 1948			
	White	Nonwhite	White	Nomwhite		
TOTAL	-6.2	+6.4	+42.2	+46.2		
First	-15.9	-1.2	+42.2	+46.1		
Second	+1.7	+14.7	+62.9	+68.6		
Third	+2.7	+14.7	+55.1	+53.6		
Fourth	+1.4	+8.7	+30.9	+37.8		
F1fth	0	+6.7	+15.2	+31.1		
Sixth and seventh	-2.8	+4.1	-5.4	+26.3		
Eighth and over	-4.0	+1.0	-ZZ.6	+15.5		

Table AM presents the percentage distributions of births by birth order for the years 1933, 1940, 1947, and 1948. These data indicate that first and second births have consistently formed a much greater proportion of the white births when compared with the nonwhite. In 1948, the percentages were 68 for white and 52 for nonwhite.

Following the high marriage rate in 1946, first order births to the white group bulked especially large in 1947. The next year, 1948, the percentage of first order births was about the same as in 1940, but there were some changes among the other birth orders. The proportions of fourth and higher order births were lower in 1948, and both second and third order births assumed higher portions of the total. The marked increase in the proportions of low order births is revealed in a comparison of the distributions for 1933 and 1948.

For nonwhite births the relation between the 1940 and 1948 distributions by birth order is similar to that for the white. However, it is noteworthy that since 1933 the percentage of first births in the total has changed only slightly.

The earlier age at which nonwhite women bear children

can be seen from the distribution of the birth order rates in 1948 by age for the race groups in table AN. This situation has been of long standing. Median ages of white and nonwhite mothers having their first, second, etc., child in 1940 and 1948, presented in table AO, illustrate the disparity in ages of white and nonwhite mothers at childbirth. Nonwhite mothers were younger than white mothers on the average by more than 3 years in all but the "eighth and over" birth order group. The greatest difference was among women having their third child in 1948 (4.2 years). For the first four birth orders (except for first children to white mothers), the average (median) ages of white and nonwhite mothers in 1948 were slightly higher in 1948 than in 1940.

TABLE AM. -- PERCENTAGE DISTRIBUTION OF BIRTHS BY RACE AND BIRTH ORDER: UNITED STATES FOR SKIECTED YEARS

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother. In computing percentages, cases for which order of birth was --not stated have been outted. Figures for Massachusetts are excluded because this State does not require the reporting of birth order)

RACE AND BIRTH ORDER	1948	1947	1940	1933
WHITE	100.0	100.0	100.0	100.0
First	38.5	43.0	38.4	32.3
Second	29.9	27.6	26.0	23.2
Third	15.0	13.7	13.7	14.6
Fourth	7.1	6.6	7.7	9.5
F1fth	3.7	3.5	4.7	6.3
Sixth	2.1	2.0	3.1	4.5
Seventh	1.3	1.3	2.1	3.2
Eighth	0.9	0.8	1.5	2.3
Ninth	0.6	0.6	1.0	1.6
Tenth and over	1.0	0.9	1.8	2.5
NONWHITE	100.0	100.0	100.0	100.0
First	29.0	31.3	28.7	28.2
Second	22.7	21.1	19.4	18.1
Third	14.7	13.7	13.6	13.4
Fourth	9.7	9.5	10.2	10.2
Fifth	6.8	6.9	7.5	7.8
Sixth	5.0	5.1	5.7	6.1
Seventh	3.7	3.8	4.3	4.7
Eighth	2.7	2.7	3.2	3.6
Ninth	1.9	2.0	2.4	2.6
Tenth and over	3.8	4.0	4.8	5.3

TABLE AN. -BIRTH RATES BY AGE OF MOTHER, RACE, AND BIRTH ORDER: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group. See headnote to table AK for computation of birth order rates)

<sup>1</sup>Cases for which order of birth was not stated have been included in computing rates for the total number of births in each age group, but not distributed by birth order. TABLE AO. -- MEDIAN AGE OF MOTHER BY BIRTH ORDER AND RACE: UNITED STATES, 1940 AND 1948

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother. Figures for Massachusetts are included in computing average ages by race, but excluded in computing averages for birth order because this State does not require the reporting of birth order)

	1,94	18	1940		
BIRTH ORDER	White	Nonwhite	White	Norwhite	
TOTAL	26.1	24.1	26. 3	24.0	
First	23.0	19.9	23.3	19.3	
Second	26;0	22.5	25.7	21,9	
Third	28.3	24.1	27.5	23.7	
Fourth	30,0	26.0	29.2	25.7	
Fifth	31.3	27.8	31.0	27.9	
Sixth and seventh	33,2	30.0	33.3	30.3	
Eighth and over	37.2	35.2	37.4	35.7	

NOTE, -- Medians were computed from distributions of births by 5-year age groups of

#### Plural births

The number of live births reported for any year is somewhat greater than the number of women having children, since in some cases the confinements result in the delivery of more than one child. In 1948, there were 3,463,320 single births, and 36,586 plural sets, of which at least one member was born alive. Of the latter group, twins accounted for 36,246, including 34,547 cases in which both mates were born alive, and 1,699 cases in which one of the mates was stillborn. There were 336 cases of triplets, among which 942 individuals were born alive; 3 cases of quadruplets reported, with 11 members of the sets living; and 1 case of quintuplets having 2 members born alive. For detailed tabulation of these cases, as well as cases in which all mates were stillborn, see table 10, Part II.

Table AP shows the number of total births, single births, cases of plural births, and the rate of occurrence of plural births for the registration States for each year since 1915. The rate is derived by relating the total number of plural sets with at least one individual born alive to the sum of this figure and the number of single live births. Thus, the base

of the rate does not include single stillbirths, and neither the numerator nor the base includes plural cases in which all the individuals were stillborn. Until reporting of still-births becomes more uniform and complete, this rate will probably remain the most meaningful of the various rates that might be used to express frequency of plural births. The rate has varied only slightly from year to year. Since 1933, when the birth-registration area became complete, the variation has been from a high of 11.8 plural cases per 1,000 total cases in 1933 to a low of 10.2 in 1943.

TABLE AP.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE-BIRTH-REGISTRATION STATES FOR SPECIFIED LEARS

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

Year	Total births	Total cases (single	Cases of single	CASE WEI	Plural cases per 1,000			
		and plural)	births	Total.	Twins	Trip- lets	Quad- ruplets	total cases
1948	3,535,068	3,499,906	3,463,320	136,586	36,246	336	3	10.5
1947	5,699,940	3,662,811	3,624,181	38,630	38,286	340	4	10.5
1946	3,288,672	3,253,114	3,216,000	37,114	36,782	327	5	11.4
1945	2,735,456	2,707,574	2,678,712	228,862	28,604	257	-	10.7
1944	2,794,800	2,767,323	2,738,438	28,885	28,591	286	8	10.4
1943	2,934,860	2,906,456	2,876,669	29,787	29,470	316	1	10.2
1942	2,808,996	2,780,989	2,751,568	29,421	29,139	277	5	10.6
1941	2,513,427	2,488,022	2,461,311	26,711	26,443	256	12	10.7
1940	2,360,399	2,336,604	2,311,378	25,226	24,976	247	3	10,8
1939	2,265,588	2,242,041	2,216,857	25,184	24,908	274	2	11.2
1938	2,286,962	2,262,770	2,236,863	25,907	25,644	262	1	21.4
1937	2,203,337	2,179,823	2,154,719	25,104	24,881	239	4	11.5
1936	2,144,790	2,121,519	2,096,667	24,852	24,569	277	6	11.7
1935	2,155,106	2,132,302	2,107,903	24,399	24,167	232	-	32.4
1934	2,167,636	2,144,111	2,118,997	25,114	24,866	-242	6	11.7
3933	2,081,232	2,058,686	2,034,468	24,220	23,995	220	5	11.8
1932	2,074,042	2,051,396	2.027,134	24,262	24,020	236	6	11.8
1931	2,112,760	2,090,086	2,065,803	24,283	24,049	232	2	11.6
3930	2,203,958	2,180,312	2,155,094	25,218	24,965	249	6	11.6
1925	1,878,880	1,859,174	1,838,296	20,878	20,645	230	3 1	11.2
1920	1,508,874	1,492,532	1,475,113	17,419	17,229	184	6	11.7
1915	776,304	758,687	761,150	7,737	7,675	64	ا <u>.</u> ا	10.1

Includes 1 case of quintuplets (2 males born alive, 3 females stillborn) in Ken-

tucky. Includes I case of quintuplets (4 females born alive, I female stillborn) in the District of Columbia.

TABLE AQ. -- CASES OF SINGLE AND PLURAL BIRTHS BY RACE AND AGE OF MOTHER: UNITED STATES, 1946

(Exclusive of stillbirths. Only those cases in which at least one child was born alive are included)

						<u> </u>			<u>,                                      </u>
		AGE OF MOTER							
RACE AND CASES OF BIRTHS	Total	Under 20 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45 years and over	Not stated
					NUMBER				
TOTAL CASES (all races)	3,499,906	434,429	1,150,616	970,346	572,824	285,054	73,907	5,172	7,558
Single cases	3,463,320 36,246 340	431,912 2,501 16	1,140,978 9,569 69	959,404 10,841 101	564,875 7,857 92	280,498 4,504 52	73,006 891 10	5,128 44	, 7,519 39
HHTTE	3,050,270	333,856	1,001,333	871,917	517,003	251,953	65,132	4,271	4,814
Single cases	3,019,205 30,793 281	331,987 1,857 12	993,258 8,021 54	962,450 9,377 90	510,059 6,872 72	248,062 3,848 43	64,368 754 10	4,233 38 -	4,786 26 -
MONWHITE	449,627	100,573	149,283	98, 429	55,821	33,101	8,775	901	2,744
Single cases———————————————————————————————————	444,115 5,453 59	99,925 644 4	147,720 1,548 15	96,954 1,464 11	54,816 985 20	32,436 656 9	8,638 137	895 6	2,731 13
				RATIO	PER 1,000	CASES		•	
TOTAL CASES (all races)	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
Single cases	989.5 10.4 . 0.1	994.2 5.8 0.0	991.6 8.3 0.1	988.7 11.2 0.1	986.1 13.7 0.2	984.0 15.8 0.2	987.8 12.1 0.1	991.5 8.5 0	994.8 5.2 0
WHITE	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	3,000.D
Single cases	989.8 10.1 0.1	99 <b>4.</b> 4 5. 6 0. 0	991.9 8.0 0.1	989.1 10.8 0.1	986.6 13.3 0.1	984.6 15.3 0.2	988.3 11.6 0.2	991.1 8.9 0	994.6 5.4 0
NOWHELTE	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
Single cases	967.7 12.1 0.1	993.6 6.4 0.0	989.5 10.4 0.1	985.0 14.9 0.1	982.0 17.6 0.4	979.9 19.8 0.3	984.4 15.6 0	993.3 6.7	995.3 4.7 0

Table AQ shows the number of cases of single and plural births by race and age of mother. In 1948, as in previous years, the proportion of plural births in the total cases was the lowest among the youngest age group of mothers, and rose with each successively older age group to a peak among 35-39 year old mothers. The proportion of plural births is higher among nonwhite than among white deliveries in practically every age group. For white mothers of all ages, one plural set occurred in 98 confinements, and for nonwhite mothers there was one plural set in 82 confinements.

#### Illegitimate births

Illegitimate birth data obtained from the live birth records in those States that require information on legitimacy are presented for each year from 1938 through 1948 in table AR. Estimates for the United States as a whole, which include an allowance for the other States, are also given. These figures do not contain adjustments for misstatements on birth certificates concerning legitimacy status, or for illegitimate births not registered at all, because of the present lack of adequate knowledge about these two groups.<sup>22</sup> Nevertheless. the estimates serve the important function of indicating yearto-year changes in illegitimacy.

Table ar.—Illegitimate live births by race: reporting arra and the united states, 1938-48

İ	RE	ORTING AREA <sup>1</sup>		united states (estimates) <sup>2</sup>				
YEAR All races		White Nonwhite		All races	White	Nonwhite		
1948	96,307	37,931	58,376	129,700	54,800	74,900		
1947	98,677	42,161	56,516	131,900	60,500	71,500		
1946	95,395	42,860	52,535	125,200	61,400	63,800		
L945	95,047	40,056	54,991	117,400	56,400	60,900		
L944	87,001	36,252	50,749	105,200	49,500	55,600		
L943	62,586	31,755	50,831	98,100	42,800	55,400		
L942	63,459	33,117	50,342	96,500	42,000	54,500		
L941	63,067	33,220	49,847	95,700	41,900	53,800		
L940	77,558	32,032	45,526	89,500	40,300	49,200		
L939	74,941	31,330	43,611	88,400	40,400	48,100		
L938	74,462	32,043	42,419	87,900	41,200	46,800		

The number of States not reporting legitimacy status increased from 4 to 16 between 1938 and 1948. The following States have not required a statement concerning
the legitimacy of birth in the years specified: California, Massachusetts, and New
York for each year; Texas for 1938 and 1938; Maryland, Nebreska, New Hampshire, and
Wymaing for 1940-48; Colorado, Connecticut, and New Mexico for 1945, Arixona,
Idaho, and Neveds for 1945-48; South Carolina for 1946-48; Arkansas for 1947 and
1948; Oklahoma for 1948.

\*Derived by adding an estimate of the number of illegitimate births in States not
requiring a legitimacy statement on the birth record to the number of illegitimate
live births tabulated for the reporting States. These estimates were rounded to the
nearest hundred without being adjusted to group totals which were independently
rounded. No estimates were included for misstatements on the birth record or for
failure to register births.

failure to register births.

It will be noted that the estimated number of illegitimate live births in the United States decreased slightly between 1947 and 1948. This decline came after 4 years (1944 to 1947) of sharp increases in illegitimacy. The number of children born out of wedlock in 1948 (129,700) was 45 percent above the figure (89,500) for 1940, the last year unaffected by war conditions. The increase was appreciable in both the white and nonwhite race groups. Until well after the war started (1943). there was little variation in the number of illegitimate births among white women. After 1943, the number rose markedly each year until 1946. During the second postwar year, the number declined slightly, and the following year it dropped more rapidly. Despite these decreases, the number of children born out of wedlock to white women was about 36 percent higher in 1948 than in 1940. In contrast to this pattern, ille-

gitimate births among nonwhite women rose in each of the years shown. Increases in the years 1940 to 1941, and 1944 to 1947, were particularly large. The estimated number in 1948 was 52 percent above the immediate prewar level.

While the trend in the number of out-of-wedlock births is of considerable value, for many analytical purposes rates per 1,000 unmarried women aged 15 to 44 years form a better basis for measuring change in the illegitimate birth problem.23 In 1940, the estimated illegitimacy rate was 7.1; by 1948, the rate (12.7) was 79 percent higher. The increase reflects not only the rise in the number of illegitimate births but also the decrease in the unmarried female population that occurred during the war and postwar years.

Another useful measure for certain types of comparison is the illegitimacy ratio, i.e., the number of illegitimate live births per 1,000 live births in a specified group. The ratio should not be taken as a substitute for the illegitimacy rate. Actually, it answers only the following type of question: "What proportion of the births in the group is illegitimate?" The ratios in 1940 and 1948 based on estimates for the entire United States were as follows:

	<u>1948</u>	1940
Total	36.7	37.9
White	17.8	19.5
Nonwhite	164.7	168.2

The preceding data show that both before and after the war, a far greater percentage of the nonwhite births were illegitimate than was the case for the white group. It is generally believed that proportionately there is greater understatement in the white race than in the nonwhite. Another interesting observation is that the 1948 ratios are somewhat lower than those for 1940. This arises from the greater increase between the 2 years in total births than in illegitimate births and does not imply a reduction in the illegitimacy problem.

The age distribution of women bearing children out of wedlock in 1948 is given in table AS. A substantial proportion (43 percent) of these births were to teen-age women, about a third were to those 20-24 years old, and much smaller proportions to each succeeding 5-year age group. About 30,000 of the illegitimate live births in 1948 were to very young girls, only 17 years of age or younger. Unmarried white women

TABLE AS .- ESTIMATED NUMBER AND PERCENTAGE DISTRIBUTION OF ILLEGITIMATE LIVE BIRTES, BY AGE OF MOTHER FOR EACH RACE GROUP: UNITED STATES, 1948

(Estimates were rounded to the nearest hundred without being adjusted to group totals which were independently rounded. Derived figures were based on the unrounded absolute numbers)

		NUMBER		PERCENT			
age of mother	All races	White	Nonwhite	All races	White	Nonwhite	
TOTAL	129,700	54,800	74,900	100.0	100.0	100.0	
Under 15 years	3,000	700	2,300	2.3	1.3	3.1	
15-19 years	52,500	20,500	32,100	40.5	37.4	42,9	
15 years	5,300	1,400	3,900	4.1	2.6	5.2	
16 years	9,300	3,100	6,300	7.2	5.7	6.4	
17 years	12,000	4,600	7,400	9.3	8.4	9.9	
16 years	13,500	5,700	7,800	10.4	10.4	10.4	
19 years	12,400	5,700	6,700	9.6	10.4	8.9	
20-24 years	40,600	19,000	21,800	31.5	34.7	29.1	
25-29 years	18,200	8,200	10,100	14.0	15.0	13.5	
30-34 years	8,800	3,700	5,000	6.B	6.8	6.7	
35-39 years	4,900	2,100	2,800	3.8	3.8	3.7	
40 years and over	1,400	600	800	1.1	1.1	1.1	

NOTE.—Estimates were derived by adding an estimate of the number of illegitimate births in States not requiring a legitimacy statement on the birth record to the number of illegitimate live births tabulated for the 32 reporting States and the District of Columbia. No estimates were included for misstatements on the birth record or for failures to register births.

<sup>&</sup>lt;sup>22</sup>For a detailed discussion of the qualifications and limitations of illegitimacy statistics, and for an analysis of such data by various characteristics (e.g., urban-rural residence of mother, person in attendance, birth order), see Shapiro, Sam, "Illegitimate Births, 1938-47;" National Office of Vital Statistics, Vital Statistics-Special Reports, vol. 33, No. 5, 1950. The method of estimating for States not reporting legitimacy status is given in the report (p. 82).

<sup>23</sup> It is believed that only a relatively small number of births recorded as illegitimate occur to married women. These are cases in which it is known that the father of the child is not the husband of the mother.

bearing children have been consistently a little older on the average than the nonwhite. In 1948, approximately 39 percent of the white women who had children out of wedlock were under 20 years of age as compared with 46 percent for the nonwhite group.

A different picture of the illegitimacy problem in various age groups of women is obtained when rates per 1,000 unmarried women at these ages are considered instead of numbers. In 1948, the incidence of illegitimacy was greatest among women aged 20-24 years, the second highest rate among the 25-29 year old women, and the third highest in the 15-19 year old group (table AT). Between 1940 and 1948, the illegitimacy rate in each age group increased sharply. The largest proportionate change is found among 25-29 year old women (142 percent), and the rates in age groups 20-24 and 30-34 years about doubled.

TABLE AT. -- ESTIMATED ILLEGITIMACY RATES BY AGE OF MOTHER: UNITED STATES, 1940 AND 1948

AGE OF MOTHER	1948	1940	Percentage Increase	
15-44 years <sup>1</sup>	12.7	7.1	78.9	
15-19 years- 20-24 years- 52-29 years- 30-34 years- 55-39 years- 55-39 years- 40-44 years-	11.6 19.8 17.4 9.9 5.5	7.5 9.5 7.2 5.1 3.4 1.1	54.7 108.4 141.7 94.1 61.8	

Rates for age group 15-44 years computed by relating total births, regardless of age of mother, to population 15-44 years of age.

NOTE, --Unmarried population includes "never married," "widowed," and "divorced." Population estimated as of July 1 for each year.

Data on illegitimate live births reported in 1946, 1947, and 1948 are given in table AU for the individual States reporting legitimacy in 1948. This table shows the number of such births reallocated to the State of the mother's usual residence, by race, and the number of illegitimate births per 1,000 live births.

State comparisons based on the data are affected by differences among the States in such important factors as: (1) marital status and age composition of the female population, (2) birth registration completeness, and (3) amount of misstatements on the birth record to conceal the illegitimacy of the birth. The last point is undoubtedly by far the most serious source of error in legitimacy statistics, and may vary appreciably from State to State. To the well-informed, the legal status accorded children born out of wedlock in a State may influence the decision as to whether or not to record

TABLE ALL --NUMBER AND RATIO OF ILLEGITIMATE BIRTHS, HY RACE: REPORTING STATES, 1946-48

(By place of residence. Exclusive of stillbirths. Ratios per 1,000 live births in each specified group)

	LLLEGITIMATE BIRTRE							
AREA AND RACE		Number		Ratio				
	1948	1947	1946	1948	1947	1946		
TOTAL¹	96,307	97,052	91,633	38.5	<b>37.1</b>	39.5		
White Nonwhite	37,931 58,376	41,526 55,526	41,704 49,929	17.6 168.1	18-21 170.5	20.5 173.0		
AlebamaWhite	6,572 632	6,155 724	5,769 740	77.0 11.7	69.9 12.5	72.2 14.2		
Nonwhite Arkeness <sup>2</sup>	5,940	5,431	5,029 (2,105)	168.2	180.4	180 <sub>4</sub> 1 (46.5)		
Nonwhite <sup>2</sup> -			(480) (1,625)			(13.6) (160.7)		
White	499 154	488 155	432 149	68.8 25.3	63.2 23.5	63.5 25.6		
Norwhite District of Columbia	345 2,092	333 2,042	283 1,830	295.6	299.2 94.2	285.6 98.4		
White Monwhite	399 1,683	457 1,585	439 1,391	31.3 208.7	32.5 206.6	35.8 220.0		
Florida	. 4,048 716 3.332	3,723 744	3,255 726	67.9 16.6	62.3 16.7	60.6 18.1		
ROHAUTES 1	3,332	2,979	2,529	203.9	194.3	186.3		

TABLE AU.—NUMBER AND RATIO OF ILLESTIMATE BIRTES, BY RACE: REPORTING STATES, 1946-48—Continued

(By place of residence. Exclusive of stillbirths. Ratios per 1,000 live births in each specified group)

				ILEGITIM/	VIE BIRTES		'
AREA AND	RACE		Number	1		Ratio	
		1948	1947	1946	1948	1947	1946
Georgia	White	6,052 710	5,759 728	5,043 677	65.3 12.0	60.7 11.6	58.: 12.:
	Nonwhite	5,342	5,031.	4,366	159.7	157.0	149.
Illinois	White	5,722	5,582 3,063	5,713 3,317	31.0 16.8	28.5 17.0	32.
	Monwhite	8,813 808,S	2,519	2,396	168.B	161.6	191.
Indiana	White	1,926 1,324	1,939 1,409	1,943 1,452	20.8 15.1	20.1 15.3	22. 17.
	Nonwhite	- 603	530	491		132.3	151.
[Ova	White	1,006 959	1,105 1,051	1,054 989	16.6 16.0	17.3 16.6	18. 17.
	Nonwhite	959 47	1,US1	65	92.0	113.4	157.
Kansas	White	711 504	742 564	818 624	16.6 12.3	16.7 13.2	20.
	Nonwhite	207	17B	194	112.1	103.9	
entucky		1,865		1,968	24.2	26.3	27.
	White Nonwhite	1,154 711	1,364 737	1,331 637	15.9 147.8	18.0 181.7	19. 187.
aralaiso		5,418	5,436	5,081	73.9	72.8	74.
	White Nonwhite	498 4,920	59B 4,83B	590 4,491	11.1	12.7 175.7	13. 176.
faine		708	837	866	32.1	35.1	42.
	White Nouwhite	705 3	828 9	861. S	32.0 90.9	34.7 243.2	42. 138.
lichigan		4,303	4,335	3,866	27.8	26.9	27.
•	White Nonwhite	2,741 1,562	2,995 1,340	2,689 1,177	19.2   131.4	19.9 126.9	20. 141.
dinnesota	WOTAUTCE	1,502	1,735	1,787	23.1	23.0	26.
	White	1,524	1,602	1,645	21.2	21.4	24.
(1881881 <b>)</b> pp1	Nonwhite	154 6,025	133 5,875	142 5,716	205.3 92.3	199.7 68.4	.se.
	White	291.	320	328	9.8	9.8	10.
iiescuri	Nonwhite	5,734 2,446	5,553 2,452	5,390 2,361	161.6 28.7	164.3 27.2	170. 29.
1185041	White	1,234	1,251	1,323	15.8	15.0	17.
	Nonwhite	1,212	1,201 256	1,038	165.7 18.2	173.6 17.0	171. 22.
Iontana	White	273 173 .	190	189	12.1	13.2	15.
	Norwhite	300	. 66	95	126.1	94.6	151.0
iew Jersey	White	2,186 1,041	2,254 1,163	2,175 1,225	22.4 11.7	21.2 11.8	22 13
	Nonwhite	1,145	1,091	950	131.8	134.9	144.
forth Carolina-	White	8,046 1,745	8,017 1,872	7,211 1,668	73.5 23.4	71.0 23.5	71.: 23.:
	Nonwhite	6,301	6,145	5,543	180.6	184.6	187.
iorth Dakota	In-th-	31.7	377	328	19.1 16.1	22.1	21 18.:
	White Nonwhite	261. . 56	332 45	282 46	153.0	130.4	124.0
Ohio		4.513	4,749	4,915	724.2	24.1	29.0
	White Nonwhite	2,834 1,679	3,172 1,577	3,421 1,494	16.4 124.3	17.1	. 21 150
Oklahoma <sup>2</sup>			(1,625)	(1,657)		(30.3)	(32.5
	White <sup>2</sup> Nonwhite <sup>2</sup> -		(635) (990)	(676) (981)		(13.2) (174.9)	(15.) (176.)
)regon		545	595	620	15.5	16.4	20.0
	White Norwhite	467 78	520 75	544 76	13.5 124.8	14.5	18.4 152.9
Pennsylvania	NODWITT CO	7,945	8,173	8,040	35.0	32.9	36.
•	White	4,668	5,038	5,426	22.1	21.6	26.
Rhode Island	Nonwhite	3,277 405	3,135 417	2,634 408	199.3 24.0	22.5	24.3
	White	329	358	340	20.0	19.7	20.
South Dakota	Nonwhite-	76 205	59 354	68 368	182.7 12.5	150.5 21.4	202.4 25.3
Juli Janou	White	144	258	265	9.2	16.3	19.
	Nonwhite	61	96	103 3,600	86.5 50.8	140.1 48.6	159.1 46.1
emessee	White	4,176 1,424	4,208 1,518	1,438	21.1	20.8	22.
	Nomhite	2,752	2,690	2,162	188.9	197.0	182.
Cexas	White	5,879 2,370	5,780 2,437	5,495 2,394	29.7·	29.1 13.9	30.3 14.
	Nonwhite	5,509	3,343	3,101	136.3	142.4	145.
Jtah	White	175 169	192 183	211 203	8.4 8.3	8.8 8.5	11.
	Nonwhite	6	9	В	18.2	34.2	29.
7ermont		268	297	241	28.6	30.6	28.
•	White	267 1	297	240	28.5 333.3	30.6 0	28. 250.
irginia		5,32B	5,500	4,815	64.9	64.1	63.
	White Nonwhite	1,455. 3,873	1,550 3,950	1,427 3,386	23.8 184.4	23.6 196.5	24. 193.
Vashington		981.	1,274	1,296	17.6	21.8	24.
-	White	850	1,130	1,192	15.7	19.9	23.
/est Virginia	Nonwhite	131. 2,408	144 2,552	104 2,421	72.0 46.0	. 88.0 46.3	72. 49.
	White	1,940	2,088	2,006	39.1	39.8	43.
Itaamata-	Nonwhite	468 1,596	464	415 1,701	167.9 19.6	177.2 20.9	169. 22.
Visconsin	White	1,436	1,753 1,567	1,564	17.8	18.9	21.
	Norwhite	160	186	137	154.6	195.2	143.

<sup>&</sup>lt;sup>1</sup>Excludes the following States, the birth certificates of which did not require a statement concerning legitimacy of birth in 1948: Arizona, Arkansas, California, Colorado, Commecticut, Idaho, Maryland, Massachmeetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, Oklahona, South Carolina, and Wyoning.

<sup>2</sup>To maintain a comparable area, figures in parentheses are not included in total.

legitimacy information correctly. Such laws differ between some of the States. The second factor (underregistration) is minimized when illegitimacy ratios are used. However, consideration should be given to the possibility that illegitimate births may form a higher proportion of unregistered births than of registered.

#### Attendant at birth

In recent years, there has been a sharp rise in the proportion of births delivered in hospitals, and a smaller but nevertheless important increase in the proportion attended by physicians.<sup>24</sup> These advances have, without doubt, been important factors in the continuous decline in the infant and maternal mortality rates.

The striking increase in utilization of hospital facilities since 1935 (the first year for which data by attendant were tabulated by this Office) may be seen in table AW. In 1948, a total of 3,025,206 live births, or 85.6 percent of all registered live births, was attended by physicians in hospitals. Thirteen years earlier, in 1935, the comparable percentage was only 36.9, and births in hospitals or institutions amounted to slightly more than one-quarter of the 1948 total. During this period, the proportion of children born in hospitals increased unin-

TABLE AW.—HUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BURTHS, BY FERSON IN ATTENDANCE FOR EACH RACE GROUP: UNITED STATES, 1935, 1940-48

		NUMB	er attended	BY—	PERCEI	INSTEA TO	DED BY—
YEAR AND RACE	Total births	Physicien in hos- pital <sup>1</sup>	Physician not in hospital	Mid- wife, other, and not speci- fied	Physician in hos- pital	Physician not in hos- pital	Mid- wife, other, and not speci- fied
ALL RACES							
1948 1947 1946	3,535,068 3,699,940 3,288,672	3,025,206 3,136,930 2,708,223	323,434 375,407 402,759	186,428 187,603 177,690	85.6 84.8 82.4	9.1 10.1 12.2	5.3 5.1 5.4
1945 1944 1943 1942	2,735,456 2,794,800 2,934,860 2,808,996	2,155,594 2,112,963 2,115,582 1,906,833	402,890 493,463 615,754	176,972 189,374 203,524	78.8 75.6 72.1	14.7 17.7 21.0	6.5 6.7 6.9
1941 1940 1935	2,513,427 2,360,399 2,155,105	1,537,719 1,316,768 795,629	693,921 759,966 825,271 1,089,832	208,242 215,722 218,360 269,644	67.9 61.2 55.8 36.9	24.7 30.2 35.0 50.6	7.4 8.6 9.3 12.5
WHOTTE							
1949 1947 1946	3,080,316 3,274,620 2,913,645	2,784,865 2,925,374 2,538,882	248,093 300,198 327,585	47,358 49,048 47,178	90.4 89.3 87.1	8.1 9.2 11.2	1.5 1.5 1.6
1945 1944 1943	2,395,563 2,454,700 2,594,763	2,018,929 1,987,082 2,002,313	329,147 414,895 534,177	47,487 52,723 58,273	84.3 81.0 77.2	13.7 16.9 20.6	5.2 5.0
1942 1941 1940	2,496,934 2,204,903 2,067,953	1,808,121 1,448,132 1,238,677	616,503 688,188 754,746	62,310 68,583 74,530	72.7 65.7 59.9	24.8 31.2 36.5	2.5 3.1 3.6
1935 Nonwhite	1,888,012	746,974	1,019,271	121,767	39.6	54.0	6.4
1948	454,752 425,320	240,341 211,556	75,341 75,209	139,070 138,555	52.9 49.7	16.6 17.7	30.6 32.6
1945 1945 1944 1943	375,027 339,893 340,100 340,097	169,341 136,665 125,881	75,174 73,743 76,568	130,512 129,485 135,651	45.2 40.2 37.0	20.0 21.7 23.1	34.8 38.1 39.9
1942	322,062 308,524 292,446	99,712 99,587 78,091	81,577 77,416 71,798 70,525	145,251 145,932 147,139 143,830	35.3 30.6 29.0 26.7	24.0 24.0 23.3 24.1	42.7 45.3 47.7 49.2
1935	267,093	48,655	70,561	147,877	18.2	26.4	55.4

<sup>&</sup>lt;sup>1</sup>It is assumed that all births in hospitals are attended by physicians.

<sup>24</sup>The term "attended by physicians" as used in this report includes births attended by physicians out of hospitals and all births in hospitals or institutions. Births are classified as occurring "in hospital or institution" on the basis of entries made on the birth certificate without regard to American Medical Association (AMA) registered hospital listings. Hence, numbers released by the National Office of Vital Statistics differ somewhat from those published by the AMA. In comparing data from the two sources, it should also be borne in mind that the surveys on which the AMA figures are based cover a reporting period for October 1 to September 30, whereas the data of this Office are for the calendar year.

terruptedly. The magnitude of the change, however, has been somewhat irregular, with especially large increases occurring during World War II.

In 1947 and 1948, close to 95 percent of all registered live births were attended by physicians in or out of hospitals. As has been the case in every year since 1935, the percentage of total births attended by physicians not in hospitals decreased in 1948. While in 1935 about 51 percent of the births were delivered at home by physicians, in 1948 the proportion had dropped to 9 percent. Only 1 in 20 births was attended by a midwife or other nonphysician in 1948 as compared with 1 in 8 during 1935. The 1948 proportion represents 186,428 registered births that were delivered without medical attention.

Important changes have occurred since 1935 in the proportions of births delivered in hospitals and by physicians in both the white and nonwhite groups. For white births, the proportion occurring in hospitals increased from 39.6 percent in 1935 to 90.4 percent in 1948. This was accompanied by a sharp reduction in the proportion attended by physicians out of hospitals and by the virtual discontinuance in the use of nonphysicians. In 1948, 98.5 percent of white births were attended by a physician as compared with 93.6 percent in 1935.

In the nonwhite group, there was a marked decrease, particularly in recent years, in the proportion of deliveries not attended by physicians as well as notable increases in the percentage of hospital births. Slightly less than half of the nonwhite births were delivered out of hospitals in 1948, and less than a third were attended by nonphysicians. In 1935, over half of the reported nonwhite births were delivered by midwives and other nonmedical persons.

# Attendant at birth—by race in urban and rural areas

The proportion of births attended by physicians (in or out of hospitals) has increased among urban and rural residents since 1940.<sup>25</sup> The principal rise occurred in the nonwhite rural group, in which about 46 percent received medical attention during 1948 as compared with only 29 percent in 1940. For urban white residents, the proportion was close to the 100 percent mark during the whole period. In 1948, as in 1940, rural white residents were more likely to have a physician at childbirth than urban or rural nonwhite residents. The interval between the proportions of physician-attended births for these groups was smaller in 1948 than 1940. The percentages of births attended by physicians (in or out of hospitals) by place of residence for 1940 and 1948 follow:

	All r	aces	White Non			Nonwhite	
Area	1948	1940	1948	1940	1948	1940	
Urban Rural	97.9 90.2	96.9 83.6	99.2 97.4	98.7 93.6	88.1 46.3	80.8 28.9	

The contrast between the 1940 and 1948 proportions of births to urban and rural white and nonwhite residents occurring in hospitals is even greater:

	All races			<u>iite</u>	Nonwhite		
Area	1948	1940	1948	1940	1948	1940	
Urban Rural		76.0 32.3	96.5 81.4	78.6 36.6	75.8 24.4	51.4 8.6	

<sup>&</sup>lt;sup>25</sup>The earliest tabulations of births by person in attendance for urban and rural residents are for 1939. Data allocated to place of residence of the mother are used as they give a more accurate indication of the use of hospital services by inhabitants of an area than data based on place of birth.

All groups utilized hospital facilities for confinements far more often in 1948 than in 1940. An outstanding change occurred in the rural white group, where the proportion rose from 36.6 percent to 81.4 percent. Although the increase among rural nonwhite residents was appreciable, the great majority of the births (3 out of 4) in this group were still being delivered out of hospitals.

# Hospital births by State and geographic division

Table AY shows the percentage of white and nonwhite births occurring in hospitals during 1948 for each State and geographic division by urban and rural residence of mother. Although all areas and groups have, in recent years, made significant progress, these figures indicate that in some parts of the country a high proportion of women were not hospitalized at childbirth in 1948.

In each of the geographic divisions, the proportion of births occurring in hospitals was higher for urban than for rural residents in both the white and nonwhite groups. With regard to white births, the urban-rural differential was largest in the East South Central Division. For nonwhites, the most pronounced variation occurred in the South Atlantic. Very small differences are evident in both the New England and Pacific Divisions in the proportions of hospital births for the urban and rural white populations.

For 1948, there were only 3 States in which less than 90 percent of the live births to urban white residents occurred in hospitals. However, in over 20 States, most of which fall in the South Atlantic, East South Central, and West South Central Divisions, the proportions for rural white and urban non-white residents were below 90 percent. Furthermore, in 10 States, less than 25 percent of rural nonwhite births were delivered in hospitals. As in the past, urban and rural non-white residents showed lower proportions of births in hospitals than corresponding white groups. In 15 States the proportion for rural white residents in 1948 exceeded by 5 percentage points or more the same figure for urban nonwhite residents.

Note. - The discussion in the preceding sections on person in attendance has been based on tabulated data for registered births. If allowance is made for underregistration, the proportion of births occurring in hospitals is slightly lowered. It is estimated that 83.2 percent of total births (registered and unregistered combined) were delivered in hospitals.28 This is the general order of magnitude of the differences in each year beginning with 1935. The slopes of the trend lines (1935 through 1948) as determined by the two sets of percentages are very similar. Greater differences are found in the two percentages among nonwhites than among whites, and data corrected and uncorrected for underregistration in some States would probably also show larger differences. In 1948, the figures for the two race groups, taking into consideration estimates of unregistered births, were 89.2 percent for the white and 47.3 percent for the nonwhite races. These are 1.2 and 5.6 percentage points below the comparable figures based on registered births.

Detailed statistics of births by type of attendant and place of residence are given in table 1, Part II. White and nonwhite races are shown separately for those counties and urban places in which nonwhites formed 10 percent or more of the total population in 1940, or numbered 10,000 or more. Table 3 in this volume presents these data by place of occurrence, excluding the race breakdown.

TABLE AY.—PERCENT OF LIVE BIRTHS OCCURRING IN HOSPITALS BY RACE; URBAN AND RURAL: UNIFFED STATES, EACH DIVISION AND STATE, 1948

(By place of residence)

		, ,,,,,,,,							
	A	LL RACE	s		WHITE	:		TIEWNON	E .
AREA	To- tal	Ur- ban	Ru- ral	To- tal	Ur- bar		To- tal	Ur- ban	Ru- ral
UNITED STATES	85-6	94.0	73.4	90.4	96.5	81.4	52.9	75.8	24.4
GEOGRAPHIC DIVISIONS				ŀ					
New England Middle Atlantic	97.1 95.3	98.3 97.4		97.1 95.6	98.4			96.3 93.7	86.7 80.7
East North Central	94.3	96.6	89.6	95.1	97.9	89.9	83.6	84.4	69.3
West North Central South Atlantic	92.1 69.3	96.8 86.5		92.5 82.6	97.3			86.7 62.7	60.5 18.6
East South Central	57.3	80.3	45.2	69.6	92.6	57.6	25.6	48.9	13.1
West South Central Mountain	74.7 90.5	84.4 94.5	63.3 86.0	80.7 91.0	87.1 94.6		50.1 80.9	71.1	30.9 76.5
Pacific	98.1	98.6		98.3	98.8			96.2	93.1
new England									
Meine New Hempshire	90.2	96.9 99.5		90.2	96.9			95.5 92.9	91.8 100.0
Vermont	91.6	97.8	87.9	91.6	97.6	87.9	100.0	-	100.0
Massachusetts	98.1	98.2 98.2		98.2 98.3	98.			95.5 97.4	75.3 96.3
Connecticut	98.8	99.0	98.5	98.9	99.0				95.8
MIDDLE ATLANTIC					1				
New York	97.8	98.4	95.2	98.0	98.1	7 95.3	95.5	95.8	87.5
New Jorsey	96.8 91.4	97.4 95.9	94.7 82.2	97.4 91.5	97.9 96.4			92.7 90.9	80.0 76.2
EAST NORTH CENTRAL	01.1	20.2	02.2	22.5			3313	30.5	10.1
Ohio Indiana	93.6	96.9	86-1	94.0				88.6	70.7
T114	90.8	94.0 95.9	86.0 90.5	92.0	96.2		68.5 80.3	69.0	50.4 62.2
Michigan	95.8 96.5	97.4	92.5	96.4	98.4	92.9	88.3	69.6	66.2
	86.5	98.8	93.5	96.5	99.0	93.6	90.4	90.8	89.8
WEST NORTH CENTRAL		·		ll					
Minnesota	97.3 95.4	99.0	95.1 92.6	97.3	99.0		92.8 93.5	95.1 95.5	90.6 70.0
Miseouri	82.5	93.4	67.4	82.9	94.3	68.7	77.6	87.2	26.7
North Dakota	94.7 93.3	99.1	93.0	94.9	99.2		87.2 84.3	96.6 93.8	86.4 83.0
Nebraska	95.4	98.0	93.0	95.4	98.1	93.0	93.1	94.1	89.4
	93.6	96.4	90.4	94.4	97.8	90.6	75.8	77,3	63.1
SOUTH ATLANTIC Delaware								]	٠ ـ
Maryland	90.2	96.5 86.1	83.3 80.7	95.8 89.9	98.9		60.7 60.6	83.2 66.9	37.0 47.9
District of Columbia	98.8	98.8	•••	99.7	99.7		97.5	97.5	
Virginia	69.9 61.7	86.4 91.5	58.3 49.1	80.0 63.3	96.2 93.2	70.4 50.6	36.5 34.2	58.7	22.6 22.7
NOTED CATOLING	66.9	87.0	58.5	82.3	96.8	76.0	33.9	64.0	22.5
South Carolina	52.5 65.8	77.1 83.0	40.1 54.5	81.7 85.9	95.9 96.1		16.9 30.2	38.2 58.1	10.8 13.0
Florida	76.7	84.9	65.6	90.9	97.4		39.3	52.2	21.2
RAST SOUTH CENTRAL	59.7	96.3	,,,	50 0	89.5	15.7	40.2	e1 =	96.7
Tennessee	58.3 68.6	86.1 85.3	44.7 57.2	59.0 73.5	93.5	62.0	48.3 45.6	61.3 61.8	26.7 23.1
Alabama Mississippi	56.6 42.9	77.0	44.8	74.5	93.6	- 63.4	26.1	48.7	13.0
WEST SOUTH CENTRAL	42.3	67.6	34.2	77.6	95.4	68.7	13.8	28.6	10.1
Arkansas	59.5	81.8	49.2	72.9	92.2		18.4	42.5	9.5
IonisianaOklahoma	77.4 82.7	90.8	65.0 72.1	89.5 85.5	96.6 95.8		58.4 59.7	80.8 68.4	40.1 51.4
Texas	75.4	81.2	65.7	78,7	62.8		53.4	69.3	29.0
MOUNTAIN Montana	07.0		20.4	00.7	00.7		20.0		07. 4
Ideho	97.8 98.1	99.2	96.4 97.4	98.3 98.1	99.3 98.9		68.0 94.7	94.4	97.4 93.3
WyomingColorado	95.4	96.6	94.2	95.8	96.6	95.0	80.2	97.7	75.0
New Mexico	92.2	95.6 79.5	86.6 57.0	92.1 66.5	95.6 79.2		94.0 68.8	94.6 89.8	91.2 64.1
Arizona	90.0	91.9	87.2	91.4	92.3	90.0	78.6	85.6	75.5
Nevada	98.1 97.9	98.9 99.1	96.9 96.6	98.1 98.8	98.9 99.7		95.4 85.0	95.8 89.0	95.1 82.6
PACIFIC									
Washington	98.8	99.4	97.7	98.8	99.4	97.8	97.6	99.7	92.5
Oregon	98.8	99.6	97.9	98.9	99.6	98.0	96.0	97.9	93.8
California	.97.9	98.3	96.8	98.1	98.5	96.9	95.5	95.9	93.2

NOTE.—Each percent is obtained from the ratio between (a) number of resident births in each specified race and urban-rural group occurring in hospitals and (b) the total number of births in each race and urban-rural group. Fercents are not additive.

<sup>&</sup>lt;sup>26</sup>Percentages of registration completeness for births occurring in institutions and for births outside of institutions determined from the 1940 birth registration test (Vital Statistics—Special Reports, vol. 23, No. 8) were used to derive these estimates.

#### STILLBIRTH STATISTICS

#### Definition and reporting of stillbirths

Differences in the definition of a stillbirth and in the completeness with which stillbirths are registered are two of the most important factors affecting the comparability of stillbirth statistics for the United States.

The United States definition of a stillbirth for registration purposes reads, "A fetus showing no evidence of life after complete birth (no action of heart, breathing, or movement of voluntary muscle), if the 20th week of gestation has been reached, should be registered as a stillbirth."2

State definitions of a stillbirth vary considerably not only with respect to the criteria for determining the absence of life but also as to the minimum gestation age28 for which a stillbirth report is required. In the great majority of States, the minimum gestation age is variously defined as "advanced to the fifth month," "reached the 20th week," "after at least 20 weeks," or "5 months (20 weeks) or more." New York City requires the reporting of any product of conception, while for three States the minimum gestation period ranges from 6 to 7 months.<sup>29</sup> Such differences have made it difficult to compile uniform stillbirth statistics for the United States.

Table AZ gives the number of stillbirths registered in each State by month of gestation for 1948. It will be noticed that while most cases conform to the State's definition, some stillbirths of less than the minimum gestation period requirement are reported. It will also be noticed that information on the important item of gestation age is lacking for 10,242, or 12.3 percent of the total. The number of stillbirths for which gestation age was not reported varied by State in 1948 from one or two in a few States to all cases in Massachusetts where the reporting of gestation age is not

As a step toward achieving a more uniform basis for the compilation of stillbirth data, stillbirths of less than 20 weeks

(By place of occurrence)

	T	·			1					1		
ARXA	Total	Under 1 month	1 month	2 months	3 months	4 months	5 months	6 months	7 months	6 months	9 months and over	Not stated
UNITED STATES	83,021	81	1,634	3,994	2,315	2, 159	6,402	7,450	9,013	8,471	31,250	10,242
Alebeme	2,293	_	_	1	_	18	150	214	258	218	1,102	332
Arizone	350	_	-	_	-	ĩ	30	42	54	35	171	17
Arkansas	929	1 -	_'	_		2	44	93	109	108	477	96
California	3,896	-	-	1	1	17	446	492	629	613	1,627	70
Colorado	569	-		-	l -	8	44	60	70	58 102	239 276	9D 56
Connecticut <sup>1</sup>	611 166	_	1	_	1	14 2	26 8	49 23	86 27	19	76	11
District of Columbianor	571	[	1	ı .	ī	3	35	68	67	72	256	64
Floride	1,480	_			ĩ	3	111	1.69	200	185	776	<b>3</b> 5
Georgia	2,454	-	~	-	5	12	165	293	365	381	1,119	94
Idaho <sup>2</sup>	227	_	-	_	-	1	1.9	29	1.9	21	92	46
Tilingis	3,270	-		-	9	58	297	361	443	432	1,581	69
Indiana	1,547	-	1	-	2	16	107	152 89	191 122	186 102	784 453	108 87
TowaKansas	934 688	-	-	-	1 3	13 9	67 41	69	87	81.	273	125
Kentucky	1,469	! [	_	_	2	5	52	77	74	69	641	549
Louisians	1,685	i -	_	' <u>-</u>	2	14	140	201	323	295	870	40
Maine	366		-	_	-	1	27	33	53	51	199	5
Maryland	1,225	-	1	4	29	42	1.33	1.35	153	153	489	106
Massachusetts	1,904	i -	-	-	-	-	-	-	-	-	-	1,904
Michigan	3,102		_	_	3	23	281	338	414		1,554	1.62
Minnesota	1,290		2	-	-	-	94	112	142	142	511	287
Mississippi	2,002	-:	-	-	12	5 61.	141 216	209	263 221	249 212	1,092 946	43 15
Montena	1,916		_		15	61.	216	29	25	34	119	1
Nebraska	533	] [	_	_	l î	a	55	55	60	69	237	48
Nevada	78	-	_	-		2	10	11	9	9	34	3
New Hampshire	247	-	1	-	}	4	19	28	35	29	127	4
New Jersey	1,958	_	-	4	24	54	153	169	240 53	213 46	825 243	276 6
New Mexico	417	-	-	-	-	1	27	41	3.5	46	243	•
New York (excluding New York City)	2,778	-	-	-	3	38	262	369	422	499	1,126	59
New York City9	13,982	81	1,624	3,975	2,174	1,240	892	547	485	358	1,717	889 53
North Carolina	2,686	-	-	1	1	24	194	324 18	391 22	410 28	1,286 116	30
North Dakota	241 3,883	_	_	-	1 13	152	22 490	393	456	469	1,390	499
Oklahoma	928	[	1	i	3	12	57	74	113	110	403	154
Oregon	527	_			_	5	52	49	77		207	49
Pennsylvania	4,765	-	-	-	ի ու	175	523	537	666	517	2,318	18
Rhode Island4	285	-	-	-	-	1	7	29	41	31	172	4
South Carolina	1,635	-	-	-	-	-	83	149	213	192	764	234
South Dakota	226	-	-	-	3	6	17	12	31	27	101	29
Temessee	1,818	-	_	-	l :		134	1.80	254 251	213 168	1,036 759	1 2,770
Texas	4,422	-	2	_	l s	28	166 39	276 25	33	50	120	2,770
Vermont <sup>S</sup>	169	1 [		1 - [	l I	3	9	ü	21	24	86	15
Virginia	2,126	[ ]	_	1	4	32	145	231	258		895	334
Washington	790	-	-	_	-	1	81	96	109		359	10
West Virginia	1,358	-	-	-	2	13	1,23	129	137	132	555	267
Wisconsin	1,365	-	-	-	1	5	134	151	220 21	246	595	13 14
Wyoning	126	_		-	, -	1	11	1	Z1	18	54	7.6

<sup>27</sup>Bureau of the Census, "Manual of the International List of Causes of Death and Joint Causes of Death," Government Printing Office, Washington, D. C., 1940.

<sup>&</sup>lt;sup>28</sup>The difficulties in reckoning gestation age are discussed in a recent report, "Stillbirth Statistics by Period of Gestation: United States and Each State, 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 25, No. 17, 1947

<sup>&</sup>lt;sup>29</sup>Rhode Island requests that all products of conception be registered, but only certificates for stillbirths of six completed months of gestation are used for statistical purposes.

Requires reporting of stillburths of not less than 28 weeks or measuring at least 13.8 inches.

Minimum gestation period not specified.

Requires reporting of any product of conception.

Requires that all products of conception be registered, but only certificates for stillbirths of six completed months of gestation are used for statistical purposes.

Minimum gestation period, 52 months.

quires reporting of stillbirths advanced to 5 months gestation or a total length of 10 inches.

or 5 months gestation are excluded from all tables in Part II of this volume and from tables BB, BC, VIII, and 10 in Part I. However, all stillbirths for which gestation age was not stated are included in these tables since it seems reasonable to assume, on the basis of reporting practice, that few are under 20 weeks or 5 months and that this small number would not justify distribution by age.

Stillbirth registration is far from complete. A recent study<sup>30</sup> conducted in New York City, where registration is probably more complete than for the country as a whole, indicates that of 2,045 fetal deaths 44 percent were not reported. The proportion not reported varied from 67 percent for those occurring in the first trimester of pregnancy to 14 percent for those occurring in the third trimester. Although little or no quantitative information is available regarding the extent of underregistration elsewhere, it is considered to be quite large and to vary with geographic area, with race, and with other characteristics of the population.

#### Trend of the stillbirth ratio

Stillbirth ratios by race are shown in table BA for the birthregistration States for the years 1922 through 1948. The ratios are computed for all stillbirths reported, regardless of-gestation period, because data by period of gestation are not available for the birth-registration States for the years before 1942.

TABLE BA. -- STILLBERTH RATIOS BY RACE: BIRTH-REGISTRATION STATES, 1922-48

(Includes all stillbirths reported, regardless of stated period of gestation. Ratios per 1,000 live births in each specified group)

YRAW	All races	White	Non- white	YEAR	All races	White	Non- white
1948	23.5 23.7 25.6 26.6	20.9 21.1 23.2 24.1	41.3 44.2 44.2 44.6	1934 1933 1932 1931	36.2 37.0 37.8 38.2	31.4 32.2 32.7 33.4	70.1 71.1 74.4 74.1
1944 1943 1942	27.0 26.7 28.2 29.9	24.5 24.2 25.5 26.5	45.4 46.2 49.3 51.0	1930 1929 1928	39.2 39.5 40.2 38.8	34.0 34.4 35.0 34.8	79.9 79.7 81.5 74.8
1940	31.3 32.0 32.1 33.4 34.4 35.8	27.7 28.2 28.1 29.2 29.8 31.1	56.7 59.0 61.1 63.2 66.9 68.7	1925 1925 1924 1923	38.1 38.1 39.3 38.9 39.4	35.1 35.1 35.8 35.9 36.4	73.0 73.1 76.2 71.8

NOTE.—Data relating to still births were collected for 1916 but not for the years 1919 to 1921, inclusive.

The stillbirth ratio for the birth-registration States showed no significant change for nearly a decade, remaining at about 39 per 1,000 live births through 1930. Since then, the ratio has dropped 40 percent from 39.2 per 1,000 live births in 1930 to 23.5 in 1948. The relative decline has been somewhat greater for the nonwhite than for the white population. While the ratio for the white population declined 39 percent, from 34.0 in 1930 to 20.9 in 1948, the ratio for the nonwhite races decreased 48 percent, from 79.9 to 41.3. Although no data are available to show that completeness of stillbirth registration has improved since 1930, there is no reason to believe that it has decreased; nor would the possible decrease in the number of reportable stillbirths resulting from changes in State definitions appear sufficient to account for the observed decline in the stillbirth ratio. It is likely, therefore, that the decline in the stillbirth ratio since 1930 represents a real reduction in fetal loss.

#### Stillbirth ratios by State

Table BB gives stillbirth ratios for 1948 by race for each State and geographic division by place of residence. These ratios, as noted previously, are computed only for stillbirths of 20 weeks or more gestation including the "Not stated" group. The ratios for the total population range from 13.3 per 1,000 live births for residents of South Dakota to 30.5 for

TABLE EB. -STILLBIRTH RATIOS BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1948

(By place of residence. Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births in each specified group)

ARRA	A11	White	Nonwhi te
AUSA	races	MILLE	Nonwin se
UNITED STATES	20.6	18.3	36.5
GEOGRAPHIC DIVISIONS			
New England	17.8	17.6	28.0
Middle Atlantic		21.0	40.4
East North Central	18.5	17.7	30.1
South Atlantic	17.3 25.2	16.5	37.0 39.2
East South Central	24.2	19.4   19.1	39.2 37.4
West South Central	22-1	18.6	36.5
MountainPacific	16.7	16.2	27.9
NEW ENGLAND	15.6	15.1	22.4
Maine	16.6	16.7	o
New Hampshire	18.7	18.5	117.6
Vermont	18.7	18.7	. 0
Massachusetts	19.4	19.1	
Rhode IslandConnecticut	17.3	17.0	28.8 23.2
	14.4	14.1	23.2
MIDDLE AFLANTIC	25.2	22.9	50.4
New Jersev	19.5	18.4	31.3
Pennsylvania	20.2	19.4	30.3
EAST NORTH CENTRAL			
Ohio	20.0	18.9	
IndianaIllinois	16.4	15.5	
Michigan	17.8 20.0	16.9 19.0	
Wisconsin	16.7	16.6	
WEST NORTH CENTRAL			
Minnesota	17.7	17.5	41.3
dissourt	14.8 20.9	14.8	19.6
Forth Dakota	14.3	18.8 14.0	42.9 27.3
South Dakota	13.3	13.1	18.4
lebraska	16.8	16.6	26.4
Kansas	1.6.0	15.4	29.3
SOUTH ATLANTIC Delewere	21.8	,,,,	
MarylandDistrict of Columbia	22.5	18.9 18.8	36.8 36.7
District of Columbia	21.0	15.1	30.5
// rg1n/8	26.2	20.9	41.7
West Virginia	25.7	24.8	41.6
North Carolina	24.3	18.0	37.5
Georgia	28.2	17.8	40.9
Plorida	26.1 24.8	19.0 17.6	58.7 44.0
east south central			
Kentucky	19.0	18.4	27.7
Temessee	21.3	18.9	32.5
Mississippi	26.8 30.5	20.0 19.5	38.6 39.8
WEST SCUTH CENTRAL	ĺ		,
Arkansas	19.1 25.5	16.6	26.8
Louisiana	. 25.5	17.1	38-8
Pexas	18.8 22.5	17.2 19.7	31.3 39.5
MOUNTAIN			
fontene	15.7	15.3	22.7
[daho	13.9	13.9	19.3
Tyoming	16.7	16.3	31.3
lew Mexico	16.8 20.7	16.6	30.0 24.4
rizona	17.6	20.4 15.6	24.4 32.9
tah	14.4	14.2	24.3
(evada	19.5	19.1	24.4
PACIFIC			
/ashington	14.1	13.9	18.1
Dregon	15.0	14.8	25.6
California	16.0	15.5	22.7

So Baumgartner, Leona; Wallace, Helen M.; Lendsberg, Eva; and Pessin, Vivian, "The Inadequacy of Routine Reporting of Fetal Deaths," as evidenced by a comparison of such reporting with maternity cases paid for under the Emergency Maternity and Infant Care (EMIC) Program, Amer. J. Public Health, vol. 39, No. 12, pp. 1549-1552, December 1949.

residents of Mississippi. By geographic division, the ratios range from 15.6 for the Pacific States to 25.2 for the South Atlantic. In every geographic division, the ratio for the nonwhite races is higher than that for the white population. It is difficult, however, to interpret these geographic differences in the stillbirth ratio because of differences from State to State in registration completeness and in the definition of a stillbirth.

#### Stillbirth ratios by age of mother and race

In relation to the number of live births, stillbirths are much more frequent in the nonwhite than in the white population. The stillbirth ratio for the nonwhite population of the United States in 1948 was 36.5 per 1,000 live births. This was twice as high as the corresponding ratio (18.3) for the white population.

Table BC gives stillbirth ratios by age of mother and race for the United States in 1948. In both race groups, the stillbirth ratio is at a minimum among women in the age group 20-24 years and increases with increasing age of mother. At every age, the ratio for the nonwhite population is higher than that for the white population.

TABLE BC .- STILLBIRTH RATIOS BY AGE OF MOTHER AND RACE: UNITED STATES, 1948

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births in each spacified group)

AGE OF MOTHER	All races	White	Nonwhite
ALL AGES <sup>1</sup>	20.6	18.3	36.5
Under 15 years	35.6	24.0	42.2
15-19 years	18.5	1.5.2	29.7
20-24 years	15.8	13.9	28.7
25-29 years	17.6	15.8	33.8
30-34 years	23.1	20.7	45.2
35-39 years	32.6	29.2	58.1
40-44 years	46.7	42.6	76.6
45 years and over	74.0	70.3	91.5

1Figures for age "Not stated" included in the total, but not distributed among the

#### MORTALITY STATISTICS

A total of 1,444,337 deaths was registered in the United States in 1948. The crude death rate, based on the estimated population excluding armed forces overseas, was 9.9 per 1,000 population. This is the lowest crude death rate that has ever been recorded for the country. The previous low was 10.0 in 1946.

#### Trend of the crude death rate

Table BD gives the number of deaths and the crude death rates for the death-registration States for each year from 1900 through 1948. In 1900, the first year in which mortality statistics were collected on an annual basis for the registration area, the crude death rate was 17.2 per 1,000 estimated population. Since then the death rate has decreased approximately two-fifths. The decline has been fairly continuous, the only major interruption occurring in 1918, when the death rate rose to 18.1 as a result of the influenza pandemic. These figures are for an expanding geographic area, which increased from 10 States and the District of Columbia in 1900 to the entire United States in 1933. Each State with year of admission to the registration area, is listed in table BE.

In the absence of mortality data for the entire United States for the years before 1933, the crude death rates for the expanding registration area are frequently used as an index of the decline in mortality for the country as a whole. Their general downward trend is not misleading. Essentially the same trend is found in the crude death rates for the individual States, shown in table  $\Pi$ .

However, both the level and rate of change of the crude death rates for the expanding registration area have been influenced by changes in the composition of the population of

TABLE BD. - CRUDE DEATH RATES: DEATH-REGISTRATION STATES, 1900-1948

(Exclusive of stillbirths. Rates per 1.000 estimated midwear population)

(HADINGTO OF SOLIZON	Estimated	DEATH-REGIS	TRATION STA	TES
YEAR	midyear population of	Estimated midyear	Dee:	ths
	continental United States	population <sup>2</sup>	Number <sup>3</sup>	Rate
1948	146,571,000	146,114,000	1,444,337	9.9
1947	144,024,000	143,405,000	1,445,370	10.1
1946	141,235,000	139,899,000	1,395,617	10.0
1945 1944	139,585,518	132,018,525 132,552,005	1,401,719 1,411,338	10.6 10.6
1943	138,083,449 136,497,049	133,966,319	1,459,544	10.9
1942	134,664,924	133,770,500	1,385,187	10.4
1941	133,202,873	133,060,045	1,397,642	10.5
1940	131,970,224	131,954,144	1,417,269	10.7
1939	130,879,718	130,879,718	1,387,897	10.6
1938	129,824,939	129,824,939	1,381,391	10.6
1937	128,824,829	128,824,829	1,450,427	11.3 11.6
1936	128,053,160	128,053,180		
1935	127,250,232	127,250,232	1,392,752	10.9
1934	126,373,773	126,373,773 125,578,763	1,396,903 1,342,106	11.1 10.7
1933	125,578,763 124,840,471	118,903,899	1,293,269	10.9
1931	124,039,648	118,148,987	1,307,273	11.1
1930	123,076,741	117,258,278	1,327,240	11.3
1929	121,769,939	115,317,450	1,369,757	11.9
1928	120,501,115	113,636,160	1,361,987	12.0
1927	119,038,062	107,084,532	1,211,627	11.3 12.1
1926	117,399,225 115,831,963	103,822,683 102,031,555	1,257,256	11.7
1924	114,113,463	99,318,098	1,151,076	11.6
1923	111,949,945	96,788,197	1,174,065	12.1
1922	110,054,778	92,702,901	1,083,952	11.7
1921	108,541,489	87,814,447	1,009,673	11.5
1920	106,466,420	86,079,263	1,115,070	13.0
1919	104,512,110	83,157,982	1,072,263	12,9
1918	103,202,801	79,008,412	1,430,079 981,239	18.1 14.0
1917	103,265,913	70,234,775 66,971,177	924,971	13.8
1916	101,965,984 100,549,013	61,894,847	815,500	13.2
1914	99,117,567	60,963,309	810,914	13.3
1913	97,226,014	58,156,740	802,909	13.8
1912	95,331,300	54,847,700	745,771	13.6
1911	93,867,814	53,929,644	749,918 696,856	13.9 14.7
1910	92,406,536	47,470,437	_	
1909	90,491,525	44,225,515	630,057 567,245	14.2 14.7
1908	88,708,976	38,634,759 34,552,837	550,245	15.9
1907	87,000,271 85,436,556	33,782,288	531,005	15.7
1905	83,819,666	21,767,980	345,863	15.9
1904	82,164,974	21,532,076	349,855	16.4
1903	80,632,152	20,943,222	327,295	15.6
1902	79,160,196	20,582,907	318,636	15.5 16.4
1901	77,585,128	20,237,453	332,203 343,217	17.2
1900	76,094,134	13,303,446	020,011	

For 1949-48, includes armed forces overseas.

TABLE RE. -- YEAR IN WHICH EACH STATE WAS ADMITTED TO THE DEATH-REGISTRATION AREA

YEAR	STATE	YEAR	STATE	YEAR	STATE
1680	Massachusetts	1908	Washington	1919	Florida
	New Jersey	Į.	Wisconsin	-	Mississippi
	Dist. of Columbial	1909	Ohio	1920	Nebrasko
1890	Connecticut	1910	Minnesota	1922	Georgia <sup>5</sup>
	Delaware <sup>2</sup>		Montana	ll .	Idaho
	New Hampshire	- 11	North Carolina4	- 11	Wyoming
	New York	li .	Utah	1923	Iowa.
	Rhode Island	1911	Kentucky	1924	North Dakota
	Vermont		Missouri	1.925	Alabama
1900	Maine	13	Virginia	11	West Virginia
	Michigan	1914	Kansas	1926	Arizona
	Indiana	1916	South Carolina	1927	Arkansas
1906	California	1917	Tennessee	1928	Oklehoma
	Colorado	1918	Illinois	1929	Nevada.
	Maryland	II	Louisiana	- 11	New Mexico
	Pennsylvania	H	Oregon	1933	Техан
	South Dakota	U	t	ll l	1

Included in States.

excludes armed forces over <sup>3</sup>For 1940-48, excludes deaths among armed forces overseas.

Dropped from the registration area in 1900; readmitted in 1919.

Dropped from the registration area in 1910; readmitted in 1930.

Included only municipalities with populations of 1,000 or nore in 1900 (about 16 percent of the total population); the remainder of the State was added to the area

in 1915.

\*\*Dropped from the registration area in 1925; readmitted in 1928.

the area. During the expansion period of the registration system, the population composition of the area changed frequently by the addition of States whose population varied in age and race distribution as well as in occupational and other characteristics. A second type of change in population composition was brought about by the decline in the birth and death rates, and by restrictions placed on immigration. As a consequence the average age of the population increased.

The influence of the population changes resulting from the growth of the death-registration States may be seen from a comparison of the crude death rates for the expanding area with those for a fixed group of States, the death registration States of 1900 (table BF). Although the trends for both the fixed and the expanding group of registration States are affected to some extent by the aging of the population in the respective areas, the differences between the two may be attributed chiefly to the changing composition of the expanding group of registration States. Since 1906, when 5 States were added to the original area, the rates for the expanding area have been lower than those for the States of 1900. The comparatively low death rates for some of the newly admitted States may have been due partly to less complete registration than in the States of 1900. It is also true that the majority of the newly admitted States were those with a younger population which would be expected to have lower crude death rates.

TABLE BF. -- CRUDE DEATH RATES: DEATH-REGISTRATION STATES OF 1900, 1900-1948

(By place of occurrence. Exclusive of stillbirths. Rates per 1,000 estimated midwear population)

macyota popula	01011)		
YEAR	Estimated midyear population	Deaths <sup>2</sup>	Crude desth rate
1948	39,151,000	410,068	10,5
1947	38,696,000	410,439	10.6
1946	37,668,000	399,454	10.6
1945	34,980,000	400,527	11.5
1944	34,913,000	401,104	11.5
1943	35,154,000	424,163	12.1
1942	35,477,000	394,767	11.1
1941	35,532,000	391,677	11.0
1940	35,435,000	394,650	11.1
1939	35,314,889	391,329	11.1
1938	35,111,774	JB5,121,	11.0
1937	34,932,731	403,351.	11.5
1936	.34,760,511	405,605	11.7
1935	34,507,613	388,861	11.3
1934	34,211,483	390,206	11.4
1935	33,985,324	384,733	11.3
1932	33,804,620	383,305	11.3
1931	33,639,002	393,830	11.4
1930	33,424,483	385,970	11.5
1929	32,794,166	406,954	12.4
1928	32,017,994	398,826	12.5
1927	31,398,197	374,441.	11.9
1926	31,098,147	400,729	12.9
1925	30,708,973	379,877	12.4
1924	30,132,895	36B,739	12.2
1923	29,53B,065	380,174	12.9
1922	2B,994,025	364,935	12.6
1921	28,582,224	347,355	1.2.2
1919	28,044,761	388,609	13.9
1919	27,635,524	374,613	13.6
1918	26,955,633	516,578	19.2
1916	26,982,383	403,506	15.0
1915	28,572,517	397,698	15.0
1914	26,185,198	373,705	14.5
1913	25,815,832 25,367,952	371,441 372,895	14.4 14.7
1912	, ,	-	
1911	24,882,050	363,619	14.8
1910	24,498,110	368,087	15.0
1909	24,130,431	377,015	15.6
1908	23,669,456	353,576	14.9 15.1
1907	23,202,753 22,757,506	351,163 366,658	16.1
1906	90 961 870	*E* DOS	75.0
1905	22,261,378	353,906	15.9
1904	21,767,980 21,332,076	345,863 349,855	15.9 16.4
1903			15.4
1902	20,943,222	327,295 318,636	15.5
1901	20,382,301	332,203	16.4
1900	19,965,446	343,217	17.2
	*45	المن وليون	11.6

<sup>&</sup>lt;sup>1</sup>For 1940-48, excludes armed forces overseas. <sup>2</sup>For 1940-48, exclusive of deaths among armed forces overseas.

The effect of the changing age structure of the population upon the crude death rates for the expanding group of registration States may be examined by comparing their trend with the trend in the rates adjusted for age (table BL). The rate of decline in the crude death rate for the period 1900 to 1917 was about three times greater than that for the period beginning with 1921. But, when the rates are adjusted for changes in the age composition of the population, the rates of decline in the death rates for the two periods are found to be nearly the same. <sup>31</sup>

Death rates for the period of World War II, which have been computed for the population present in the country, excluding the armed forces overseas, were influenced by the changes in population composition resulting from the withdrawal of young men for duty with the armed forces overseas. Thus, the crude rate became more heavily weighted by the higher mortality of the older age groups in the population. It will be noticed, however, that the total death rate, adjusted for age, declined regularly during the war and postwar years, excepting a rise in 1943 which was associated with an epidemic of influenza.

#### Crude death rates by State

The crude death rate by State of residence in 1948 ranged from 7.6 per 1,000 population for Utah to 11.8 for residents of New Hampshire (table BG). In general, the higher rates were among residents of the New England, Middle Atlantic, and North Central Divisions and the lower rates in the Southernand Pacific.

Differences in the crude death rates for States reflect not only differences in mortality but also differences in the age, race, and sex composition of the population. For example, the relatively high death rates for some of the New England and Middle Atlantic States are associated with the older average age of persons living in these areas and therefore do not necessarily indicate less favorable mortality conditions. In addition, it may be assumed that differences in completeness of death registration are a factor in the geographic differences in the crude rates.

Between 1940 and 1948 the crude death rate declined in all except a few States. By geographic division, the percentage change in the rate varied from a decrease of 2.0 percent for the West North Central Division to a drop of 17.5 percent for the Pacific.

In interpreting the year-to-year changes in the crude death rates for the individual States since 1940, it should be kept in mind that the population of each State was affected by the mobilization of young men into the armed forces during the war years and by their demobilization in the latter part of 1945 and 1946. Furthermore, rapid changes occurred in the composition of State populations owing to the internal migration of civilians and of military personnel. It should be noted that a change in the method of estimating State populations may account for part of the differences between the crude death rates for 1947 and 1948. <sup>32</sup>

#### Death rates by month

Table BH shows crude death rates by month for the United States for the 9 years 1940 through 1948. From this series of monthly rates it can be seen that the seasonal movement in the crude death rate is characterized by a swing from minimum rates in August and September to maximum rates in the

<sup>&</sup>lt;sup>31</sup>For detailed analysis, see Moriyema, Iwao M., "Age-Adjusted Death Rates in the United States, 1900-1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 1, 1945.

S2Bureau of the Census, "Current Population Reports, Population Estimates," Series P-25, No. 26, p. 2, 1949.

winter months. This cycle in the crude death rate for all causes roughly parallels the seasonal changes in the incidence of respiratory disease. The higher death rates for the winter months represent an excess in mortality from a number of causes of death, some of which is associated with an increased mortality from the respiratory diseases. The highest December death rate in the 9-year period, that for December 1943, was associated with an epidemic of influenza which reached its peak at the end of the month.

TABLE BG. --CRUDE DEATH BATES: UNITED STATES, EACH DIVISION AND STATE, 1940, 1847, AND 1948, AND FERCENTAGE CHANGE IN RATE, 1940 TO 1948

(By place of residence. Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 1,000 estimated total midwear population present in area)

AREA	1948	1947	1940	Percentage change 1940 to 1948
UNITED STATES	9.9	10.1	10.7	-7.5
GEOGRAPHIC DIVISIONS				
New England	11.0	10.9	11.7	-6.0
Middle Atlantic	10.7	10.8	11.2	-4.5
East North Central	10.2	10.5	11.0	-7.3
West Morth Central	10.0	10.3	10.2 10.4	-2.0 -10.6
South Atlantic	9.5 9.4	9.4	10.4	-9.6
West South Central	8.6	8.7	9.7	-11.3
Mountain	9.5	9.9	10.1	-5.9
Pacific	9.4	9.6	11.4	-17.5
nosa england				
kine	11.1	11.3	12.5	-11.2
ew Hempshire	11.8	11.6	12.7 13.0	-7.1 -13.1
ermont	11.3	12.0	11.9	-5.C
Node Island	11.0	11.2	11.3	
Connecticut	9.8	9.7	10.6	-7.5
MIDDLE ATLANTIC				
lew York	11.1	11.1	11.1	9
lew Jersey	10.1	10.4	11.0	-8.2 -8.0
Pennsylvania	10.4	10.5	11.5	-8.0
EAST NORTH CENTRAL				1
Dhio	10.3	10.7	11.4	-9.6
Indiana	10.1	10.6	11.8 11.3	-14.4 -3.5
(llinois	10.9 9.1	11.2 9.4	9.9	-8.3
Visconsin	9.9	10.2	10.0	-1.0
WEST NORTH CENTRAL				
finnesota	9.3	9.6	9.4	-1.3
Court	10.0	10.2	10.3	-2.9
Viesovri	11.0	11.4	11.5	-4.3
North Dakota	8.8	9.7	8.2 8.9	+7.3 +6.
South Dakota	9.5 9.8	9.9 10.0	9.6	
Kensas	9.8	9.7	10.3	
SOUTH ATLANTIC				
Dolompo	11.4	11.5	.15.5	-6.0
brafyraN	1.0.4	10.5	12.0	
District of Columbia	9.5	9.6	11.9	
Virginia	9.5 9.2	9.7 9.1	10.9 9.2	
Wanth Canalina	7.9	6.2	8.9	-11.
Courth Comoling	9.1		10.7	
Georgia	9.3	9,2 10.4	10.5 11.3	
Florida	10.2	10.4	11.0	
EAST SOUTH CENTRAL			10.5	-6.
KentuckyTennessee	9.8 9.1	10.2	10.5 10.0	
Alchomp	9.2	9.3	10.5	-12.
Mississippi	9.6	9.6	10.7	-10.
WEST SOUTH CENTRAL				
Arkansas	7.9	7.9	8.8	
Louisiana	9.1		10.8 9.0	1
Oklahoma	8.7	8.8	9.7	
	1			
MOUNTAIN Montana	11.5	11.6	10.3	
T3-1-	8.4	9.1.	9.3	
Manada A	8.4	6.9	8.5 10.8	
C-1	10.5	11.0	10.8	_
New MexicoArizona	9.8		11.0	-14.
Utah	7.6	7.8	8.7	
Nevada	9.9		12.5	-20.
PACTFIC				
We shington	8.0		11.5	
A-2	B.6	€.7	11.3	
California	9.6	9.9	11.4	'l <u>-15</u>

TABLE BH. -- DEATH RATES BY MONTH: UNITED STATES, 1940-48

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates on an annual basis per 1,000 estimated midyear population excluding armed forces overseas)

HTWOM	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL	9.9	10.1	10.0	10.6	10.6	10.9	10.4	10.5	10.7
January	11.2 11.1 10.5 9.9 9.7 9.5	10.8 11.5	11.7 11.2 10.4 10.0 9.8 9.6	11.4 10.9 10.5	13.4 11.4 11.2 10.9 10.4 10.1	11.8 11.7 11.7 11.2 10.6 10.5	11.4 11.3 11.2 10.6 10.0 9.7	12.9 12.0 11.3 10.6 10.2	12.6 12.5 11.7 11.0 10.4
July	9.1 9.3 8.8 9.6 9.6	9.2 9.4 9.0 9.5 10.1 10.8	9.1 8.8 9.2 9.5 9.8 10.6	9.7 9.6 9.6 10.3 10.5 12.8	9.7 9.4 9.4 10.1 10.5 11.2	9.8 9.5 9.5 10.1 10.4 14.0	9.7 9.1 9.4 10.1 10.4 11.3	9.9 9.4 9.3 9.6 10.3 10.4	10.4 9.3 9.5 9.9 10.4 11.2

#### Death rates by age, race, and sex

The great variation in mortality with age, race, and sex is evident in the data for 1948 shown in table BJ. Mortality is lowest in childhood and highest at the two extremes of the life span. From a comparatively high level in early infancy, the death rate drops sharply and remains comparatively low during childhood. Thereafter, the death rate rises, slowly during the young adult years, and more rapidly during middle and older age.

At every age throughout the life span, males are subject to a higher mortality than females. The proportionate dif-

TABLE BJ. -- DEATH RATES BY AGE, SEX, AND RACE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 1,000 estimated midyear population in each specified group, excluding armed forces overseas)

AGE AND SEX			
	All races	White	Nonwhite
ALL AGES <sup>1</sup>	9.9	9.7	11.3
Male	11.3	11.2	12.6
Female	8.5	8-3	10.0
Under 1 year	35.0	52.2	56.5
MaleFemale	39.4 30.4	36.4 27.8	63.1 49.9
	30.4	21.0	43.3
1 to 4 years	1.6	1.5	2.4
Male	1.7	1.6	2.6
Female	1.4	1-3	2.3
5 to 14 years	0.7	0.6	0.9
Male	0.8	0.8	0.9
Female	0.5	0.5	0.8
15 to 24 years	1.4	1.2	2.9
Moles	1.8	1.6	3.1
Female	1.1	0.8	2.7
25 to 34 years	2.0	1.6	4.8
Mele	2.4	2.0	5.4
Female	1.6	1.3	4.3
35 to 44 years	4.0	3.4	9.3
Male	4.8	4.2	10.3
Female	3.2	2.6	8.4
45 to 54 years	9.0	8.1	18.5
Malannananananananananananananananananan	11.4	10.4	21.1
Pemale	6.8	5.8	16.0
55 to 64 years	19.4	18.3	32.4
Male	24.2	23.3	36.1
Female	14.5	13.4	28.6
65 to 74 years	44.0	43.2	56.0
Mala	52.1	51.5	60.5
Female	36.4	35.4	51.1
75 to 84 years	96.3	97.9	73.0
Mala	107.0	108.7	84.2
Female	87.1	86.B	62.7
85 years and over	247.1	267.0	105.7
Male	254.9	271.8	124-9
Female	241.3	263.3	93.0

 $^{3}$ Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

ference in the death rates for the two sexes is greater for the white than for the nonwhite population. In 1948, the death rate for white males was 35 percent higher than the death rate for white females, while the corresponding difference between the death rates for the two sexes in the nonwhite population was 26 percent.

The death rates among nonwhite persons in 1948 exceeded the death rates for white persons in each of the age groups shown except those for ages 75 years and over, and was more than twice as high as the rate for white persons in the age range 15 to 54 years. The relative difference in the mortality of the two race groups is greater among females than among males.

The differing trends in mortality by age are evident in table X. This table gives death rates by age for the expanding area of the death-registration States from 1900 to 1948, inclusive. In this period, the death rate has declined at every age, the greatest relative decrease having occurred in the death rates for the younger ages, and the smallest in the rates for the older ages. Since 1900, the death rate for young children, 1-4 years of age, has decreased 92 percent, while the difference between the 1900 and 1948 death rates for persons in the age group 75-84 years is only 22 percent, and that for persons 85 years and over is 5 percent. Some year-to-year fluctuation is found in these series of death rates but, in general, the death rate for each age group has declined fairly

TABLE BK. —DEATH HATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1948
(Exclusive of stillbirths. Rates per 1,000 estimated midyear population in each specified group)

apostrica group)									
YEAR	ALL RACES			WHITE		NONWHITE			
	Both sexes	Male	Fe- male	Both sexes	Male	Fe- male	Both sexes	Male	Fe- male
19461	9.9	11.3	8.5	9.7	11.2	8.3	11.3	12.6	10.0
19472	10.1	11.5	8.7	9.9	11.4	8.5	11.3	12.5	10.2
19461	10.0	11.4	8.6	9.8	11.3	8.5	11.1	12.3	9.9
18451	10.6	12.7	8.8	10.4	12.5	8.6	12.0	13.9	10.4
19441	10.6	12.4	9.0	10.4	12.3	8.8	12.4	13.9	11.0
1943 <sup>1</sup>	10.9	12.4	9.4	10.7	12.2	9.2	12.8	14.0	11.6
1942*	20.4	11.7	9.0	10.1	11.5	8.7	12.7	14.0	11.4
19411	10.5	11.8	9.2	10.2	11.4	8.9	13.5	14.8	12.2
19401	30.7	12.0	9.5	10.4	11,6	9.2	13.8	15.1	12.5
1939	10.6	11.7	9.5	10.3	11.3	9.2	13.5	14.7	12.4
1938	10.6	11.7	9.6	10:3	11.3	9.2	14.0	15.2	12.9
1937	11.3	12.5	10.0	10.8	12.0	9.6	14.9	16.4	13.4
1936	11.6	12.7	10.4	11.1	12.3	9.9	15.4	16.9	13.9
1935	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0
1934	11.1	12.1	10.0	10.6	11.7	9.6	14.8	16.0	13.5
1933	10.7	11.5	9.7	10.3	11.2	9.3	14.1	15.1	13.1
1932	10.9	11.7	10.0	10.5	11.3	9.6	14.5	15.4	13.5
1931	17.1	12.0	10.1	10.6	11.5	9.6	15.5	16.5	14.5
1930	11.3	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3
1929	11.9	12.8	11.0	11.3	12.2	10.4	16.9	18.0	15.8
	12.0	12.8	111.1	11.4	12.3	10-5	17.1	18.0	16.2
1927	11.3	12.1	10.5	10.8	11.6	10.0	16.4	17.2	15.6
1926	12.1	12.9	11.5	11.6	12.3	10.8	17.8	18.7	16.9
1924	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.6
1923	12.1	12.3	10.9	11.0	11.8	10.3	17.1	17.9	16.3
1922	11.7	12.7 12.3	11.5	11.7	12.3	17.0	16.5	17.0	16.0
1921	11.5	11.9	11.6	11.3	11.9	10.7 10.6	15.2 15.5	15.7 15.7	14.8 15.4
				1 1	i i	1		i I	
1920	13.0	13.4	12.6	12.6	13.0	12.1	17.7	17.8	17.5
1918	12.9	13.5	12.3	12.4	13.0	33.8	17.9	18.1	17.8
1917	18.1 14.0	19.8	16.4	17.5	19.3	15.8	25.6	267	24.4
1916	13.8	15.0	12.9 12.8	13.5 13.4	14.6	12.4	20.4	21.4	19.4
1915	13.2	14.0	12.3	12.9	14.4 13.7	12.4	19.1 20.2	19.9 20.8	18.4
1914	13.3	14.2	12.4	13.0	13.9	12.1	20.2	20.9	19.5 19.4
1913				i i	1	l	- 1		
1912	13.8 13.6	14.8	12.8	13.5	14.5	12.5	20.3	21.0	19.6
1911	13.9	14.5 14.7	12.7	13.4	14.3 14.5	12.4	20.6	21.3	19.7
1910	14.7	15.6	13.7	13.7 14.5	15.4	12.8 13.6	21.3	21.9	20.6
1909	14.2	15.1	13.4	14.0	14.9	13.2	21.8	22.3	21.2 21.0
1908	14.7	15.5	13.8	14.5	15.3	13.6	22.4	22.8	22.0
1907	15.9	17.0	14.8	15.7	16.8	14.5	24.3	25.0	23.5
1906	ار ۔ ا	ا ۽ ۽ ا	ا ـ ـ ا	ا ۔۔ ا	ا ۔ ۔ ا				
1905	15.7 15.9	16.7	14.7 15.0	15.5	16.5	14.4	24.2	24.7	23.5
1904	16.4	16.7	15.5	15.7 16.2	16.5	14.8	25.5	26.8	24.3
1903	15.6	16.4	14.8	15.4	16.2	14.6		27.6	24.7
1902	15.5	16.4	14.6	15.3	16.2	14.4	24.5	25.5	23.4 22.3
1901	16.4	17.3	15.6	16.2	17.1	15.4	24.3	25.6	25.1
1900	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4
				]					

<sup>&</sup>lt;sup>1</sup>Exclusive of deaths among armed forces oversess. Based on populations excluding armed forces overseau.

continuously. One major interruption is to be noted, that caused by the influenza epidemic of 1918. Here it is of interest to see that this epidemic had its greatest impact upon young adults. The death rate for the age group 15-24 years was more than twice as high in 1918 as in the preceding year. On the other hand, the death rates for infants and for older persons were less affected. In fact, the death rates for persons in the age groups 55 years and over declined slightly from the 1917 level.

The trends in the crude death rates by race and sex for the death-registration States are shown in table BK for the years 1900 through 1948. The corresponding age-adjusted death rates for the same period are given in table BL. Between 1900 and 1948, the age-adjusted death rate for white males declined 45 percent, while there was a decrease of 50 percent in the adjusted rate for nonwhite males. Somewhat greater reductions are seen in the age-adjusted rates for females of both race groups. Of particular interest is the widening differential in the death rates for males and females which appeared shortly after World War I. For example, in 1926, the age-adjusted death rate for males was little more than 14 percent higher than that for females. By 1948, the difference had increased to 41 percent.

TABLE BL. —AGE-ADJUSTED DEATH RATES BY BACE AND SEX: DEATH-REGISTRATION STATES, 1900-1948

(Rates per 1,000 population. Computed by the direct method using as the standard population this age distribution of the population of the United States as enumersted in 1940)

				re .					
	ALL RACES		L	WELTE		K	NONWHITE		
YEAR	Both sexes	Male	Fe- male	Both sexes	Male	Fe- male	Both sexes	Male	Fe- mele
1948	9.0	10.6	7.5	8.6	10.2	7.1	12.8	14.3	11.4
19471	9.1	10.7	7.7	6.8	10.4	7.3	12.8	14.1	11.6
19461	9.3	10.8	7.8	8.9	10.4	7.5	12.7	14.0	11.5
19451	9.6	11.2	8.1	9.2	10.8	7.7	13.5	15.0	12.2
1944 <sup>1</sup>	9.8	11.4	6.4	9.4	10.9	7.9	14,3	15.4	12.9
19431	10.3	11.7	6.8	9.8	11.3	8,3	14.7	15.9	13.6
1942	30.0	11.4	8.6	9.5	10.9	8.1	14.7	16.0	13.4
19411	10.3	11.7	8.9	9.8	11.2	8.3	15.7	17.1	14.4
19401	10.7	12.1	9.4	10.2	11.6	8.8	16.2	17.5	14.9
1939	10.7	12.0	9.5	10.2	11.4	8.9	16.0	17.1	14.9
1938	10.9	12.1	9.7	10.3	11.5	9.1	16.6	17.7	15.5
193?	12.7	13.1	10.3	11.1	12.4	9.7	17.8	19.2	16.3
1936	12.2	13.5	10.8	12.5	12.8	10.1	18.5	20.1	17.0
1935	11.6	12.9	10.4	11.1	12.3	9.8	17.3	18.5	16.1
1933	11.9	13.1	10.7	11.3	12.5	10.0	17.9	19.0	16.7
1932	11.6	12.7	10.5	11.0	12.2	9.9	17.2	16.1	16.4
1931	11.9	12.9	10.8	11.3	12.3	10.2	17.8	18.6	17.0
	12.1	13.2	11.0	11.4	12.5	10.3	19.0	19.9	18.1
1930	12.5	13.5	11.3	11.7	12.8	10.6	20.1	21.0	19.2
1929	13.2	14.2	12.1	12.4	13.5	11.4	21.0	21.9	20.0
1928	13.4	14.4	12.3	12.6	13.6	11.5	20.9	21.7	20,2
1927	12.6	13.5	11.6	11.9	12.6	10.9	19.8	20.4	19.3
1926	13.5	14.3	12.5	12.7	13.6	11.8	21.4	22.1	20.8
1925	13.0	13.B	12.2	12.3	13.2	11.4	20.9	21,4	20.4
1924	12.9	13.7	12.1	12.2	13.1	11.3	20.5	23.1	20.0
1925	13.5	14.2	12.8	12.9	13.7	12.1	19.8	20.0	19,7
1922	13.0	13.7	12.4	12.6	13.3	11.8	18.3	10.4	18.4
1921	12.7	13.2	12.1	12.2	12.7	11.6	18.2	10.0	18.6
1920	14.2	14.7	13.8	13.7	14.2	13.1	20.6	20.4	21.0
	14.0	14.6	13.4	13.4	14.1	12.8	20.5	20.3	20.8
1918	19.0	20.9	17.3	18.4	20.2	16.6	28.0	28.9	27.1
1917	15.3	16.5	14.0	14.7	16.0	13.4	23.4	24.1	22.7
1915	15.1	16.2	13.9	34.7	15.8	13.4	22.2	22.6	21.6
1915	14.4	15.4	13.4	14.1	15.1	13.0	23.1	23.5	22.6
1913	14.5	15.6	15.4	14.1	15.2	13.0	22.6	23.3	21.9
	15.0	16.1	13.7	1,4.6	15.8	13.4	22.7	23.3	22.0
1912	14.8	16.0	23.7	14.6	15.7	13.4	23.1	24.0	22.2
1911	15.2	16.2	14.1	14.9	15.9	13.8	23.7	24.4	22.9
1910	15.8	16.9	14.6	15.6	16.7	14.4	24.1	24.8	23.2
1909	15.3	1,6.3	14.2	15.0	16.1	24.0	24.1	24.8	23.3
1908	15.8	16.8	34.6	15.5	16.6	14.4	24.7	25.3	24.l
1907	17.1	18.4	15.7	16.8	18.2	15.4	26.6	27.5	25.7
1906	16.7	17.9	15.4	16.4	17.6	15.1	26-2	27.0	25.5
1905	16.7	17.8	15.7	16.5	17.6	15.4	28.3	29.7	26.9
1904	17.3	18.4	16.2	17.1	1B.1	16.0	29.1	30.7	27.4
1903	16.5	17.4	15.5	16.2	17.2	15.3	27.2	28.5	25.9
1902	16.2	17.2	15.1	16.0	17.0	14.9	25.9	27.5	24.5
1901	17.2	18.2	16.2	17.0	18.0	16.0	26.9	28.4	25.5
1900	17.8	18.6	17.0	17.6	18.4	16.8	27.8	28.7	27.1

The age-specific rates used in computing the age-adjusted rates are exclusive of details among armed forces overseas and are based on populations excluding armed forces overseas.

#### Trend of death rates for selected causes of death

Table XI gives death rates for selected causes of death for the expanding area of the death-registration States for the years 1900 to 1948, inclusive. The most striking features to be found in these data are the great reductions in the mortality from the infectious diseases and the rise in mortality from the so-called degenerative diseases, or diseases of the older ages.

The three leading causes of death in 1900 were pneumonia (all forms) and influenza; tuberculosis; and diarrhea, enteritis, and ulceration of the intestines. By 1948, pneumonia and influenza had dropped to sixth place and tuberculosis to seventh place in the ranking of causes of death; and diarrhea, enteritis, and ulceration of the intestines had diminished to relatively minor importance as a cause of death.

The death rate for pneumonia and influenza declined from 202.2 per 100,000 population in 1900 to 38.7 in 1948. The decline in the rate has been marked by epidemic rises, the greatest occurring in 1918, when the death rate for this cause rose to 588.5. The decline in the rate has been particularly rapid since 1937, the total percentage decrease in the rate in the last 11 years being greater than in the preceding 38 years.

The death rate for tuberculosis declined from 194.4 per 100,000 population in 1900 to 30.0 in 1948. The almost continuous decline in the tuberculosis death rate was interrupted by a temporary rise in the period 1917 and 1918 which was associated, at least in part, with the influenza pandemic. From a high rate of 149.8 in 1918, there was a sharp decline to 97.6 in 1921, and since then the course of the tuberculosis death rate has been steadily downward.

The most striking reductions have occurred in the death rates for such causes as diarrhea, enteritis, and ulceration of the intestines; and typhoid and paratyphoid fever. The death rate for diarrhea and enteritis declined 96 percent, from 142.7 per 100,000 population in 1900 to 5.6 and 6.0 in 1947 and 1948, respectively. In the same period the death rate for typhoid and paratyphoid fever dropped 99 percent, from 31.3 in 1900 to 0.2 in 1948.

The decline in the mortality rates for the infectious diseases can be attributed in large measure to advances in public health and medical practice. Since the turn of the century great strides have been made in environmental sanitation, particularly with regard to the protection of milk and water supplies and to the disposal of domestic and industrial wastes; in immunization; in the development of disease. Perhaps the most important contribution to the public health in recent years is the use of sulfonamides and antibiotics in the treatment of infections. These therapeutic agents have been effective, not only in reducing the mortality from pneumonia but also in hastening the decline in the death rates for other causes, such as appendicitis and puerperal septicemia.

The decline in the death rates for the infectious diseases has had a marked effect upon the total crude death rate. But this effect has been partially offset by the increase in the crude rates for such causes as diseases of the heart, cancer and other malignant tumors, diabetes, and motor-vehicle accidents.

The three leading causes of death, in recent years, have been diseases of the heart, cancer, and intracranial lesions of vascular origin. These were followed in 1948 by nephritis, accidents other than motor-vehicle accidents, pneumonia and influenza, tuberculosis, premature birth, diabetes, and motor-vehicle accidents.

From the table it will be seen that the crude death rate for diseases of the heart increased from 137.4 per 100,000 population in 1900 to 322.7 in 1948. In the same period, the crude death rate for cancer rose from 64.0 to 134.9; and the rate for diabetes, from 11.0 to 26.4.

Several factors have contributed to the rise in the crude death rates for these causes. The prevention of deaths from diseases of infancy and childhood, the decline in the birth rate (before World War II), and the virtual cessation of immigration, have resulted in a population with a larger proportion of persons in the older age groups. This change in the age composition of the population has tended to increase the crude death rates for diseases associated primarily with the older ages. Also, the increase in the proportion of deaths occurring in hospitals and the development of improved diagnostic techniques and facilities have undoubtedly led to an increase in the number of instances in which heart disease, cancer, and certain other conditions are recognized and certified as causes of death.

Changes in the terminology and detail in which causes of death are reported on the death certificate and in the procedure for selecting a single cause for statistical tabulation have also affected the trend in the crude death rate for diseases of the heart. However, a recent study<sup>59</sup> of mortality trends for heart diseases has shown that, in the age groups where the death rate for heart disease has been increasing, there has been a compensatory decrease in the death rates for associated causes, such as intracranial lesions of vascular origin, chronic nephritis, and arteriosclerosis and high blood pressure, and that no upward trend is apparent for these causes considered together as a group.

A combination of factors has been described as contributing to the upward trend in the death rate for diabetes.<sup>34</sup> Diabetes is frequently reported on the death certificate in the space for "Other conditions" which might have contributed to the risk of dying but which were not related to the immediate or direct cause of death. According to the present method of selecting a single cause for statistical tabulation, no distinction is made between diseases or conditions so reported and those in the sequence of events leading to the immediate cause of death. Because of the priority weight which is given to diabetes in selecting the primary cause, and because of the increase in the proportion of death certificates returning two or more causes, diabetes has had an increasingly better opportunity to enter the primary cause statistics.

Deaths from motor-vehicle accidents were first tabulated separately for 1906. The death rate for this cause rose rapidly from 0.4 per 100,000 population in 1906 to 30.8 in 1937 and 30.0 in 1941. With gasoline rationing and other wartime restrictions, the rate dropped to 17.8 in 1943. Although the rate rose again after the removal of wartime restrictions on driving, it has remained below the prewar level.

In contrast to the trend in the death rate for motor-vehicle accidents, the death rate for other accidents has declined since the early 1900's. Almost all of the decline occurred in the period between 1913 and 1932. In 1948, the death rate was 45.0 per 100,000 population as compared with 80.9 in 1913 and 47.7 in 1932.

# Death rates for selected causes of death, by age

The age-specific death rates for all causes are summations of the rates for the individual causes of death. As may be seen from table BM, each cause has its characteristic age distribution, and the probability of dying from a specific cause differs with age. In general, the various causes may be grouped

<sup>33</sup>Woolsey, Theodore D., and Morlyama, Iwao M., "Statistical Studies of Heart Diseases, II. Important Factors in Heart Disease Mortality Trends," Public Health Reports, vol. 63, No. 39, pp. 1247-1273, September 24, 1948.

<sup>34</sup>For a detailed discussion, see Moriyama, Iwao M., "Is Diabetes Mortality Increasing?" Public Health Reports, vol. 63, No. 41, pp. 1334-1339, October 8, 1948.

TABLE BM. - DEATH RATES FOR SELECTED CAUSES, BY AGE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population in each specified group, excluding armed forces overseas. Numbers after causes of death are International List numbers, 1938 revision)

						<u> </u>						
CAUSE OF DEATH	All ages <sup>1</sup>	Under 1 year	1 to 4 years	5 to 14 years	15 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 84 years	85 years and over
ALL CAUSES	988.5	3,498.3	158.7	66.3	142.4	197.7	397.6	904.8	1,935.8	4,403.5	9,633.6	24,709.4
Typhoid and paratyphoid fever	0.2 0.6 0.0 0.8 0.4 30.0 27.7	0.2 7.6 0.2 25.0 1.5 10.0	0.1 2.3 0.1 2.3 2.6 6.9 2.3	0.1 0.5 0.1 0.1 0.7 2.1 1.2	0.1 0.3 0.0 0.0 0.1 17.3 15.8 1.5	0.1 0.1 0.0 0 0.0 28.5 26.6	0.2 0.2 0.0 0.2 0.2 37.1 34.9 2.2	0.1 0.3 0 . 0 0.2 48.0 45.7 2.3	0.2 0.3 0.0 0 0.2 59.2 56.3 2.9	0.4 0.2 0.0 0.0 0.1 74.0 69.9	0.3 0.4 0 0.1 0.1 76.1 72.1	0.4 0.2 0 0.2 0 75.6 70.4
Tuberculests (other forms)	2.3 0.7 0.1 8.0 0.6 1.3	5.9 19.2 0.3 13.5 5.7 2.6	4.5 1.3 0.1 0.1 3.4 2.9	0.1 0.0 0.1 0.9 2.7	0.1 0.0 0.5 0.1 1.8	0.1 0.1 1.8 0.1 1.3	0.1 0.1 6.9 0.0	0.1 0.1 15.6 0.0 0.1	0.3 - 0.2 24.9 0.0 0.1	0.8 0.5 30.9 0.2	1.9 0.7 27.7 0.1	6.7 1.6 27.6 0.7
Cancer and other malignant tumors	134.9 58.2 15.9 13.1 47.6 0.6 26.4 1.7 89.7 322.7 15.9 109.9 196.9	3.5 0.3 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.5 7	5.4 0.5 0.1 0.0 4.9 0.5 0.4 0.0 1.5 2.2 0.4 0.1	3.1 0.1 0.0 2.7 1.3 0.7 0.0 0.0 0.8 3.6 2.3 0.1	5.6 1.0 0.7 0.1 3.9 0.6 1.4 0.0 0.2 1.6 8.5 4.4 1.1	16.8 4.0 3.9 2.0 6.9 0.4 2.5 0.4 0.1 1.0 4.5 20.8 7.6 5.5 7.7	59.8 16.5 14.4 10.4 16.5 0.5 5.4 0.9 0.1 13.4 18.6 85.4 14.6 38.1 32.7 1.3	171.8 60.0 31.2 24.2 56.5 0.4 20.1 2.0 0.3 4.0 67.7 291.8 21.8 141.4 127.5 4.1	378.9 162.2 46.8 35.8 134.1 0.4 76.3 4.0 0.7 3.6 178.8 725.9 31.9 323.5 370.5	734.7 359.6 65.4 57.9 251.9 0.5 161.8 7.6 2.5 3.0 515.3 1,790.8 55.3 632.0 1,103.6 76.8	1,203.6 608.5 81.2 89.4 424.5 1.4 273.0 7.2 6.0 1.6 1,282.0 4,041.5 116.0 995.3 2,930.1 364.0	1,825.6 836.5 106.1 166.8 716.1 3.8 265.0 5.4 13.0 1.6 2,960.8 10,241.5 283.6 1,675.3 8,282.5 1,776.7
Pneumonis (all forms) and influenza	38.7 19.0 12.3 3.5 6.0 6.0 2.9 6.9 11.3 53.0 4.3 53.0 4.6 2.8 0.8 0.8 0.8	399.4 246.3 65.7 58.4 29.0 1.3 195.4 0.8 0.2 3.2 0 0	24.2 13.3 4.9 3.4 2.6 0.1 7.1 1.8 1.6 0.1 2.2 0 0	3.8 1.7 1.1 0.5 0.0 0.5 1.6 0.5 0.1 0.0 0.1 0.0 0.1	4.2 1.5 1.7 0.5 0.2 0.5 1.6 0.8 0.4 0.1 4.4 0.0 5.6 1.7 2.0 0.5	5.6 1.9 2.5 0.6 1.1 0.7 1.4 2.5 0.5 7.3 0.0 7.4 2.3 1.7 2.7	12.4 4.0 6.0 1.3 1.0 3.9 0.9 2.2 3.4 11.2 1.9 18.8 0.0 5.3 1.4 1.4 2.0	25.6 7.6 12.0 2.0 10.1 1.2 3.5 6.9 23.4 5.1 44.9 0.2 0.1 0.0	45.8 17.5 20.8 3.7 3.8 18.1 1.8 6.0 13.9 12.0 97.2 5.8 0 0	116.7 51.1 46.3 9.3 10.0 28.9 3.4 8.6 32.5 23.2 264.4 29.4 0 0	349.6 180.2 110.5 26.0 35.0 35.2 8.9 11.5 68.4 40.5 708.4 90.1 0 0	1,288.1 748.9 292.4 95.5 151.3 55.4 31.4 11.7 150.0 70.4 70.9 1,918.4 216.1
Congenital malformations	13.2 42.1 26.7 15.4 11.2 5.8 67.1 22.1 45.0 19.7 54.7	487.7 1,902.4 1,208.2 694.2 0 4.7 108.3 5.8 102.6 119.0 160.0	12.6  0 0.5 41.2 12.2 29.0 4.2 30.6	2.5 0.2 0.6 24.6 9.8 14.8 0.8 12.0	1.7 4.7 7.0 55.4 31.8 23.7 1.6 15.5	1.3 9.0 10.7 45.2 21.0 24.2 2.7 22.0	1.3  14.7 9.9 48.2 18.9 29.3 5.8 37.1	1.2 20.8 5.8 56.6 20.9 35.7 12.4 60.6	25.5 4.0 77.9 27.8 50.1 21.1	28.8 3.8 150.7 42.4 108.3 56.7	50.8 30.1 418.9 56.7 362.2 189.9	0.2 35.2 3.6 1,575.3 59.4 1,515.9 1,268.8 607.6

in a number of broad categories; infant causes, such as premature birth and congenital malformations; childhood causes, as, for example, whooping cough and measles; causes of the adult years of which tuberculosis is an example; and diseases of the older ages, such as heart disease or cancer.

As a result of the general level of their rates as well as their characteristic age distribution, different causes play a predominant role in the mortality of each age group. In infancy, the leading causes of death in 1948 were premature birth, congenital malformations, and pneumonia and influenza. In childhood, accidents, and pneumonia and influenza are the chief hazards. Among young adults, between 15 and 34 years, motor-vehicle accidents, other accidents, and tuberculosis alternate with one another as the three leading causes of death. At older ages, these are replaced by diseases of the heart, cancer, and intracranial lesions of vascular origin.

## Maternal mortality

Maternal mortality rates by race are given in table BN for the expanding area of the birth-registration States for the

years 1915 to 1948, inclusive. Three main periods may be distinguished in the series of rates for the two race groups combined. In the first period, from 1915 through 1929, excepting the high points recorded for 1918 and 1920, the ma-

TABLE BN. -- MATERNAL MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-48 (Deaths from diseases of pregnancy, childbirth, and the puerperium per 1,000 live births in each specified group)

YEAR	All races	White	Non- white	YEAR .	All races	White	Non- white
					6.6	6.0	11.1
. 1948	1.2	0.9	3.0	1931	6.7	6.1	11-7
1947	1.3	1.1	3.3				
1946	1.6	1.3	3.6	1929	7.0	6.3	12.0
1945	2.1	1.7	4.5	1928	6.9	6.3	12.1
1944	2.3	1.9	5.1	1927	6.5	5.9	11.3
1943	2.5	2.1	5.1	1926	6.6	6.2	10.7
1942	2.6	2.2	5.4	1925	6.5	6.0	11.6
1941	5.2	2.7	6.8	1924	6.6	6.1	118
1940	. 3.8	3.2	7.7	1923	6.7	6.3	10.9
1939	4.0	3.5	7.6	1922	6.6	6.3	10.7
1938	4.4	3.8	8.5	1921	6.8	6.4	10.8
1937	4.9	4.4	8.6	1920	8.0	7.6	12.8
1936	5.7	5.1	9.7	1919	7.4	7.0	12.4
1935	5.8	5.3	9.5	1918	9.2	8.9	13.9
1934	5.9	5.4	9.0	1917	6.6	6.3	11.8
1933	6.2	5.6	9.7	1916	6.2	6.1	11.8
1932	6.3	5.8	9.8	1915	6.1	6.0	30.6

<sup>\*</sup>Refer to International List for complete title, table IX.

Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

ternal mortality rate remained at almost the same level. In the second period, the rate declined at an average annual rate of about 3 percent from 7.0 per 1,000 live births in 1929 to 5.7 in 1936. Since then, the maternal mortality rate has declined more rapidly to 1.2 per 1,000 live births in 1948.

Since 1936, the maternal mortality rate for white women has declined faster than that for nonwhite women, so that there has been a widening of the racial differential in mortality risk associated with childbirth. The maternal mortality rate for the nonwhite races in 1948 was 3.0 per 1,000 live births, a figure more than three times as high as the rate for the white race.

The maternal mortality rates by age for 1948, given in table BO, illustrate the variation in the risk of maternal death with age. The maternal mortality rate is high at the two extremes of the childbearing ages and lowest in the age group 20-24 years.

TABLE BO. -- MATERNAL DEATES AND MATERNAL MORTALITY BATES, BY AGE:
UNITED STATES, 1948

(Deaths from diseases of pregnancy, childbirth, and the puerperium. Rates per 1,000 live births in each specified group)

AGE OF MOTHER	Munber	Rate
TOTAL <sup>1</sup>	4,122	1.2
Inder 15 years	1.8	3.7
15-19 years	435	1.0
20-24 years	834	0.7
25-29 years	869	0.9
30-34 years	944	1.5
55-39 years	772	2.7
10-44 years	316	4.3
45 years and over	33	6.3

<sup>1</sup>Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

#### INFANT MORTALITY STATISTICS

There were 113,169 deaths of infants under 1 year of age registered in the United States in 1948. The corresponding infant mortality rate was 32.0 per 1,000 live births. This is the lowest infant mortality rate that has been recorded for the country in the history of the birth-registration area.

### Infant mortality trend

Table BP gives the infant mortality rates for the expanding area of the birth-registration States for the years 1915 to 1948, inclusive. In 1915, when the birth-registration area was established, the infant mortality rate was 99.9 per 1,000 live births. Since then the rate has declined almost continuously to less than a third of its former value.

Table BP also gives infant mortality rates for the white and Negro races and for the other nonwhite races. The infant mortality rates for both white and Negro infants have declined consistently since 1915 and at approximately the same rate. On the other hand the infant mortality rate for the other nonwhite races followed a very irregular course until 1933. This last group, however, is quite heterogeneous, including American Indians, Chinese, and Japanese. During the expansion period of the birth-registration area, the addition of new States frequently changed the representation of these race groups in the population of the expanding area. These changes may account for the wide swing in the infant mortality rate for the other nonwhite races between 1916 and 1930.

# Adjustment of infant mortality rates

The infant mortality rates given in table BP have been computed by the conventional method in which the infant deaths occurring in a specified period are related to the number of

live births occurring during the same period. Rates computed in this way are influenced by changes in the number of births and will not be comparable if the birth rate is fluctuating widely. The deaths under 1 year of age occurring during any calendar year are deaths not only of infants born during that year but also of infants born during parts of the previous year. Therefore, if the birth rate is declining rapidly, the infant mortality rate will be too high because deaths for some of the births of the last year are related to a lesser number of births this year. Conversely, if the birth rate is increasing, the infant mortality rate will be too low.

TABLE BP. -INFANT MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-48
(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births in each specified group)

	All			NONWHITE	
YEAR	races	White	Total	Negro	Other
1948	32.0	29.9	46.5	45.7	63.
1947	32.2	30.1	48.5	47.7	65.
1946	33.8	31.8	49.5	48.8	65.4
1945	38.3	35.6	57.0	56.2	74.
1944	39.8	36.9	60.3	59.3	80.8
1943	40.4	37.5	62.5	61.5	84.0
1942	40.4	37.3	64.6	64.2	74.
1941	45.3	41.2	74.8	74-1	88.8
1940	47.0	43.2	73.B	72.9	91.0
1939	48.0	44.3	74.2	73-2	97.
1938	51.0	47.1	79.1	77.9	102.4
1937	54.4	50.3	83.2	82.0	108.9
1936	57.1	52.9	87.6	66.1	120.0
1935	55.7	51.9	83.2	61.9	110.
1934	60.1	54.5	94.4	91.0	114.
1933	58.1	52.8	91.3	85.4	127.
1932	57.6	53.3	86.2	84.1	103.
1931	61.6	57.4	93.1	92.7	117.
1930	64.5	60.1	99.9	99.5	141.
1929	67.6	63.2	102.2	101.5	119.
1928	68.7	64.0	106.2	105.9	111.
1927	64.6	60.6	100.1	99.9	103.
1926	73.3	70.0	111.8	112.1	106.
1925	71.7	68.3	110-8	112.0	95.
1924	70.8	66.8	112.9	114.1	95.
1923	77.1	73.5	117.4	119.9	85.
1922	76.2	73.2	110.0	111.7	89.
1921	75.6	72.5	108.5	110.7	78.
1920	85.8	82.1	131.7	135.6	89.
1919	86.6	83.0	130.5	134.3	88.
1918	100.9	97.4	161.2	162.5	126.
1917	93.8	90.5	148.4	148.6	142
1916	101.0	99.0	184.9	184.3	204.
1915	99.9	98.6	181.2	180.6	196.

An approximate correction for this error can be made by allocating the deaths of infants occurring during a given year to the year in which the infants were born and computing the rate in two parts. The deaths of infants born during the given year are related to the number of births for the same year and the deaths of those born during the previous year are related to the births for that year. The two ratios are then added to obtain the annual rate. Table BQ gives the infant mortality rates, adjusted for the changing numbers of births, for the United States from 1934 to 1948. These may be compared with the unadjusted, or conventionally computed rates, shown in table BP. Because of the rising birth rate, the conventional

TABLE BQ. —INFANT MORTALITY RATES ADJUSTED FOR CHANGING NUMBERS OF BIRTHS: UNLITED STATES, 1934-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Adjustment made by allocating infent deaths to year of birth)

YEAR	Adjusted rate	YEAR	Adjusted rate
1948	31.8 32.8 34.6	1940	47.4 48.0 51.4
1945	38.1 39.4 40.7 41.2 45.9	1937	54.7 57.1 55.7

rate for 1947 (32.2 per 1,000 live births) is somewhat low in comparison with the adjusted rate (32.8). On the other hand, as a result of the subsequent decline in the birth rate, the conventional rate for 1948 is somewhat high, 32.0, as compared with the adjusted rate of 31.8. As may be seen, the errors introduced into the annual rates by changes in the numbers of births are comparatively small and are not sufficient to invalidate the use of unadjusted rates for such purposes as describing the long-term trend of infant mortality. But they may be of significance in the interpretation of changes in mortality risk from one year to the next. For example, between 1947 and 1948 there was an apparent decrease of only 0.6 percent in infant mortality, as measured by the conventional rates. If correction is made, however, for the decline in the number of births between 1947 and 1948, the decrease in infant mortality is found to be 3.0 percent or appreciably

Monthly infant mortality rates, computed by conventional methods, are likewise influenced by changes in the number of births. Seasonal changes alone are sufficient to introduce considerable bias into the monthly rates and serious distortion may be caused by a secular change such as the postwar rise in the birth rate. Approximate correction for this error can be made by allocating the infant deaths occurring during a given month to the month in which the infants were born and relating them to the births for that month.

## Infant mortality by month

Table BR gives infant mortality rates by month for the United States for the 9 years 1940 through 1948. The rates are adjusted for the changing numbers of births and length of month.

The seasonal movement in the infant mortality rates for these years is characterized by comparatively high rates in the winter months, and by low rates in the summer months. In 1948, the infant mortality rates swung from a seasonal high of 36.2 per 1,000 live births in January to a low of 28.7 in September, and then rose to 32.7 in December.

TABLE BR. -- INFART MORTALITY RATES BY MONTH: UNLIED STATES, 1940-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births, adjusted for changing numbers of births and length of month)

MONTE	1948	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL <sup>1</sup>	31.8	32.8	34.6	38.1	39.4	40.7	41.2	45.9	47.4
January	36.2 34.8 32.2 31.7 32.7 32.7	36.7 35.1 34.7 32.8 31.3 29.9	38.1	41.3 43.1 39.8 36.9 36.2 36.5	43.7 40.3 41.8 40.9 39.1 39.3	44.0	47.4 47.4 45.3 42.1 40.6 39.9	57.4 52.4 50.3 45.2 43.6 43.3	56.1 52.1 49.5 46.8 45.5
July	29.7 50.2 28.7 31.0 31.1 32.7	29.1 29.9 29.3 29.6 31.4 34.3	32.1 32.7	34.4 37.1 37.2 35.9 36.4 41.1	37.3 37.1 38.1 39.7 37.8 39.4	38.1 37.8 36.2 37.3 39.8 44.3	40.0 37.8 38.3 38.1 38.4 42.2	43.8 42.1 41.7 44.3 44.0 43.2	44.4 41.7 41.7 44.4 49.1 53.1

 $^1\mathrm{Annual}$  rate adjusted by allocation of infant deaths to year of birth. Monthly rates adjusted by the Registrar-General's method.

## Infant mortality rates for geographic areas

Table BS shows infant mortality rates by race for urban and rural areas of the United States in 1948. These figures are by place of residence.

For both race groups, in 1948, the infant mortality rate was somewhat higher for rural areas than for urban. Within the urban population, an inverse association is also apparent between population size of place and infant mortality. For all races, the infant mortality rate ranges from a high of 36.0

per 1,000 live births for the small urban places of 2,500 to 10,000 population to a low of 28.9 for the large cities with populations of 100,000 or more.

TABLE BS.---DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY RACE; URBAN AND RUBAL: UNITED STATES, 1948

(By place of residence. Exclusive of stillbirths. Rates per 1,000 live births in each specified group)

		NUMBER			RATE	
ARBA	All races	White	Nonwhite	All races	White	Nonwhite
UNITED STATES-	113,169	92,034	21,135	32.0	29.9	46.5
Urban Places of:	65,418	53,944	11,474	31.2	29.3	45.6
100,000 or more	28,436	22,183	6,253	28.9	26.6	41.6
25,000 to 100,000	13,393	11,278	2,115	31.4	29.4	4B.9
10,000 to 25,000	9,836	8,474	1,362	32.6	30.9	49.7
2,500 to 10,000	13,753	12,009	1,744	36.0	34.3	56.3
Rural	47,751	38,090	9,661	33.1	30.8	47.6

The infant mortality rates for each State and geographic division in 1948 are given in table BT by place of residence. The infant mortality rates for the individual States ranged from 24.3 per 1,000 live births for Connecticut to 70.1 for New Mexico. The infant mortality rates for a quarter of the States were lower than 27.5; the rates for half the States fell within the range of 27.5 to 37.8, while for the remaining 12 States the rates were higher. Although the rates for the individual States within the several geographic divisions varied considerably, in general, the lower rates were in the New England, Middle Atlantic, North Central, and Pacific Divisions and the higher rates in the Mountain, South Central, and South Atlantic.

The comparability of infant mortality statistics for different areas or population groups is limited by certain sources of error. One important source is incomplete registration of infant deaths. Little quantitative information is available as to the extent of underregistration, but it is known to vary by State and, in general, to be greater in rural than in urban areas, and also greater for the nonwhite than for the white population. Misstatements of usual residence also enter into the statistics owing to a tendency on the part of some rural residents to give the neighboring urban center as the usual place of residence. Such errors probably have little effect on figures for a State, but may seriously affect data classified by population size of place, causing an overstatement of the number of resident deaths for cities, especially the smaller cities, and an understatement for the surrounding rural areas. Since these considerations apply also to natality data, the error is more or less compensated in the infant mortality rate or ratio of infant deaths to live births. It may be assumed, however, that the rate is affected to some extent, since it is unlikely that the relative error would be exactly the same for both infant deaths and live births.

### Infant mortality by age, race, and sex

Table BU gives infant mortality rates by age for the birth-registration States for every fifth year beginning with 1915 and for each year from 1946 through 1948. Since 1915, when the birth-registration area was established, the total infant mortality rate has declined 68 percent. All age groups have shared in this reduction but in differing degrees. Mortality has declined much more rapidly among infants surviving the first few days of life than it has among the newborn. Since 1915, the mortality rates for infants past the first week of life have declined by amounts varying from 73 percent for infants 7 to 13 days of age to 88 percent for infants 9 to 11 months old. In contrast, the mortality rates for infants under 1 week have declined by smaller amounts varying from 29 percent for infants under 1 day to 58 percent for infants in the age

group 3 to 6 days. Consequently deaths in early infancy have come to form an increasing proportion of the total infant mortality. Since 1915, the proportion of infant deaths occurring under 1 week of age has nearly doubled, increasing from 30 to 59 percent.

The distribution of infant mortality by age, race, and sex in 1948 is shown in table BW. The mortality among nonwhite infants is much higher than that among white infants, the relative differences being greater after the first few days of

TABLE BT. — INFANT MORTALITY RATES BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1948

(By place of residence. Exclusive of stillbirths. Deaths under 1 year per 1,000 live births in each specified group)

AREA	All	White	Nonwhite
	races		
UNITED STATES	32.0	29.9	46.5
GEOGRAPHIC DIVISIONS	- 1		
New England	27.1	26.8	41.2
Middle Atlantic	27.6	26.2	43.4
Rast North Central	29.1	28.0 27.2	44.0 53.0
Courth Atlantia	28.1 35.5	31.2	46.2
Pact South Control	38.3	36.0	44.3
West South Central	40.6	38.3	50-2
Mountain	42.3	38.9	116.4
Pacific	28.1	27.6	35.6
NEW ENGLAND			
aine	32.0	31.9	90.9
ermont	29.1	29.1 28.9	0
ermont	26.8	26.5	44.4
hode Island	26.3	26.1	36.1
onnecticut	24.3	23.8	37.8
MIDDLE ATLANTIC			
ev York	27.5	26.0	42.5
lov . Towards	26.5	24.7	45.2
ennsylvania	28.4	27.2	43.7
RAST NORTH CENTRAL			
hio	30.5	29.4	45.4
ndiana	29.8	28.6	52.4 43.1
111n018	27.7	26.1	39.5
ichiganisconsinisconsinisconsin	30.0 26.3	29.2 25.9	55.1
18CONSIT	40.3	23.9	30.1
WEST NORTH CENTRAL		_	
tinnesota	26.9	26.4	80.0 29.4
Masouri	26.6 30.3	26.6	29.4 48.7
Hissouri	29.4	28.6 28.0	90.2
orth Dakota	32.0	29.1	96-5
ebraska	26.8	26.1	57.3
ensas	26.9	26.4	40.1
SOUTH ATLANTIC			
\_]	29.5	25.5	50.6
et a a	28.8	25.7	40.1
12-4-14-4 A A-1-4-4-	25.5	22.7	30.0
	38.5	34.0	51.7
To at 11/1 w/ 1/10	40.2	40.1	42.3
Inuth Paralina	35.3	29.5	47.6 50.2
South Carolina	40-4	32-2 28-4	44.5
Borgia	34.2 35.3	31.3	45.7
RAST SOUTH CENTRAL			
Centucky	39.8	39.2	48.4
labers	37.7 37.8	35.8 32.9	46.4
Alabama	37.9	34.1	41.1
WEST SOUTH CENTRAL			ł
rkansas	28.4	26.7	33.4
oni siang	37.9	28.6	52.3
)k]ahona	34.4	31.6	56.3
Ceras	46.2	45.0	54.1
Mountain			
Kmtana	30.7 29.8	28.4 29.5	71.9 58.0
!vnm:ng	39.5	36.7	145.0
201 nrsdo	58.4	38.1	52.9
New Mexico	70.1	63.2	165.3
krizona	56.4	46.6	134.
Jtah	27.4	26.7	69.
Nevuda	39.8	38.3	61.0
PACIFIC			
Washington	27.5	26.8	
Oregon	25.5	24.9	57.
California	28.6	28.2	33.

life than in the period immediately following birth. The infant mortality rate for all nonwhite infants under 1 year was 46.5 per 1,000 live births as compared with 29.9 for white infants.

The infant mortality among males is also considerably higher than that among females. In 1948, the mortality rate for all males under 1 year was 35.9 per 1,000 live births, while the rate for female infants was 27.9. The sex difference in infant mortality is relatively greater in the first few months of life than in later infancy.

From inspection of the rates by age, it is apparent that mortality among infants is much higher in the first day of life than in any succeeding age group. The mortality of infants under 1 day of age was a third of the total infant mortality in 1948.

However, these rates, computed for unequal age intervals, are better adapted for showing the proportionate distribution of infant mortality by age than the differences in the risk of mortality with age. A more comparable measure of the risk of mortality among infants of various ages is provided by the rates shown in table BY. These rates have been adjusted to an annual basis so that the rate for a particular age group is the number of infants per 1,000 who would die in a year if they were exposed throughout that period to the mortality prevailing in that age group. The rates in excess of 1,000 seen for the two youngest age groups indicate that if the rate of dying in these two groups were to continue, no infants would survive the first 365 days of life.

Table bu.—Infant normality rates by age: birth-registration states for selected years

(Exclusive of stillbirths. Rates per 1,000 live births)

					_,					
AGE	1948	1947	1946	1945	1940	1935	1930	1925	1920	1915
Under l year	32.0	32.2	33.8	39.3	47.0	55.7	64.6	71.7	85.6	99.9
Under 1 day	10.7	10.7	11.4	11.2	13.9	15.0	15.0	15.0	14.8	15.0
1 day	3.4	3.4	3.5	3.3	3.5	3.7	4.2	4.2	4.6	4.9
2 days	2.1	2.1	2.2	2.1	2.2	2.4	2.9	3.2	3.4	3.5
3 to 6 days	2.8	3.0	3.0	3.1	3.6	4.4	5.1	5.8	6.4	6.7
7 to 13 days	1.6	1.7	1.9	2.1	2.4	3.1	3.9	4.4	5.4	6.0
14 to 20 days	0.9	1.0	1.1	1.3	1.6	2.0	2.5	2.9	3.8	4.6
21 to 29 days	0.8	0.9	0.9	1.2	1.4	1.8	2.1	2.3	3.1	3.7
	i									
Under 1 month	22.2	22.8	24.0	24.3	28.8	32.4	35.7		41.5	44.4
l month	2.0	2.0	2.2	2.8	3.5	4.4	5-3	5.8	7.3	9.0
2 months	1.6	1.6	1.6	2.2	2.9	3.5	4.2	4.6	5.7	7.6
3 to 5 months	3.2	3.0	3.0	4.5	5.9	7.1	8.8	10.3	13.1	16.9
6 to β months	1.8	1.7	1.8	2.7	3.6	4.8	6.2	7.4	10.0	12.5
9 to 11 months	1.1	1.0	1.1	1.6	2.4	3.5	4.6	5.8	8.3	9.5

TABLE BW. - INVANT MORTALITY RATES BY DETAILED AGE, RACE, AND SEX: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births in each specified group)

	AL	L RACES	;	'	WHITE		N	ONWHITE	
AGE	Both sexes	Male	Fe- male	Both sexes	Mole	Fe- male	Both gemes	Male	Fe- male
Under 1 year	32.0	35.9	27.9	29.9	33.7	25.9	46.5	51.4	41.
Under 1 day	10.7	12.1	9.1	10.3	11.8	8.8	12.9	14.6	11.
l day		3.9	2.9	3.3	3.8	2,8	3,9	4.3	3.
2 days		2.5	1.7	2.1	2.4	1.7	2.5	2.8	2.
3-6 days		3.2	2.3	2.6	3.0	2.1	4.0	4.5	3.
7-13 days		1.7	1.4	1.4	1.5	1.3	2.7	2.9	2.
14-20 days		1.0	0.8	0.8	0.9	0.7	1.6	1.6	1.
21-29 days	0.8	0.9	0.7	0.7	0.8	0.6	1.4	1.6	1.
Under 1 month	22.2	25.2	19.0	21.2	24.2	18.0	29.1	32.4	25.
l month	2.0	2.2	1.7	1.8	2.0	1.5	3.5	3.8	3.
2 months		1.6		1.4	1.6	1.2	2.9	3.3	2.
3 months	1.3	1.4		1.2	1.2	1.1	2.5	2.8	2.
4 months		1.1	1.0	0.9	1.0	0.9	1.9	2.1	1.
5 months		0.9		0.8	8,0	0.7	1.5	1.7	1.
6 months	0.7	0.8	0.7	0.6	0.7	0.6	1.3	1.5	1.
7 months		0.6	0.5	0.5	0.5	0.5	1.0	1.0	1.
8 months		0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.
9 months		0.5	0.4	0.4	0.4	0.4	0.8	0.8	0.
10 months	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.5	0.
ll months	0.3	0.3	0.3	0.5	0.3	0.5	0.5	0.6	٥.

S5For a discussion of the importance of this adjustment, see Collins, Selwyn D., "Illness Among Infants With Comparative Mortality Data," Public Health Reports, vol. 63, No. 20, pp. 637-662, May 14, 1948.

TABLE BY. — INFANT MORTALITY RATES BY DETAILED AGE, ADJUSTED TO AN ARNUAL BASIS: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births)

, AGE	Rate adjusted to an annual basis	AGB	Rate adjusted to en annual basis
UNDER 1 YEAR	32.0	2 months3	· 19.4
Under 1 day	3,898.3	4 months	12.7
1 day	1,235.7	5 months	10.3
2 days	772.8	6 months	8.8
3 to 6 days	252.6	1	
7 to 13 days	81.3	7 months	6,9
14 to 20 days	48.6	8 months	6.3
21 to 29 days	32.8	9 months	5.3
Under 1 month	270.7.	10 months	4,2
1 month	23.9	11 months	3, 9

# Infant mortality by cause of death

Infant mortality rates for selected causes are presented in table BZ for the years 1935, 1940, and 1945 through 1948. The major features of this table are the predominance of premature birth as a cause of infant deaths, the decline between 1935 and 1948 in the mortality from the infectious diseases, and the relatively small change in the infant mortality rates for congenital malformations and accidents.

The five leading causes of death among infants in 1948 were premature birth; congenital malformations; pneumonia and influenza; injury at birth; and diarrhea, enteritis, and ulceration of the intestines. Together these causes accounted for 76 percent of all infant deaths for the year.

TABLE BZ.—IMPART MORTALITY RATES FOR SELECTED CAUSES: UNITED STATES, 1935,1940, 1945-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

CADEE OF DEATH	1948	1947	1946	1945	1940	1935
ALL CAUSES	32.0	32.2	33.8	38.3	47.0	55.7
Cerebrospinal (meningococcus) meningitis6	0.1	0.1	0.1	0.1	0.1	0.1
Scarlet fever8	0.0	0.0	0.0	0.0	0.0	0.1
Whoming cough9	0.2	D.4	0.3	0.5	0.9	1.4
Diphtheria (infection by C. diphtheriae)10	0.0	0.0	0.0	0.0	0.1	0.1
Tuberculosis (all forms)13-22	0.1	0.1	0.1	0.2	0.2	0.3
Tuberculosis of the respiratory			***		""	""
system, etc.*13	0.0	0.0	0.1	0.1	0.1	0.1
Tuberculosis of the meninges, etc. *14	0.0	0.0	0.0	0.1	0.1	0.1
Tuberculosis (other forms)15-22	0.0	0.0	0.0	0.0	0.0	0.1
Dysentery27	0.2	0.1	0.1	0.3	D.4	0.4
Malaria28	0.0	0.0	0.0	0.0	0.1	a.z
Syphilis30	0.1	0.1	0.2	0.3	0.5	0.7
Macales35	0.1	0.0	0.1	0.0	0.1	0.4
Diseases of the thymus gland64	0.2	0.3	0.3	0.4	0.4	0.5
Meningitis (not due to meningococcus)81	0.2	0.2	0.2	0.2	0.2	0.3
Intracranial lesions of vascular origin83	0.1	0.0	0.0	0.1	0.1	0.1
Convulsions86	0.1	0.1	0.1	0.1	9.0	0.3
Diseases of the ear and mastoid process89	0.0	0.0	0.1	0.1	C.Z	0.3
Diseases of the heart90-95	O.D	0.0	0.0	0.1	0.1	0.2
Framewia (all forms) and influenza107-109,35	3.7	3.6	5.8	5.3	7-4	9.2
Eronchopmeumonia, etc.*107	2.3	2.2	2.3	3.1	4.3	5.5
Lobar pneumonia108	0.6	0.6	0.7	0.9	1.4	1.6
Preumonia (unspecified)109	0.5	0.5	0.5	0.7	0.6	0.5
Influenza33	0.3	0.3	0.4	0.6	1.1	1.5
Other diseases of respiratory						•
system104-106,110-114	0.3	0.3	0.3	-0.4	0.5	0.6
Ulcer of stomach or duodenum117	0.0	0.0	0.0	0.0	0.0	0.0
Diarrhea, enteritis, etc. *	1.8	1.5	1.7	3.0	3.5	4.9
Intestinal obstruction122b	0.1	0.2	0.1	0.2	0.3	0.4
Other diseases of digestive						
system115,116,118,121,123-129	0.1	0.1	0.1	0.2	0.4	0.6
Wephritis150,131 Congenital malformations157	0.0	0.0	0.0	0.0	0.1	0.1
Congenital malformations157	4.5	4.5	4.5	5.0	4.7	4.8
Diseases peculiar to first year of life-158-161	17.4	17.7	18.8	19.6	21.9	23.8
. Congenital debility158	0.5	0.5	0.5	0.8	1.2	1.7
Premature birth159	11.1	11.1	12.1	11.6	23.7	15.4
Injury at birth160	3.4	3.5	3.6	3.6	4.5	4.5
Other diseases peculiar to the first year-161	2.4	5.6	2.5	2.6	2.5	2.2
Asphyria (cause not specified),		اما	اء ،		ا ۽ ۽	٦.
atelectasis16la	1.5	1.6	1.5	1.5	1.3	1.0
Infection of the umbilious, etc.*161b,c	0.9	1.0	1.1			
Homicide165-168	0.0	0.0	0.0	0.1	0.0	0.1
Accidental dauths169-195	1.0	1.0	0.9	1.0	0.5	1.0 0.4
Accidental mechanical suffocation182	0.4	0.4	0.4	0.5	0.5	0.6
Other accidental deaths169-161,163-195 Ill-defined and unknown causes199,200	0.5	0.5	1.3	1.6	2.4	3.4
All other causes	0.6	0.6	0.6	0.8	1.1	1.6
ATT DEREL CHIBOR	0.0	0.0		0.0	1	

The infant mortality rates for these five causes in 1948 are shown in table CA. It will be seen that premature birth, congenital malformations, and injury at birth take their greatest toll in early infancy. Nearly all deaths in 1948 from premature birth, and injury at birth, and two-thirds of the deaths from congenital malformations occurred within the first month of life. On the other hand, deaths from pneumonia and influenza, and from diarrhea and enteritis are more frequent in later infancy, the greater number occurring among infants 1 month of age and over.

TABLE CA.—INFART MORTALITY RATES FOR THE FIVE LEADING CAUSES, BY AGE: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births. Numbers under causes of death are International List numbers, 1938 revision)

AGB	All Causes	Pre- mature birth	Con- genital mal- forma- tions (157)	Pneu- monia and influ- enza (107- 109,33)	Injury at birth (160)	Diarrhea, enteritis, and ulceration of intestines (119)
TOTAL	32.0	11.1	4.5	3.7	3.4	1.8
Under 1 month Under 1 day 1 to 6 days 1 to 3 weeks 1 to 11 months 6 to 11 months	22.2 10.7 8.2 3.3 9.8 6.9 3.0	10.8 6.3 3.7 0.9 0.2 0.2	2.9 1.0 1.2 0.8 1.6 1.1	0.8 0.0 0.3 0.5 2.8 2.0	3.4 1.9 1.4 0.1 0.1 0.0	0.3 0.0 0.0 0.3 1.5 1.0

#### **DEATHS IN INSTITUTIONS**

A total of 48.1 percent of the deaths registered in the United States in 1948 was reported as occurring in hospitals or institutions. In 1937, when annual data of this type first became available, 36.7 percent of all deaths were reported as occurring in institutions. Since then the proportion of deaths occurring in hospitals and institutions has increased steadily (table CB).

The term institution as used here includes all types of hospitals, sanatoria, and nursing and convalescent homes. It also includes resident institutions, such as homes for the aged, schools and colleges, penal establishments, and mental institutions

TABLE CB. --PERCENT OF DEATHS OCCURRING IN INSTITUTIORS: UNITED STATES, 1937-48
(Exclusive of attlibittie)

YEAR	Total	In institution	Not in institution
1948	100.0	46.1	51.9
1947	100.0	47.2	52.8
1946	100.0	46.9	53.1
1945	100.0	46.3	53.7
1944	100.0	45.4	54.6
1943	100.0	44.1	55.9
1942	100.0	42.5	57.7
1941	100.0	40.B	59.2
1940	100.0	39.0	61.0
1939	100.0	37.7	62.3
1938	100.0	37.0	63.0
1957	100.0	36.7	63.3

NOTE. -- Data for 1940-48 exclude deaths among armed forces overseas

Table CC shows the number of deaths in 1948 occurring in institutions according to type of service of the institution. For the most part, deaths classified as occurring in institutions take place in general hospitals. Of the total number of deaths in 1948, 38,2 percent occurred in general hospitals, 2.9 percent in other nonresident hospitals and institutions, 3.2 percent in mental institutions, and 2.5 percent in other resident institutions. (The remaining 51.9 percent occurred outside a hospital or institution.) In a small percentage of the cases, the type of service of the institution in which death occurred was not stated,

TABLE CC.—NUMBER AND PERCENTAGE DISTRIBUTION OF DEATHS IN INSTITUTIONS, BY TYPE OF SERVICE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

deaths	of total deaths
1,444,337	100.0
749,995	51.9
694,342	48.]
593,411 551,624 2,246 3,759 14,063 8,446	41.1 38.2 0.2 0.3 1.0
	0.1 0.1
82,518	5.7
36,012	2.1
	749,995 694,342 593,411 551,624 2,246 3,759 14,063 8,446 12,255 618 62,516 46,506

Table CD shows for each State, the proportion of the deaths among its residents which occurred in hospitals or institutions in 1948. The proportion ranged from 30.2 percent for residents of Mississippi to 60.3 percent for residents of Washington

TABLE CD.—PERCENT OF DEATES OCCURRING IN INSTITUTIONS: UNITED STATES AND RACH STATE, 1948

(By place of residence. Exclusive of stillbirths and of deaths among armod forces overseas)

AREA	Total	In institu- tion	Not in institu- tion
UNITED STATES	100.0	48.1	51.9
Alabema	100,0	31.4	68.8
Arizona	100.0	55.5	44.5
Arkenses	100.0	34.1	65.9
California	100.0	57.5	42.5
Colorado	100.0	57.8	42.2
Connecticut	100.0	53.3	46.7
Delawere	100.0	48.4	51.6
District of Columbia	100.0	80.9	39.
Florida	100.0	47.0	53.0
Georgie	100.0	35.7	64.3
Illinois	100.0	51.6	48.4
Indiana	100.0	53.7	46.5
Toya	100.0	42.7	57.3
TONB	1,00.0	49.5	50.5
Kansas	1.00.0	47.B	52.2
Kentucky	1.00.0	34.1	65.9
Louisiana	100.0	42.2	57.8
Maine	100.0	43.0	57.0
Meryland	100.0	43.3	56.7
Massachusetts	100.0	51.6	48,4
Michigan	100.0	51.5	48.5
Minnesota	100.0	55.9	44.1
Mississippi	100.0	30.2	69.5
Missour 1	100.0	46.6	53.4
Mentena	100.0	58.9	41.1
Nevada	100.0	49.1	50.9
New Hampshire	100.0	59.7 52.9	40.3 47.1
New Jersey	100.0	50,2	49.6
Nev Mexico	100.0	44.6	55.4
New York	100.0	55.7	44.3
North Carolina	100.0	38.3	61.7
North Dakota	100.0	56.9	43.1
Obio	100.0	46.4	53.6
Oklahoma	100.0	42.8	57.2
Oregon	100.0	54.6	45.4
Fennsylvania	100.0	47.1	52.9
Rhode Island	100.0	47.3	52.7
South Carolina	100.0	34.7	65.3
South Dakota	100.0	53.2	46.8
Tennessee	100.0	36.2	63.6
Terse	100.0	40.1	59.9
Otah	100.0	48.2	51.6
Vermont	100.0	46.7	53.3
Virginia	100.0	39.6	60.4
Vashington	100.0	60.3	39.7
West Virginie	100.0	37.6	62.4
Viscone in	100.0	53.4	46.6
Vycming	100.0	60.2	39.6

and 60.9 for the District of Columbia. In general, the proportion was low for residents of Southern States and comparatively high for those of the Mountain and Pacific States.

#### LIFE TABLES

The rates of mortality during a specific period may be summarized by the life table method to obtain measures of comparative longevity. The basis of these measures is a closed cohort for each of the population groups under examination which is assumed to be subject throughout life to the mortality rates of that period. For example, table CE presents life tables separately for whites and nonwhites by sex, each of the four tables showing the progress of a cohort starting with 100,000 live births and subject throughout life to the mortality rates of the year 1948.

The most usual measure of the comparative longevity of different populations is the average duration of life, also called the expectation of life at birth. This is the average number of years lived by the members of the life table cohort. In table CE, the average duration of life appears, in each case, opposite age 0 in the column which gives the average remaining lifetime. These values indicate that females, on the average, live longer than males, and white persons longer than non-whites.

There is, however, some objection to the use of the average duration of life as a standard of comparison because the method of calculating it gives great weight to the relatively large number of deaths occurring in the first year of life. This influence may be entirely eliminated by considering instead the average lifetime remaining to those members of the cohort surviving to age 1, or, in other words, the expectation of life at age 1. As a result of this change the differences between these various groups are somewhat reduced; however, white females still live, on the average, 5.5 years longer than white males, and 8.5 years longer than nonwhite females, while white males live 7.4 years longer than nonwhite males.

Another possible standard for comparing the longevity of different populations is provided by the median length of life, or "probable lifetime," which is the age at which half of the original members of the cohort have died. When the life table cohort starts with 100,000 births, this would be the age at which there are just 50,000 survivors. In other words, it is the age to which an infant born alive has just an even chance of surviving. In computing this median length of life the deaths in the age group in which the median age lies are assumed to be evenly distributed. Thus, from table CE the median length of life on the basis of 1948 mortality rates for white males is determined to be 70.1 years, for white females 75.8 years, for nonwhite males 61.4 years, and for nonwhite females 65.5 years. It is evident that the median length of life is longer than the average duration of life for all groups.

Still another measure of comparative longevity is the number of persons surviving to stated ages in a cohort of, say, 100,000 live births. For example, it is of some interest to examine the proportion of survivors to ages 20 and 65, since these ages may be taken as representing, respectively, the attainment of manhood or womanhood, and the retirement age prescribed by the Social Security Act. At age 20 the ratio of nonwhite male to white male survivors in the 1948 life tables is 97 percent, while at age 65 the ratio is 69 percent. This marked difference indicates the cumulative effect of higher mortality among nonwhite males in the intervening years. For white and nonwhite females the corresponding ratios are 97 percent and 68 percent.

Life tables have been prepared at 10-year intervals for the United States since 1900. Each of these is based on a census of population and deaths in the 3-year period containing the census year. Selected values from these tables are shown in

table CF together with corresponding figures from life tables for the single years 1945, 1947, and 1948. In using these values it must be remembered that since the area covered at each period was limited by the size of the death-registration area these values are not strictly comparable. This cause of variation could at most account for only a small part of the spectacular improvement which is shown in a comparison of the values for white persons; however, since there is thought to be a more serious question of comparability with regard to nonwhites, no values have been shown for this group for periods prior to the completion of the death-registration area in the United States.

In the 48 years between 1900 and 1948, the average duration of life has increased by 17.3 years for white males and 19.9 years for white females, while the proportion reaching age 65 has increased by 59 percent for white males and 73 percent for white females. The improvement in the average remaining lifetime becomes progressively less at older ages, but the recent values even at relatively old ages are substantially higher than in the earliest period. In addition, it is evident that the relative increase over this period has been

greater for white females than white males at the older ages. Over the relatively short period from 1930 to 1948 the improvement of about 11 years in the average duration of life for nonwhite males and about 13 years for nonwhite females is striking.

## Explanation of the columns of the life table

Column 1—Age interval (x to x-n).—The age interval, shown in column 1, is the interval between the two exact ages indicated. For instance, "20-25" means the 5-year interval between the twentieth birthday and the twenty-fifth.

Column 2—Proportion dying  $(nq_x)$ —This column shows the proportion dying during the indicated age interval among those alive on the birthday which marks the beginning of the interval. For example, the proportion dying in the age interval 20-25 for white males is 0.0092. In other words, if the age-specific mortality rates prevailing in 1948 should continue in effect over a 5-year period, then, out of every 1,000 white males alive and exactly 20 years old at the beginning of the period, 9.2 would die before reaching their

TABLE CE .-- ABRIDGED LIFE TABLES FOR FOUR RACE-SEX GROUPS IN THE UNITED STATES: 1948

age interval	PROPOR- TION DYING	OF 100,0			TONARY ILATION	AVERAGE REMAINING LIFETIME	AGE INTERVAL	PROPOR- TION DYING	OF 100,0			YEAHOT	AVERAGE REMAINING LIFETIME
Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subse- quent age intervals	Average number of years of life remaining at beginning of age interval	Period of life between two exact ages stated in years	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average - number of years of life remaining at beginning of age interval
(1)	(z)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to x+n	n <sup>q</sup> x	l <sub>x</sub>	n <sup>d</sup> x	nL <sub>x</sub>	. T <sub>X</sub>	ěx	x to x+n	п <sup>q</sup> х	l <sub>x</sub>	n <sup>d</sup> x ⋅	nLx	T <sub>X</sub>	ē <sub>x</sub>
WHITE MALES							NONWHITE MALES						
0-1 1-5 5-10 10-15 15-20	0.0334 .0064 .0038 .0038 .0068	100,000 96,660 96,041 95,676 95,312	3,340 619 365 364 648	97,062 384,824 479,197 477,527 475,073	6,549,427 6,452,365 6,067,541 5,588,344 5,110,817	65.6 66.8 63.2 58.4 53.6	0-1	0.0521 .0106 ,0044 .0050 .0126	100,000 94,790 93,785 93,372 92,905	- 5,210 1,005 413 467 1,078	465,711		58.1 60.2 56.9 52.1 47.4
20-25	.0091 .0112	94,664 93,793 92,939 91,698 90,418	871, 854 1,041, 1,480 2,297	471,199 466,886 462,222 456,027 446,740	4,635,744 4,164,545 3,697,659 3,235,437 2,779,410	49.0 44.4 39.8 35.2 30.7	20-25 25-30 30-35	.0190 .0240 .0285 .0427 .0593	91,827 90,082 87,920 85,414 81,767	1,745 2,162 2,506 3,647 4,849	445,112 433,439 418,103	3,939,369 3,484,360 3,039,248 2,605,809 2,187,706	42.9 38.7 34.6 30.5 26.8
45-50 50-55 55-60 60-65 65-70	.0392 .0633 .0909 1331 .1968	88,121 84,667 79,308 72,099 62,503	3,454 5,359 7,209 9,596 12,301	432,540 410,708 379,411 337,407 282,642	2,332,670 1,900,130 1,489,422 1,110,011 772,604	28.5 22.4 18.8 15.4 12.4	45-50	.0816 .1201 .1511 .1843 .2476	76,918 70,641 62,157 52,765 43,040	6,277 8,484 9,392 9,725 10,657	369,237 332,274 287,454 239,503 188,497	1,421,534	23.8 20.1 17.5 15.2 13.1
70-75 75-80 80-85 85 and over	.2730 .3728 .5006 1.0000	50,202 36,497 22,891 11,432	13,705 13,606 11,459 11,432	217,328 147,947 83,875 40,812	489,962 272,634 124,687 40,812	9.8 7.5 5.4 3.6	70-75	.2923 .3331 .3354 1.0000	32,383 22,917 15,283 10,157	9,466 7,634 5,126 10,157	138,178 95,374 63,162 77,092	373,806 235,628 140,254 77,092	11.5 10.3 9.2 7.6
WHITE FEMALES							Konvalite Yemales						
0-1	0.0257 .0053 .0026 .0023 .0036	100,000 97,430 96,914 96,662 96,440	2,570 516 252 222 347	97,833 398,163 483,843 492,794 481,429	7,103,723 7,005,890 6,617,727 6,133,884 5,651,090	71.0 71.9 68.3 63.5 58.6	0-1 1-5	0.0420 .0036 .0039 .0045 .0103	100,000 95,800 94,880 94,510 94,085	4,200 920 370 425 969	96,639 380,273 473,267 471,506 468,246	6,153,128 5,772,855 5,299,588	62.5 64.2 60.8 56.1 51.3
20-25	.0046 .0055 .0072 .0108 .0156	96,093 95,651 95,125 94,440 93,420	442 526 685 1,020 1,457	479,437 477,016 474,007 469,800 463,717	5,169,661 4,690,224 4,213,208 3,739,201 3,269,401	53.8 49.0 44.3 39.6 35.0	20-25	.0162 .0192 .0250 .0357 .0467	93,116 91,608 89,849 87,782 84,648	1,508 1,759 2,067 3,134 3,953	461,958 453,697 444,184 431,230 413,556	3,897,878 3,444,181 2,999,997	46.8 42.5 38.3 34.2 30.3
45-50	.0227 .0349 .0517 .0799 .1311	91,963 89,875 86,738 82,254 75,682	2,088 3,137 4,484 6,572 9,922	454,977 442,080 423,274 395,914 355,048		50.5 26.2 22.0 18.1 14.4	45-50 50-55	.0659 .0905 .1131 .1586 .2246	80,695 75,377 68,555 60,801 51,158	5,318 6,822 7,754 9,643 11,490	390,492 360,147 323,610 279,720 227,001	1,764,719 1,404,572	26.7 23.4 20.5 17.8 15.7
70-75 75-80 80-85 85 and over	.2028 .3007 .4527 1.0000	65,760 52,424 36,660 20,064	13,336 15,764 16,596 20,064	296,937 223,022 139,995 74,437	734,390. 437,454 214,432 74,437	11.2 8.3 5.8 3.7	70-75 75-80	.2366 .2554 .2701 1.0000	39,668 30,283 22,549 16,459	9,385 7,734 6,090 16,459	174,822 131,974 97,224 170,021	574,041 399,219 267,245 170,021	14.5 13.2 11.9 10.3

twenty-fifth birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3-Number living  $(l_x)$ -This column shows the number of persons who would survive to the exact age marking the beginning of each age interval out of a cohort of 100,000 live births, among whom the proportions dying in each age interval throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,660 will complete the first year of life and enter the second; 96,041

will begin the sixth year; 94,664 will reach age 20; and 11,432 will live to age 85.

Column 4—Number dying  $(nd_x)$ —This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 white males born alive 3,340 die in the first year of life, 619 in the succeeding 4 years, 871 in the 5-year period between exact ages 20 and 25, and 11,432 die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6-Stationary population ( $_{t}L_{x}$  and  $T_{x}$ ). - Suppose that a

TABLE OF.—LIPE TABLE VALUES FOR SELECTED SPECIFIC AGES BY RACE AND SEX AT 5-YEAR INTERVALS 1900-1941, 1945, 1947, AND 1948 FOR THE UNITED STATES DEATH-REGISTRATION STATES

1986   1987   1986   1987   1986   1987   1986   1987	WHITE MALE	100,000 96,660 96,041 95,676 95,312 94,664 93,793 92,939 91,893 90,418 86,121 84,667	1947 (U.S.) 100,000 96,550 95,932 95,559 95,185 94,509 93,611 92,694 91,609	1945 (U.S.) 100,000 96,020 95,281 94,805 94,321 93,595	1939-41 (U.S.) 100,000 95,188 94,150 93,601	1929-31 <sup>1</sup> (U.S.) 100,000 93,768 91,738	1919-21 (D.R.S. of 1920)	1909-11 (D.R.S. of 1900)	1902 (D.R.S						1919-21 (B.H.S. of 1920)	1909-11 (D.R.S. of 1900)	1900- 1902 (D.H.S.
Decomposition   Column   Col		96,660 96,041 95,676 95,312 94,664 93,793 92,939 91,898 90,418 86,121 84,667	96,550 95,932 95,558 95,185 94,509 93,611 92,694 91,609	96,020 95,281 94,805 94,321 93,595	95,188 94,150 93,601	93,768 91,738	91,975	100 000									of 1900)
1		96,660 96,041 95,676 95,312 94,664 93,793 92,939 91,898 90,418 86,121 84,667	96,550 95,932 95,558 95,185 94,509 93,611 92,694 91,609	96,020 95,281 94,805 94,321 93,595	95,188 94,150 93,601	93,768 91,738	91,975	100 000									
98,680 98,580 99,500 99,000 95,188 97,768 97,767 60,655 66.5 66.1 67.2 67.9 62.04 50.5 10 99,000 99,		96,660 96,041 95,676 95,312 94,664 93,793 92,939 91,898 90,418 86,121 84,667	96,550 95,932 95,558 95,185 94,509 93,611 92,694 91,609	96,020 95,281 94,805 94,321 93,595	95,188 94,150 93,601	93,768 91,738	91,975		200 000	&E E	65.9	64.4	62 01	50 12	56.34	50.23	48.23
10.0		96,041 95,676 95,312 94,664 93,793 92,939 91,898 90,418 86,121 84,667	95,932 95,558 95,185 94,509 93,611 92,694 91,609	95,281 94,805 94,321 93,595	94,150 93,601	91,738									60.24	56,26	54.61
10-   95,675   95,598   94,802   93,601   90,901   87,502   61,512   79,109   58.4   58.1   57.9   57.03   54.86   54.8		95,676 95,312 94,664 93,793 92,939 91,898 90,418 86,121 84,667	95,558 95,185 94,509 93,611 92,694 91,609	94,805 94,321 93,595	93,601		88,842								58.31	55.37	54.43
20- 94,656 94,509 97,509 97,507 97,216 97,220 80,904 94,997 97,116 76,376 49.0 40.7 46.6 47.76 46.02 43.75 30.0 92,939 92,934 91,760 90,932 65,707 80,880 74,510 71,219 53.6 39.6 39.5 36.80 37.54 37.		94,664 93,793 92,939 91,898 90,418 86,121 84,667	94,509 93,611 92,694 91,609	93,595	93.089			81,519							54.15	51.32	50.59
\$\frac{25}{50}\$\bigsims_{9,8}\$\frac{35}{50}\$\bigsims_{9,8}\$\frac{35}{50}\$\bigsims_{9,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{2,8}\$\bigsims_{1,760}\$\bigsims_{9,0}\$\bigsims_{1,760}		93,793 92,939 91,898 90,418 68,121 84,667	93,611 92,694 91,609				86,546								49.74	46.91	46.25
		92,939 91,898 90,418 86,121 84,667	92,694 91,609												45.60 41.60	42.71 38.79	42.19 38.52
Signature   Sign		91,898 90,418 86,121 84,667	91,609				80.888								37.65	34.87	34.88
40		90,418 88,121 84,667					78,441								33.74	31.08	51.29
Second Research   Second Res		84,667		88,900	86,880	81,457	75,733	68,848	64,954						29.86	27.45	27.74
55- 79,308 76,785 77,488 75,186 89,901 64,574 55,684 43,967 46,52 15.4 15.3 15.4 15.05 14.72 18.60- 72,098 71,477 70,228 67,767 61,935 58,486 43,967 46,482 15.4 15.3 15.4 15.05 14.72 18.60- 82,503 61,726 60,580 59,595 82,964 50,663 40,862 39,245 12.4 12.3 12.4 12.07 11.77 12.70- 70.5 16.70- 70															26.00	23.86	24.21
65.															22.22 18.59	20.39 17.05	20.76
65   62,500   61,786   60,580   50,500   52,964   50,663   40,662   39,245   12.4   12.5   12.4   12.5   12.4   12.5   12.4   12.7   11.77   17.00   75.   36,497   35,881   35,508   35,404   29,471   29,206   21,585   21,387   7.5   7.4   7.6   7.17   7.02   7   7.17   7.02   7   7.18   7															15.25	13.98	14.35
To   So   202   49,512   46,688   46,739   41,860   40,873   33,527   30,640   9.8   9.7   9.9   9.42   9.20   9.8															12.21	11.25	11.51
WHITE FINALE		50,202	49,512	48,688	46,739	41,880		31,527							9.51	8.83	9.03
100,000   100,000   100,000   100,000   100,000   100,000   100,000   100,000   100,000   171,0   70.5   69.5   67.29   62.67   58   58   59.91   59		36,497	35,881	35,508	33,404	29,471	29,205	21,585	21,387	7.5	7.4	7.6	7.17	7.02	7.30	6.75	6.B4
17,430   97,550   96,201   96,201   95,037   95,037   93,068   89,774   86,939   71.9   71.5   70.8   68.93   64.93   61.00   68.93   68,914   96,924   96,924   98,939   98,924   86,934   86,426   68.3   67.8   67.2   65.75   62.17   59.00   96,668   96,573   95,955   95,955   94,800   93,946   88,754   83,979   80,725   63.5   63.0   62.4   60.85   77.65   55.0   95,605   95,965   95,	HITE FEMALE																
1		100 000	100 000	100.000	100 000	200 000	100.000	100.000	100.000	71.0	70.8	69.5	67.29	62-67	58.53	53.62	51.08
Second Research   Second Res									88,939						61.51	58.69	56.39
15		96,914	96,834	96,270	95,309	93,216	90,721	85,349	83,426						59.43	57.67	56.03
25. 95,681 95,476 94,615 95,282 89,524 86,751 79,865 76,588 49.0 48.6 48.2 44.25 44.25 30 95,125 94,864 93,924 82,320 87,912 82,740 77,676 73,887 44.3 43.9 43.5 42.21 38.99 38 38.5 94,440 94,115 93,022 91,211 86,249 80,206 75,200 70,971 39.6 39.5 38.9 37.70 35.73 34 40 93,420 91,785 89,305 84,265 77,624 72,425 67,935 35.0 34.7 34.4 33.25 31.52 30.0 89,675 91,565 91,565 91,566 81,520 74,521 67,523 61,053 56,509 22.0 21.6 21.7 20.73 19.60 15 5 98,278 81,484 99,318 44,685 37,024 32,777 26,569 25,362 81.2 11.0 11.0 11.2 10.50 9.99 97 75 95,242 451,142 49,318 44,685 37,024 32,777 26,569 25,362 81.3 81.9 1,000 100,00						92,466									55.17	53.57	52.15
25						91,894									50.67 46.46	49.12 44.88	47.79 43.77
So							85,163								42.55	40.88	40.05
45						87,972	82,740	77,676	75,887						38.72	36.96	36.42
45   91,965   92,525   90,151   87,920   81,780   74,871   89,341   64,677   30.5   30.2   30.0   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   27.59   28.50   28.90   28.50   28.90   27.59   28.50   28.90   28.50   28.90   28.50   28.90   28.50   28.90   28.50   28.9								75,200							34.86	33.09	32.82
Solution							77,624		67,935						30.94 26.98	29.26 25.45	29.17 25.51
S5				87.744					61.005						23.12	21.74	21.89
60								61,053							19.40	18.18	18.43
75		82,254	81,464	79,566	76,200	69,462	61,704	54,900	50,752						15.93	14.92	15.23
The image	~														12.75 9.94	9.38	12.23 9.59
0			51,142		44,685			26,569							7.62	7.20	7.33
1	NWHITE MALE												:				
1	·	100,000	100,000	100,000	1,00,000	100,000				58.1	57.9	56.1	52.33	47.55			
10		94,790	94,550	93,670	91,696	91,268											
15																	
20																	
25				90.040		85,621											
55				B7,870		79,516								32.67			
40																<b>-</b>	
45						70,049											
50						58.432											
55						51,748				20.1	20.5	19.9	19.18	17.92			
65		62,157	61,813	59,175	52,867	44,436											
70 32,383 33,282 32,175 27,688 21,741 11.5 11.6 10.2 10.06 8.78																	
		22,917															
NOINWHITE FRANCE	WHITE FEMALE								}				!				
D					100,000												
1		95,600			93,318												
15 94,085 93,765 92,807 90,363 88,088 51.3 50.9 49.1 46.22 40.87														40.87			
20 93,116 92,713 91,573 88,505 85,078 46.8 46.4 44.7 42.14 37.22		93,116	92,713	91,573	88,505	85,078				46.8	46.4	44.7	42.14	37.22			
						81,067											
						72,192											
40 94,648 83,508 81,290 75,908 67,271 30.3 30.3 28.9 27.31 24.30						67,271											
45   80,695   79,742   77,209   71,061   61,365       26.7   26.6   25.3   24.00   21.39		60,695	79,742	77,209	71,061	61,365				26.7	26.6	25.3	24.00	21.39			
						54,920					23.4						
65 51.158 49.790 47.824 40.718 30.852 15.7 15.9 14.1 13.95 12.24								t	ŀ								
70 33,668 33,155 36,336 32,579 23,341 14.5 14.5 12.0 11.81 10.38									l						ı		
75		39,668							l .					10.30	1		

<sup>&</sup>lt;sup>1</sup>Figures for nombite for 1929-31 cover only Negroes. However, Negroes comprised 95 percent of the nombite population in 1930.

group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each age interval throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population -- stationary because in such a population the number of persons living in any given age group would never change. When an individual left the group, either by death or by growing older and entering the next higher age group, his place would immediately be taken by someone entering from the next lower age group. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday which marks the beginning of the age interval indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the age interval 20-25 is 471,199. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 471,199 persons between exact ages 20 and 25.

Column 6 shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,635,744 persons who have passed their twentieth birthday. The population at all ages 0 and above (in other words, the total population of the stationary community) would be 6,549,427. Column 7 - Average remaining lifetime ( ex) - The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 471,199 for white males in the age interval 20-25 is the total number of years lived between the twentieth and twenty-fifth birthdays by the 94,664 (column 3) who reach the twentieth birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,635,744) is the total number of years lived after attaining age 20 by the 94,664 reaching that age. This number of years divided by the number of persons (4,635,744 divided by 94,664) gives 49.0 years as the average remaining lifetime of white males at age 20.

Care must be exercised in drawing conclusions from the figures in column 7. Thus, observing that the average lifetime of white persons is greater than that of nonwhites, one should not conclude that the oldest ages reached by white persons necessarily exceed those attained by the most long-lived nonwhites. The difference in the average length of life is due to the fact that a greater proportion of nonwhites die before reaching old age. For example, the number surviving to age 65 out of 100,000 born alive is far greater among whites than among nonwhites; yet the average length of life remaining at age 65 is about the same for both groups.

#### **MARRIAGE STATISTICS**

There were 1,811,155 marriages in the United States in 1948, representing a crude marriage rate of 12.4 per 1,000 estimated midyear population excluding the armed forces overseas. This total was 9.1 percent below the figure for 1947 of 1,991,878 marriages. The corresponding decrease in the crude marriage rate was 10.8 percent.

It should be noted that marriage totals for the United States for 1947 and for 1948 include marriage license data for 19 States. <sup>36</sup> For these States, figures on marriages were not available and the number of marriage licenses represented the nearest approximation to the number of marriages. <sup>37</sup>

### Marriages by State in 1948

Table CG shows the number of marriages and crude marriage rates by geographic division and by State for 1947 and for 1948. The data are tabulated by place of occurrence, since statistics on residence of brides and grooms are not available. The population base used in computing the crude marriage rates is the total estimated midyear population present in a given area for each year. These crude rates are useful in tracing general trends and in comparing marriage rates with other crude vital statistics rates. Specific or adjusted marriage rates are not presently feasible, primarily owing to lack of detailed statistics on marriages for the Nation as a whole.

There was a wide range in rates by geographic division for 1948, as well as for 1947. The crude marriage rate for 1948 in the Mountain Division (28.6) was three times that in the contiguous Pacific Division (9.4). In the remaining areas, rates were somewhat higher in the Southern than in the Northern Divisions, although the differential for these areas was not excessive.

As might be expected, the range of variation was considerably broader by State than by geographic division. In Nevada a marriage license rate of 319.3 was recorded for 1948, while in Tennessee the marriage rate was 4.8 in the same year. This striking contrast represents the extreme limits of the whole compass of marriage rates by State. Differences for some of the remaining States were less dramatic but nevertheless substantial. The second highest rate for 1948, 35.3 marriage licenses per 1,000 population in Arizona, was about five times the second lowest rate, 7.2 marriages per 1,000 population in Alabama. For 1948, there were 9 States with rates exceeding 20.0 per 1,000 population and 13 States with rates below 10.0 per 1,000 population.

It is probable that allocation of marriages to the resident State of the bride and groom would tend to minimize the great divergence in marriage rates by State. Such data, however, presuppose the complete registration and tabulation of marriages in a central office in each State. Up to this time, onefourth of the States do not require that marriages be reported to a State office and several States maintaining central files

See National Office of Vital Statistics, "Quarterly Marriage Report" and "Monthly Vital Statistics Bulletin," for data on number of marriage licenses by State; and "Monthly Marriage Report" for marriage licenses by major city areas.

<sup>&</sup>lt;sup>37</sup>For a discussion of source of data, see p. V. For a comparison of marriages with marriage licenses, see "Provisional Marriage and Divorce Statistics, United States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 31, No. 16, 1949.

 $<sup>^{38}</sup>$ For a discussion of "Population bases," see p. X.

SS For available detailed statistics for a group of States, see "Marriage Statistics, Specified States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 35, No. 9, 1950.

on marriages do not code or tabulate for State of residence, The problem is further complicated by the additional factor that two States of residence may be represented in one marriage—one for the bride and another for the groom.

Although decreases in crude marriage rates for 1948 from comparable rates for 1947 were experienced throughout the United States (only 1 State recorded a slightly higher rate in 1948), decreases in 4 States were substantially in excess of those prevailing generally. Each of the 4 States (Alabama, Delaware, Kansas, Montana) had passed a new or amendatory premarital law in the latter part of 1947 or in 1948. Furthermore, it was noted that most of the States with comparatively small decreases in marriages in 1948 were situated in the immediate vicinity of the 4 States with the newly enacted premarital legislation.

The evidence, though far from complete, seems to indicate

TABLE CO. - MARRIAGES AND DIVORCES, AND CRUDE RATES: UNITED STATES, EACH DIVISION AND STATE, 1947 AND 1948

(By place of occurrence. Rates per 1,000 estimated total midgear population present in area)

	1	MARRIAGES				DIVORCES		
area	Hum	ber	Rat	e	Mumi	ber	Re	te
	1946	1947	1948	1947	1948	1947	1948	1947
UNITED STATES	1,811,155	1,991,678	12.4	15.9	<sup>2</sup> 408,000	<sup>2</sup> 483,000	<sup>2</sup> 2.8	<sup>2</sup> 3.4
GEOGRAPHIC DIVISIONS:								
New England	98,876 306,304	108,194 329,551	10.8 10.4	11.8	15,357	20,010	1.7	8.8
Rast North Central	353,149	367,653	11.2	12.6				
West North Central	152,243	175,643	11.0	12.8	32,661	41,929	2.4	3.1
South Atlantic	290,585 154,119	310,202 188,604	14.8 15.9	16.1 17.5				
West South Central	206,024	221,542	14.5	16.0				
MountainPacific	134,233 135,622	143,290 146,999	28.6 9.4	32.6 10.7	56,852	68,863	3.9	5.0
NEW ENGLAND:								
Maine	10,293	11,152	11.5	12.6	2,260	2,929	2.5	3.3
New HampshireVermontVermont	6,427	9,268	16.1	17.4	1,260	1,437 749	2.4	2.7 2.0
Massachusetts	3,669 45,940	4,340 49,803	10.7	11.9	520 7,653	10,084	1.4 1.7	2.0
Rhode Island	8,716	9,337	11.7	12.5	817	1,540	1.1	2.1
Connecticut	21,611	24,294	10.9	12.5	2,847	3,271	1.4	1.7
MIDDLE ATLANTIC: New York	156,024	165,431	11.0	11.7				
New Jersey	51,913	55,802	10.9	12.1	6,931	9,074	1.5	2.0
Pennsylvania	98,367	108,318	9.4	10.5	13,857	16,285	1.3	1.5
EAST NORTH CENTRAL:	300 340	07. 770	3,00	,,,	<sup>2</sup> 25,800	20 207	2 <sub>3.3</sub>	3.8
Ohio	<sup>3</sup> 83,146 <sup>3</sup> 54,387	93,779 956,537	310.6 313.9	12.2 215.3	-25,800	29,263		3.6
Illinois	3101,051	3108,461	312.1	312.9				<b>-</b>
Michigan	61,986 32,579	71,319 35,557	10.0	11.8 11.0	16,017 5,075	21, <b>38</b> 6 6,075	2.6 1.5	3.5 1.9
WEST NORTH CENTRAL:	02,5.0	30,00.	3.0	22.4	-,	-,		
Minnesota	<sup>9</sup> 33,085	<sup>3</sup> 35,991	311.3	312.5	4,678	5,705	1.6	2.0
IowaMissouri	28,585 942,534	30,002 343,613	10.9 310.9	311.5 311.2	5,609 212,200	6,745 217,300	2.1 23.1	2.6 24.4
North Dekote	5,488	5,559	9.4	10.5	692	835	1.2	1.5
South Dakota	7,330	7,905	12.0	13.7	1,030	1,240	1.7	2.1
Nebraska	14,938 20,283	14,726 37,847	11.6 10.7	11.5 19.7	2,752 25,700	3,306 <sup>2</sup> 6,800	2.1 23.0	2.6 <del>2</del> 3.5
SOUTH ATLANTIC:						•		
Telauare	2,662	5,161	8.9	17.7	415	830	1.4	2.9
Maryland	956,177	360,181	326.1	<sup>3</sup> 28.1	5,999	6,659	2.8	3,1
District of Columbia	9 <sub>11,591</sub> 37,423	<sup>3</sup> 12,775 40,350	<sup>3</sup> 13.4 12.3	<sup>3</sup> 14.8 13.5	1,955 7,081	2,080 7,018	2.3	2.4 2.3
West Virginia	316.495	318.655	<sup>9</sup> 8.6	9.9				
North Carolina	329,773	352,049	97.8	<sup>3</sup> 8.7		<sup>2</sup> 7,000		<sup>2</sup> 1.9
South Carolina	346,748 368,206	3 <sub>48,357</sub> 3 <sub>68,715</sub>	<sup>3</sup> 23.6 <sup>3</sup> 21.5	<sup>3</sup> 24.8 <sup>3</sup> 21.9	(4)	(*)	(4)	(4)
Florida	21,510	23,959	8.9	10.3	18,015	20,919	7.4	9.0
EAST SOUTH CENTRAL:								
Kentucky	364,232	<sup>3</sup> 71,563	<sup>3</sup> 22.5	<sup>3</sup> 25.7				T 1
Temmessee	15,316 20,926	17,232 46,425	4.8 7.2	5.6 16.4	8,292 9,699	9,487 10,753	2.6 3.3	3.1 3.8
Mississippi	53,645	53,584	25.4	25.6	6,697	7,004	3.2	3.3
West south Central:								
Arkansas	<sup>3</sup> 43,490	43,652	<sup>3</sup> 22.5 <sup>2</sup> 11.2	8.23 9 <sub>12.9</sub>	8,905	9,578	4,6	5.0
LouisianaOklahoma	<sup>2</sup> 29,000 <sup>3</sup> 20,636	<sup>3</sup> 32,939 <sup>3</sup> 21,183	39.0	39.5				
Texas	3112,898	8123,798	3 <sub>15.3</sub>	317.4	39,567	43,584	5.4	6.1
Mountain:						أمرسيد	,	E ^
Montana	7,131 8,354	9,769 8,029	14.0 14.3	20.0 15.3	2,090 3,190	2,439 23,400	4.1 5.4	5.0 26.5
Uyomi ng	3,736	3,696	13.1	13.9	1,246	1,469	4.4	5.5
Colorado	<sup>9</sup> 14,009	°15,188	°11.7	°13.3				= 0
New Mexico	16,492	<sup>2</sup> 15,986	28.9 <sup>3</sup> 35.3	<sup>2</sup> 29.2 <sup>3</sup> 39.0	2,631	3,160 <sup>2</sup> 2,400	4.6	5.8 23.7
Arizona	<sup>3</sup> 24,824 7,327	<sup>3</sup> 25,101 <sup>3</sup> 7,965	10.9	912.4	2,199	2,927	3.3	4.6
Nevada	952,360	<sup>3</sup> 57,556	<sup>3</sup> 319.3	3414.1	211,000	<sup>2</sup> 13,800	<sup>2</sup> 67.1	299.3
PACIFIC:		3	3	3	0.100	²11,000		24.7
WeshingtonOregon	<sup>9</sup> 35,007 12,373	<sup>3</sup> 39,659 12,881	914.2 7.5	<sup>3</sup> 16.8 8.3	8,105 6,405	6,707	3.3 3.9	4.3
OregonCalifornia	88,242	94,459	8.5	9.5	42,342	51,156	4.1	5.2
OUTITAL 1170	001046	52,200			,	,	l	

<sup>&</sup>lt;sup>1</sup>Includes reported annulments.
<sup>2</sup>Estimated.

Marriage licenses.

And divorces granted. Data on annulments not available.

that these diverging trends are attributable to the new legislation, which may have induced some couples to avoid its restrictions by traveling to other States for the purpose of contracting marriage. However, interpretation and analysis of this phenomenon would be greatly facilitated if tabulations of marriage data were available by State of residence.

An additional consideration in comparing crude marriage rates by State for 1948 with those for 1947 is the effect of changes in the size and composition of the population of each State for these years,

### Trend in marriage rates

Table CH presents the number of marriages and the crude marriage rate for the United States for each year from 1867 through 1948.

Over the 82-year period covered by these data, the crude marriage rate has been characterized by a period of relative stability up to the turn of the century and by subsequent periods of irregular fluctuations.

From 1900 through 1920, there was a well defined though gradual rise punctuated by fairly sizable though intermittent decreases scattered over the 21-year period. In this period the marriage rate rose from 9.3 in 1900 to 12.0 in 1920.

From 1920 to 1932 there was an almost uninterrupted decline terminating in an all-time low rate of 7.9 marriages per 1,000 population in 1932. From 1932 to 1946 there was an alternating but predominantly upward movement in marriage rates culminating in an all-time high rate of 16.4 for 1946. In the 2 years 1947 and 1948, the marriage rate has dropped 25

#### DIVORCE STATISTICS

An estimated total of 408,000 divorces, in the United States in 1948 was 15.5 percent below the estimate for 1947. The crude divorce rate for 1948 was estimated at 2,8 per 1,000 estimated midyear population excluding the armed forces overseas, representing a decrease of 17.6 percent from the comparable figure for the previous year.

The total number of divorces in the United States was estimated from partial or complete figures reported by a varying number of States in each year, 1947 and 1948.

TABLE CH. --ESTIMATED MARRIAGES AND DIVORCES, AND CHUDE RATES: UNITED STATES, 1867-1948

(Rates per 1.000 estimated midwear population)

					(======================================	1,000 000240							
YEAR	Population <sup>1</sup>	Marriages <sup>2</sup>	Marriage rate	Population <sup>3</sup>	Divorces <sup>4</sup>	Divorce rate	YEAR	Population <sup>1</sup>	Marrieges <sup>2</sup>	Marriage rate	Population <sup>3</sup>	Divorces <sup>4</sup>	Divorce rate
								02 000 021	070 075	10.8	87,000,271	76,571	0.9
1948	146,113,000	1,811,155	12.4	146,113,000	408,000	2.8	1907	87,000,271	936,936			72,062	0.8
1947	143,405,000	1,991,878	13.9	143,405,000	483,000	3.4	1905	85,436,556	895,000	10.5	85,436,556	67,976	0.8
1946	139,899,000	2,291,045	16.4	141,235,000	610,000	4.3	1905	83,819,666	842,000	10.0	83,819,666		
1945	132,018,525	1,612,992	12.2	139,585,518	485,000	3.5	1904	B2,164,974	815,000	9.9	82,164,974	66,199	8,0
1944	132,552,005	1,452,394	11.0	138,083,449	400,000	2,9	1903	80,632,152	818,000	10.1	80,632,152	64, 925	0.8
1943	133,966,319	1,577,050	11.8	136,497,049	359,000	2.6	1902	79,160,196	776,000	9,8	79,160,196	61,480	0.8
1942	133,770,500	1,772,132	13,2	134,664,924	321,000	2.4	1901	77,585,128	742,000	9,6	77,585,128	60,984	0.8
1941	133,060,045	1,695,999	12,7	133,202,873	293,000	2.2	1900	76,094,134	709,000	9,8	76,094,134	55,751	0.7
1940	131,954,144	1,595,679	12.1	131,970,224	264,000	2.0	1899	74,798,612	673,000	9.0	74,798,612	51,437	0.7
1939	130,879,718	1,403,633	10.7	130,879,718	251,000	1.9	1898	73,493,926	647,000	8.6	73,493,926	47,849	0.7
1938	129,824,939	1,330,780	10.3	129,824,939	244,000	1.9	1897	72,169,240	643,000	8,9	72,189,240	44,699	0.6
1329	128,024,838	1,330,760	1	112,024,303	244,000		1 2051	10,200,020	1			, ,	
1937	128,824,829	1,451,296	11.3	128,824,829	249,000	1.9	1896	70,884,554	635,000	9.0	70,884,554	42,937	0.6
1956	128,053,180	1,369,000	10.7	128,053,180	236,000	1.8	1895	69,579,868	620,000	8.9	69,579,868	40,387	0.6
1935	127,250,232	1,327,000	10.4	127,250,232	218,000	1.7	1894	68,275,182	588,000	8.6	68,275,182	37,568	0.6
1934	126,373,773	1,302,000	10.3	126, 373, 773	204,000	1.6	1893	66,970,496	601,000	9.0	66,970,496	37,468	0,6
1933	125,578,763	1,098,000	8.7	125,578,763	165,000	1.3	1.892	65,665,810	601,000	9,2	65,665,810	36,579	0.6
1300	120,010,100	-		220,012,122		i	1	l ' '	1				
1932	124,840,471	981,903	7.9	124,840,471	164,241	1.3	1891	54,361,124	592,000	9.2	64,361,124	35,540	0.6
1931	124,039,648	1.060.914	8.6	124,039,648	188,003	1.5	1890	63,056,438	570,000	9,0	63,056,438	33,461	0.5
1930	123,076,741	1,126,856	9.2	123,076,741	195,961	1.6	1889	61,775,121	563,000	9.1	61,775,121	31,735	- 0.5
1929	121,769,939	1,232,559		121.769.939	205,876	1.7	1888	60,495,927	535,000	8.8	60,495,927	28,669	0.5
1928	120,501,115	1,182,497	9.B		200,176	. 17	1.887	59,216,733	513,000	8.7	59,216,733	27,919	0.5
1927	119,038,062	1,201,053	10.1	119:038,062	196,292	1.6	1885	57,937,540	-534,000	9.2	57,937,540	25,535	0.4
1926	117.399.225	1.202.574	10.2		184,678	1.6	1885	56,658,347	507,000	8,9	56,658,347	25,472	0.4
1925	115,831,963	1,188,334		115,831,963	175,449	1.5	1.884	55,379,154	485,000	8.8	55,379,154	22,994	0.4
1924					170,952	1.5	1883	54,099,961	501,000	9.3	54,099,961	23,198	0.4
	114,113,463	1,184,574		114,113,463		1.5	1882	52,820,768	484,000	9.2	52,820,768	22,112	0.4
1923	111,949,945	1,229,784	17.0	111,949,945	165,096	5	1002	52,620,165	404,000	3.2	32,020,100	20,111	
1922	110,054,778	. 1,134,151	10.3	110,054,778	148,815	1.4	1881	51,541,575	464,000	9.0	51,541,575	20,762	0.4
1921	108,541,489	1,163,863	10.7	108,541,489	159,580	1.5	1880	50,262,382	453,000	9.0	50, 262, 382	19,663	0.4
1920	106,466,420	1,274,476		106,466,420	170,505	16	1879	49,208,194	438,000	8.9	49,208,194	17,083	0.3
1919	104,512,110	1,150,186		105,062,747	141,527	1.3	1876	48,174,461	423,000	8.8	48,174,461	16,089	0.3
1918	103,202,801			104,549,886	116,254	1.1	1877	47,140,727	411,000	8.7	47,140,727	15,687	0.3
1017	103,265,913	1 144 200	11.1	103,413,743	121,564	1,2	1876	46,106,994	405,000	8.0	46,106,994	14,800	0.3
1917					1 224,000	1.1	1875	45,073,260	409,000	9.1	45,073,260	14,212	0.3
1916	101,965,984	1,075,775		101,965,984	114,000					8.7	44,039,527	13,989	0.3
1915	100,549,013	1,007,595	10.0	100,549,013	104,298	. 1.0	1874	44,039,527	385,000			13,156	0.3
1914	99,117,567	1,025,092		99,117,567	100,584	1.0	1873	43,005,794		9.0	43,005,794		0.3
1913	97,226,814	1,021,398	10.5	97,226,814	91,307	0.9	1872	41,972,060	378,000	9.0	43.,972,060	12,390	0.3
1912	95,331,300	1,004,602	10.5	95,331,300	94,318	1.0	1671	40,938,327	359,000	8.8	40,938,327	11,566	0.3
1911		955,287	10,2	93,867,814	89,219	1.0	1870	39,904,593		8.8	39,904,593	10,962	0.3
1910	92,406,536				83,045	0.9	1869	39,050,729	348,000	8.9	39,050,729	10,939	0.3
1909	90,491,525	897,354	9,9		79,671	0.9	1868	38,213,216		9.0	38, 213, 216	10,130	0.3
1908	88,708,976	857,461		88,708,976	76,852	0.9	1867	37,375,703				9,937	0.3
7300	30,100,976	1 001,401	3,1	30,100,510	30000	L ""		3.,0.0,00	1 55.,000		1,,		<u> </u>

<sup>&</sup>lt;sup>40</sup>For history of surveys covering these years, see pp.

<sup>&</sup>lt;sup>41</sup>For a discussion of source of data, see.p. V.

For 1917-19 and 1940-48, excludes armed forces overseas. For source of data, see table C. For 1917-19 and 1940-46, includes armed forces overseas; for 1947 and 1948, excludes Includes reported annulments. For source of data, see table C.

## Divorces by State in 1948

Table CG shows the number of divorces and crude divorce rates for 3 geographic divisions and for 39 States in 1947 and 37 States in 1948. Annulments are included in the individual State totals if reported. The population base used in computing the crude divorce rates is the total estimated midyear population present in a given area for each year.<sup>42</sup> These crude rates are useful in tracing general trends and in comparing divorce rates with other crude vital statistics rates. Specific or adjusted divorce rates are not presently feasible, primarily owing to lack of detailed statistics on divorces.

The data are presented by place of occurrence since information on usual residence of parties to a divorce is not obtainable. In the strictly legal sense, a divorce may be granted only in the State where one or both parties to a divorce have a legally recognized domicile. However, residence requirements for divorce purposes differ widely among the States, and an examination of the data reveals that divorce rates tend to be higher in States in which the laws provide for a residence period of short duration.

Crude divorce rates by State decreased generally in 1948 compared with 1947 figures, except in 1 State (Virginia) where no change in rates occurred. The number of divorces in the same years also decreased, except in Virginia where a slight rise was noted. However, there were several instances of marked differences in percentage declines of rates by State compared with percentage changes in frequencies by State. In 2 States (Idaho and Nevada) percentage changes in rates for 1948 from 1947 were more than one and a half times the percentage changes in numbers of divorces for the same years. In both States there were unusually large increases in the State populations for 1948. As pointed out by the Bureau of the Census, "a small portion of the difference...." in population estimates for 1948 compared with 1947 may be attributed to the Bureau's change in its estimating procedures. Hence, considerable care should be taken in interpreting changes in divorce rates by State for 1948 compared with those for 1947.

#### Trend in divorce rates

The number of divorces and crude divorce rates per 1,000 estimated midyear population excluding the armed forces overseas for the United States for each year from 1867 through 1948 are presented in table CH.<sup>44</sup>

There was a steady and almost uninterrupted rise in divorce rates over the 82-year period covered. Except in 9 fairly scattered years, the divorce rate for each year either equaled or exceeded the rate for the previous year. Until 1913, any changes in the divorce rate were small and consistently upward, raising the rate from 0.3 divorces per 1,000 population in 1867 to 1,0 in 1911 and 1912. The year 1913 was the first in which the divorce rate failed to at least equal the rate for the preceding year. Decreases in subsequent years were short-lived, and by 1944 the divorce rate had climbed in a series of upward movements, none of which exceeded 0.3, to a total of 2.9 divorces per 1,000 population. Changes in both directions starting with 1945 were more abrupt than in previous years. In 1946, the divorce rate reached a peak of 4.3 and in 1948 receded one-third from the peak rate to a rate of 2.8 divorces per 1,000 population.

## Marriage-divorce ratio

The number of marriages occurring in a single year divided by the number of divorces in the same year, or the marriagedivorce ratio, is frequently assumed to represent the proportion of marriages ending in divorce in a single year. Although this assumption is fallacious, changes in the marriage-divorce ratio over the 82-year period covered do indicate that in previous years there was a much larger relative increase in divorces than in marriages.

Thus, it may be computed from the data in table CH that the marriage-divorce ratio in 1867 was 36 marriages to 1 divorce. In 1900, the ratio was 13 to 1; in 1945, it was 3 to 1; and in each year 1946 through 1948, 4 to 1.

<sup>&</sup>lt;sup>42</sup>For a discussion of "Population bases," see p. X.

<sup>&</sup>lt;sup>43</sup>Bureau of the Census, "Current Population Reports---Population Estimates," Series P-25, No. 26, 1949.

<sup>44</sup> For history of surveys covering these years, see pp. VI-VII.

### STANDARD CERTIFICATES OF LIVE BIRTH, DEATH, AND STILLBIRTH

The standard certificates of live birth, death, and stillbirth in effect in 1948 were officially recommended in January 1939. While the official certificates adopted by the various States do not follow the standard certificates in every detail, they do correspond in most cases very closely with both the form and

content of the standard certificates.

The standard certificates are reproduced here in the belief that many users of vital statistics data will wish to study the documents which are the basic sources of national vital statistics tabulations.

1	ATE OF LIVE BIRTH  State File No.  Registrar's No.
State of	
1. PLACE OF BIRTH:	2. USUAL RESIDENCE OF MOTHER:
(a) County	(a) State
(b) City or town(f) outside city or town limits, write RURAL) (c) Name of hospital or institution:	(b) County
(If not in localital or institution, give street number or location)  (d) Mother's stay before delivery:	(c) City or town(If outside oity or town limits, write EURAL)
In hospital or institution In this community	(d) Street No (II rural, give location)
3. Full name of child	
5. Sex: 6. Twin or If so—born 1st,	
triplet 2d, or 3d	of pregnancy 8. Is mother married?
. FATHER OF CHILD	MOTHER OF CHILD
9. Full name	15. Full maiden name
10. Color or race 11. Age at time of this birth yrs.	16. Color or race 17. Age at time of this birth yrs.
12. Birthplace (City, town, or county) (State or foreign country)	18. Birthplace (Cltr, town, or county) (State or foreign country)
(City, town, or county) (State or foreign country)  13. Usual occupation	(City, town, or county) (State or foreign country)
14. Industry or business	20. Industry or business
21. Children born to this mather:	22. Mother's mailing address for registration notice:
(a) How many other children of this mother are now living?	
(b) How many other children were born alive but are now dead?	J
(c) How many children were born dead?	N:
23 I hereby certify that I attended the birth of this child who was horn alive	e at the hour of m. on the date above stated and that the information
	related to this child as
24. Date received by local registrar	Attendant's own signature
	M. D., midwife, or other Date signed
26. Date on which given name added by	Address

FEDERAL SECURITY AGENCY PUBLIC HEALTH SERVICE		FICATE OF DEATH	State File No Registrar's No	
	te of	<u> </u>		
. PLACE OF DEATH:		2. USUAL RESIDENCE OF DEC		
a) County		(a) State		
b) City or town		(c) City or town	ustride elty or town Hyelts write PURAT.	
c) Name of hospital or institution:	or town limits, write RUKAL)	1	didn't on at four marks are returned	•
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	(d) Street No		
(It not in hospital or institution, write d) Length of stay: In hospital or institut	street number or location)	ii	(If rural, give location)	
In this community	(Specify whether	(e) If foreign born, how long in U.	. S. A.?	year
In this community		II ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	CERTIFICATION	
. (a) FULL NAME		20. Date of death: Month		
- X-/		yearhour_	<del>-</del>	
. (b) If veteran,	3. (c) Social Security	21. I hereby certify that I attended		
name war				
5. Color ar	6.(a)Single, widowed, married,	, 19		
Sex race		that I last saw h alive on		P
. (b) Name of husband or wife	6. (c) Age of husband or wife if	and that death occurred on the date	: and hour stated above.	Duration
B	aliveyears	Immediate cause of death		
. Birth date of deceased	(Day) (Year)			<del></del> -
Months Days			<b></b>	
. AGE.		Due to		
	hrnun.			
9. Birthplace (City, town, or county)		Due to		
O. Usual occupation (Gity, town, or nountry)	(State or foreign country)			
1. Industry or business		Other conditions		
_		Other conditions (Include pregnancy within 3 months of death)		- PHYSICIAN
12. Name				
(City, town, or county)	(State or foreign sountry)	Major findings:		Underli
14. Maiden name		Of operations		
15. Birthplace(Csty, town, or county)	(State or foreign country)	#		should I
- Constitution of the state of		Of autopsy		- charged st tistically.
i. (a) Informant's own signature				usucany.
(b) Address		22. If death was due to external ca		
(b) Date (Burial, cremation, or removal)	te thereof	(a) Accident, suicide, or homicide (		
(c) Place; burial or cremation	(Month) (Day) (Year)	(b) Date of occurrence		
		(c) Where did injury occur?		
B. (a) Signature of funeral director		(c) Where did injury occur?	ome, on farm, in industrial p	lace, in publ
(b) Address		-1,		
(v) - 1000 to 000		While at work?	(Speedy type of place) (e) Means of injury	
1.65	(Rogistrar's signaturo)	23. Signature		
(b) (Date received local registrar)	M. A. J.	Address		

FEDERAL SECURITY AGENCY PUBLIC HEALTH SERVICE  STANDARD CERTIFIC  State of	CATE OF STILLBIRTH State File No
I. PLACE OF STILLEIRTH:	2. USUAL RESIDENCE OF MOTHER:
(a) County	(a) State
(b) City or town Of outside city or town limits, write RURAL)	(b) County
(c) Name of hospital or institution:	(c) City or town(If outside city or town limits, write RURAL)
(If not in hospital or institution give street number or location)  (d) Mother's stay before delivery in hospital or institution  (Specity whether years, months, or days)	(d) Street No. (If rural, give location)
3. Full name of child	4. Date of birth (Nonth) (Day) (Year)
5. Sex: 6. Twin or If so-born 1st,	7. Number months of
triplet 2d, or 3d	pregnancy 8. Is mother married?
FATHER OF CHILD	MOTHER OF CHILD
9. Full name	15. Full maiden name
10. Color or race 11. Age at time of this birth yrs.	16. Color or race 17. Age at time of this birth yrs.
12. Birthplace (City, torm, or county) (State or foreign country)	18. Birthplace (City, town, or county) (State or foreign country)
13. Usual occupation	17. Court occupation
14. Industry or business	20. Industry or business
21. Children born to this mother:	22. Mother's usual mailing address
(a) How many children of this mother are now living?	
(b) How many children were born alive but are now dead?	
(c) How many other children were born dead?	475 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -
	27. Cause of stillbirth (state only morbid conditions causing fetal death.
23. Did child die before labor? During labor?	Do not use such terms as prematurity, asphyxia, etc.):
24. Pregnancy, complications of	(a) Fetal causes
	(b) Maternal causes
25. Labor: (a) Complications of	
(b) Induced?	28. I hereby certify that I attended the birth of this child who was born dead
26 (a) Was there an operation for delivery?(Yes or no)	at the hour of m. on the date above stated.
(b) State all operations, if any	
(), 5000 00 00 00 00 00 00 00 00 00 00 00 0	Signature (Spealfy if M. D., midwife, or other)
(c) Did child die before operation? or during operation?	Address
	32 (a) Statement of local registrar or coroner if physician was not present at
29 (a) Informant	stillbirth
(b) Address	
30 (a) Burial, cremation, or removal(b) Date(Month, day, year)	***************************************
(c) Place of burial or cremation (Month, day, year)	(b) Signature Title
31 (a) Signature of funeral director	33. Date filed with local registrar
>: In organization of the property of the prop	

#### **GUIDE TO 1948 MORTALITY**

				G	EOGRAPHIC	LOCATION	CAUSE OF DRATE						
		Each urban place of 10,000+. State 10,000+. Totals by county for urban places under 10,000 and rural areas		place of		Population groups  Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural			Detailed		Selected List (un- abridged)	Infant List	
on mumber	AREA			s by y for places 10,000 ural	Resi- dent status			Inter- national List with letter sub-	Selected List (ebridged)	Selected Infent List			
Tebulation		Occur- rence	Resi- dence	Occur- rence	Resi- dence	Occur- rence	Resi- dence	divi	division				
*la	Each State	я		x		x		X1		8.			
*1ъ	Each State (nonresidents only)		х		x		x	X2		B.			
*2	Each State	x	х					x <sup>s</sup>	X				
*3	Each State (infants)		x				8					х	
4	United States (infants under 1 day)												a
5	Each urban place of 100,000+		Х								х		

<sup>\*</sup>Data available in summary punched cards.

#### NATALITY

	·	•												<del>-</del>			
					GEOGRA!	PHIC LOCA	TON				AGE				RACE		
				plac	urban e of	Popul gro	ation ups			Mo	ther	Father					
ion number	ARZA	St	æte	Total count urban	y for places 10,000 ural	10,000- 2,500-	,000+, 100,000,	Urban, rurel	Resi- dent stetus	Under 15, single units of age	10-49 by 5-year age groups, 50+, and	10-54 by 5-year age groups, 55+, and	White, non- white	White, Negro, other	White, Negro, Indian, Chi- nese, Japa- nese,	In- dian, Chi- nese, Japa- nese, other	Negro, In- dian, other non- white
Tabulation		Occur- rence	Resi- dence	Occur- rence	Resi- dence	Occur- rence	Resi- dence	Occur- rence		not stated	not stated	not stated			other		
*la	Each State	x		х		X			χ¹				a,b				
*1b	Each State (nonresidents only)		х		x		X		χ³				a,b				
¥2a.	Each State	x					8.		X4	x		ъ		x		c	
*2b	Each State (nonresidents only)		x				8.			X		ъ		x		С	
3	Rach State (nonresidents only)	x	В														
4	Each State (plural births)		х											а			
5	United States (plural births)										a						

\*Data available in summary punched cards. <sup>1</sup>Residents, nonresidents (intrastate and interetate). <sup>2</sup>Legitimacy not reported for the following States: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Maxico, New York, Oklahoma, South Carolina, and Wyoning.

#### **STILLBIRTH**

la	Each State and New York City1	x			T					х		
1b	Each State and New York City	x					a			x		
s	Each State	x	a					p3				ll
*3	Each State		х	x		¥		X <sub>3</sub>		8.		
*4	United States					x			x		x	
5	Each urben place of 100,000+	x								8.		
6	Each State		X						x	x		 a
7	United States								£.			

\*Date available in summary punched cards.

1 Includes all stillbirth cards; all other tabulations include only stillbirth cards for which period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

2 Period of gestation not reported for Massachusetts.

3 Residents, nonresidents (intrastate and interstate).

4 Legitimacy not reported for the following States: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland Massachusetts, Nebraska, Newada, New Hampshire, New Mexico, New York, Oklahoma, South Carolina, and Wyoming.

5 Mumber of children not reported for Massachusetts.

NOTES.—The National Office of Vital Statistics tabulates a large volume of statistical material. Since only the tabulations that seem most important or of general interests can be published, only a fraction of the data available is ever printed. Nevertheless, the umpublished data are available to research workers and to many others having specialized interests.

The above tabular index is printed here for the use of those persons who may need certain statistical data which have not been published. It is relatively simple and describes completely all of the mortality, and stillbirth tabulations made by the National Office of Vital Statistics for 1948.

In the tabular outline of mortality statistics for 1948 (see table), it may be seen that the column headings show all of the different classifications of subject matter used in the general body of data being described. Each tabulation is described separately in each row. The stub of the table shows the basis of tabulation and the number

Residents, nonresidents (intrastate and interstate).

 $<sup>^{2}</sup>$ Intrastate and interstate nonresidents.

#### **TABULATIONS**

#### **TABULATIONS**

	· <u>-</u>	AGE				RACE				1	restitution		
Under 1 year, single years to 4, 5-year age groups to 99, 100+, and not stated	Under . 1 year	Under 1. year and 1. year and - over	Under 1 day; 1, 2, 5-6, 7-13, 14-20, 21-29 day; 1 mo., 2 mos., 11 mos.	1 hour, 2, 23 hours, not stated	White, non- white	White, Negro, other	White, Negro, Indiam, Chinese, Japanese, Japanese, other	Sex	Month of death	Not in institution, resident and nonresident institutions	Type of service	Type of control	Tabulation number
	ъ	e		,	b,d,e			ď		е	r		*le
	ъ	¢			b,d,e			a		е	f		*1b
a							x	x	ъ		c	đ	*2 .
			x			x		ъ	c		à		*3
				x	x			x					4
а					x			x	ъ		С	đ	5

Residents (including intrastate nonresidents); interstate nonresidents.

#### **TABULATIONS**

	NATIVITY								NUMBER OF	ситалніки		,	PLURAL	BIRTES	
								Born	alive	Ever	born				
White mather	Mother	Father	Sex of child	Momth of birth	Person · in attend- ance	Period of gesta- tion	Legit- imate, ille- git- imate, not stated	1, 2, 3,  17+, not stated	1, 2, 3, 11+, not stated	1, 2, .3,  20+, not stated	1, 2, 3, 17+, not stated	Previous stillbirth, no prévious stillbirth	Number born alive	Number and sex of mates	Tabulation number
			<del></del>		6		b <sup>2</sup>								*la
					n.		b <sup>2</sup>								*1ь
x		ď	x	e			ź²	8 <sup>5</sup>							*2a
x		đ	x		٠.		f²	g <sup>5</sup>							*2b
						l									3
			-	1									x	x	4
														I	5

<sup>&</sup>lt;sup>3</sup>Intrastate and interstate nonresidents. for Massachusetts.

#### TABULATIONS.

- '	·	в			a <sup>2</sup>							la
		i	ъ			04						179
												2
	 		ъ	a	1							#3
		x								6. <sup>5</sup>		*4
				. в		,						5
	·	x	<del>                                     </del>		<b>†</b>	b <sup>4</sup>	<u> </u>	c <sup>5</sup>		đ <sup>5</sup>		Î G
									1/5		x	7

of the tabulation in which data are to be found. The stub also shows the scope of the tabulation under "area" which relates to the punch cards actually included in the tabulation. The notations in this column indicate whether the tabulation was made for each State or for the entire United States, for urban places having populations of 100,000 or more in each State, or for infant deaths only. In other words "area" designates the segment of the population for which the tabulation was made.

The many interrelations of data within this framework are shown by simple notations. In the horizontal rows for each tabulation, and under each subject-classification are placed the proper alphabetical notations which indicate the interrelations within the particular tabulation, within each tabulation, subjects noted by I are cross-tabulated with each other and with all lattered subjects; for example, in mortality tabulation 3 (see table) infant deaths for each State (by plane of residence) are tabulated by cause of death and the cause groups in turn are cross-tabulated by age and race. The resulting cause-age-race groups are then tabulated by population-size groups, by sex, by month of death, and by type of service in institution. However, the lattered subjects (population-size group, sex, month of death, and type of institution) are not cross-tabulated with each other.

The only exception to this general principle is the case where two or more lettered subjects are cross-tabulated. For example, in natality tabulation la race is subjects in the tabulation. In such cases, the same letter is used to indicate these subjects which are cross-tabulated. For example, in natality tabulation la race is cross-classified with attendant and legitimacy. However, attendant and legitimacy are not cross-classified with each other. All of the lettered subjects are cross-tabulated with place of occurrence, population-size group, and resident status, each of which is indicated by I.

<sup>\*</sup>Residents (including intrastate nonresidents); interstate nonresidents.

Swamber of children not reported

# SUMMARY AND RATE TABLES

#### TABLE I.-CRUDE BIRTH RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Hates per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

=		2015	1010	1012	2010	1010	1000	1001	1922	1923	1924	1925	1926	1927	1928	1929
	AREA	1915	1916	1917	1918	1919	1920	1921	1988	1969	1924	1925	1926	1361	1326	1929
1	UNITED STATES (birth-registration States)-	25.0	24.9	24.5	24.7	22.4	23.7	24.2	22.3	22,1	22,2	21.3	20.5	20.5	19.7	18.8
	GEOGRAPHIC DIVISIONS															
z	New England	24.3	24.1	25.1	25.4		1	23.3	21.9	21.7	22.2	20.7	19.8	19.4	19.8	37.8
3	Middle Atlantic							24.2	22.7	22.3	22.3	21.3	20.4	20.6	19.5	18.4
4	East North Central								20.7	20.6	20.9	20.1	19.5	19.3	18.6	18.2
5 6	West North Central														22.9	21.6
7	East South Central													24.0	22.6	21.9
8	West South Central														=	20.8
10	Mountain					17.5	19.1	19.2	18.3	18.4	18.7	17.6	16.6	16.1	15.4	14.6
	NEW ENGLAND					11.10			2010		2011					
									22.6	an =	23.5	22.0	20.7	20.5	20.7	19.9
11 12	Maine	20.9	20.7	21.4 21.4	22.1 21.9	20.3	22.5	22.9	21.7	22.5	22.1	20.5	18.9	18.9	18.5	17.5
13	Vermont	21.8	21.6	20.3	21.5	20.0	21.0	22.3	21.2	20.7	20.9	21.1	20.1	19.7	19.7	18.7
14	Mossochusetts	25.2	25.1	25.6	25.9	23.2	23.6	23.3	21.9	22.0	22.3	20.7	19.9	19.5	18.7	17.5
15	Rhode Island	25.3 25.9	24.5 27.3	25.2 28.2	25.7 27.8	24.9	24.5	23.0 24.1	22.2	22.0	22.4	21.2	20.0	20.5	19.2 17.9	18.0 17.1
16	Consection	63.3	2113	2102	E 1 + C	24.0	24.0	24.1	41.0					2012		
	MIDDLE ATLANTIC		24.5	04.6		20.1	22.0	23.0	21.9	21.4	21.3	20.5	19.8	20.4	19.2	17.8
17 18	New Jersey	24.9	24.5	24.6	24.4	22.1	22.9	23.7	22.1	21.5	21.5	20.2	19.3	18.7	17.7	17.1
19	Pennsylvania	26.1	25.7	25.9	25.8	24.0	25.2	25.8	23.9	23.7	23.8	22.7	21.6	21.5	20.5	19.5
								1				]				
20	Chic			22.0	22.5	19.9	21.3	21.8	20.3	20.8	20.9	19.7	19.0	18.8	16.2	17.6
21	Indiana			21.7	22.4	20.4	22.0	22.9	21.6	21.5	22.0	20.6	19.9	19.5	16.6	18.2
22	Illinois								19.3	18.7	19.0	18.5	18.1	17.8	17-1	20.7
23	MichiganWisconsin	24.7	25.9	25.8 22.9	26.0 23.4	23.4	24.9	24.9 22.7	22.9 21.0	22.9 21.0	23.3 21.6	22.9	22.2	21.8 19.7	21.0 19.6	18.9
24	#18COUSTU			66.3	23.4	61.1	2149	22.51	21.0	21.00		2010				
	WEST NORTH CENTRAL			AN 5		22.1	23.3	23.6	23.3	22.6	22.1	21.2	20.5	19.7	19.1	18.2
25 26	Iovancentario	24.2	24.0	23.5	24.4	22.1	23.3		43.3		20.3	19.7	18.8	18.3	17.7	17.1
27	Missouri													18.6	17.6	16.9
28	North Dakota					<del>-</del>					22-2	22.5	22.9	22.4	22.5	21.7
29	South Dakota								02.7	22.9	22.6	21.8	20.9	20.4	20.4	19.3
30 31	Nebraska			22.1	22.6	20.7	23.8 22.4	24.6	23.7 21.5	21.7	21.0	20.1	19.1	18.9	18.3	17.5
31	Antibus				2010									i		
32	SOUTH ATLANTIC Delaware							23.4	22.0	21.2	20.2	21.1	18.7	18.6	18.5	18.1
33	Maryland		23.8	23.0	23.2	23.5	24.7	24.8	22.9	22.8	22.5	21.8	20.9	20.3	19.8	18.5
34	District of Columbia	19.4	20.0	19.4	19.5	18.4	20.0	20.1	20.2	19.9	20.3	19.7	19.0	19.0	18.7	18.4
<b>3</b> 5	Virginia			26.3	26.7	26.2	28.0	29.3	26.9	26.5	26.5	25.3	23.9	25.9	23.2 25.6	22.3
36	West Virginia			30.0	29.9	29.1	31.5	33.4	30.3	30.5	30.9	28.4	27.1	27.5	26.2	24.6
37 38	South Carolina			30.0		26-4	28.3	29.8	27.5	26.1	27.7				24.9	22.7
39	Georgia														20.4	20.Z
40	Florida										23.1	23.3	25.4	24.1	20.B	1B.6
	rast south cental															
41	Kentucky			25.5	25.7	23.9	26.0	27.6	25.4	26.1	26.3	25.2	83.8	24.4	23.2 19.2	21.7 19.4
42	Tennessee													25.9	24.1	23.8
43 44	Mississippi							25.3	23.7	25,1	23.1	23.6	26.3	25.1	24.3	22.8
	WEST SOUTH CENTRAL															
45	Arkansas													21.9 22.7	20.7	20.2
46 47	Louisiana													46+1	18.3	16.8
48	Техан															
	MOUNTAIN															
49	Montana								20.0	19.5	19.0	19.1	18.5	18.6	18.4	19.2
50	Idaho												21.1	20.5	20.2	19.7
51	Wyoning								25.0	23.4	24.3	22.4	20.2	20.4	20.4 18.9	19.8 17.8
52 53	Colorado															27.0
54	Arizona												20.8	9.05	21.2	82.3
55	Pteh			30.7	33.1	29.2	31.2	31.9	29.7	28.8	29.1	28.2	26.6	25.7	25.7	24.4
56	Nevada															14.6
	PACIFIC				1	l			Į.	ļ						
57	Washington			18.2	19.2	18.8	19.7	19.4	17.9	17.6	17.3 18.3	16.6 17.5	15.8 16.3	15.2 15.8	14.9	14.6
58 59	Oregon					17.5 16.9	19.0 18.9	19.4 19.1	18.4	18.0 18.8	19.2	18.0	16.8	16.4	15.6	14.7
28	AUTTO-UTG				1				LL				L	L		

Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 19.1 (1941); 21.5 (1942); 22.0 (1943); 22.1 (1944); 21.5 (1945); 23.8 (1946).

Rates for all areas based on total population present in area.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

# UNITED STATES, EACH DIVISION AND STATE, 1915-48

birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

																			_
1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	19401	1941 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	19441	1945 <sup>1</sup>	1946 <sup>1</sup>	19472	19482	
18.9	18.0	17.4	16.6	17.2	16.9	16.7	17.1	17.6	17.3	17.9	18.9	50*8	21.5	.20.2	19.6	23.3	25.8	24.2	1
17.8 18.0 18.2 21.8 22.6 21.3 14.7	16.8 16.8 16.8 21.0 21.8 20.4 14.0	16.3 16.0 15.9 17.2 21.3 22.0	15.2 14.9 15.0 16.5 20.1 20.6 18.3 19.1 12.7	15.3 14.8 15.5 17.3 21.0 21.8 19.5 20.1	15.0 14.8 15.7 16.7 20.5 21.4 18.7 20.5 13.2	14.7 14.6 15.8 16.8 19.9 20.8 18.2 20.4 13.6	14.7 14.7 16.3 16.6 20.5 21.2 18.7 21.0 14.6	14.8 15.0 17.0 17.1 20.6 21.9 19.6 21.8 15.4	15.0 14.7 16.4 17.0 20.4 21.2 19.2 21.4 15.3	15.7 15.3 17.0 17.5 20.8 21.8 20.0 21.9 16.2	17.0 16.6 18.4 18.3 22.0 22.5 21.6 21.9	20.3 19.5 21.1 19.9 23.8 24.6 22.9 23.5 20.7	21.8 20.3 21.7 21.1 26.4 26.9 25.4 26.4 23.0	19.9 18.6 20.1 20.8 26.0 26.5 25.7 27.0 22.1	19.3 18.6 19.6 20.1 25.3 25.4 23.9 26.3 21.6	21.7 21.1 22.8 22.6 26.8 27.9 25.5 28.2 23.3	23.9 23.1 25.0 24.9 29.0 29.0 27.0 31.2 24.9	21.8 21.2 23.5 23.7 27.4 28.2 25.9 29.1 23.0	4 5 6 7 8
20.3 17.8 19.3 17.3 17.8 17.2	20.3 16.6 18.6 16.4 16.6	20:0 16:6 16:9 16:1 16:5 14:6	18.6 15.6 17.2 14.8 15.3	19.3 16.6 18.5 14.8 15.3	19.1 16.3 18.5 14.4 15.1 13.5	18.5 16.1 18.1 14.0 14.8 13.5	18.3 16.0 17.8 14.0 14.8 13.7	18.2 16.3 17.7 13.8 15.2 14.2	17.8 16.2 17.8 14.5 14.9 13.9	17.9 17.3 18.7 15.4 15.3	18.9 17.9 19.4 16.5 16.6 16.6	21.3 19.9 20.2 19.9 20.5 20.7	23.7 21.2 22.3 21.3 21.7 22.2	22.5 19.3 20.8 19.4 20.4 19.6	20.9 18.6 20.2 19.0 20.2 19.1	23.3 22.8 22.7 21.2 22.7 21.3	26.6 25.6 25.5 23.4 24.8 22.7	24.2 24.4 24.8 21.1 23.1 20.7	12 13 14
17.1 16.8 19.5	16.1 15.5 18.4	15.4 14.9 17.2	14.4 13.6 16.1	14.1 13.3 16.4	13.9 13.3 16.5	13.6 13.2 16.4	13.8 13.3 16.6	14.1 13.7 16.8	13.9 13.6 16.4	14.7 14.1 16.7	15:9 16.0 17.7	18.8 19.5 20.3	19.7 20.1 21.2	18.4 18.3 19.1	18.6 18.6 18.6	20.9 20.9 21.4	22.9 22.3 23.6	21.3 19.9 21.7	
17.7 18.3 16.8 2015 19.3	16.1 17.1 15.5 19.0 18.3	15.1 16.1 14.5 17.9 17.7	14.1 15.2 14.0 16.9 16.7	14.7 15.7 14.3 17.5 17.0	14.8 15.8 14.4 18.1 17.2	15-1 16-0 14-4 18-1 17-2	15.7 16.5 14.7 18.4 17.4	16.4 17.7 15.6 19.2 17.8	15.8 17.1 15.0 18.3 17.4	16.6 18.0 15.6 18.8 17.5	18.3 19.0 17.1 20.3 18.3	21.1 21.1 19.7 25.3 21.1	21.4 21.6 20.5 23.6 21.9	19.5 20.9 18.9 21.4 21.0	19.3 20.0 18.4 20.8 20.9	22.7 23.1 21.6 23.7 23.6	25.7 25.2 22.9 26.5 25.7	23.7 23.7 21.7 24.8 24:5	
18.4 17.3 17.1 21.7 19.6 17.9	18.0 17.0 16.5 21.3 19.3	17.7 16.3 16.2 21.1 19.1 18.3 16.8	16.8 16.0 15.4 19.9 18.6 17.6 16.4	17.2 17.0 15.9 22.0 19.3 18.3	17.1 16.4 15.4 20.8 19.1 17.1 16.3	17.6 17.1 15.0 20.8 19.3 17.7 16.1	17.7 17.0 15.2 19.6 18.1 16.8 15.8	18.3 17.4 15.7 20.4 18.2 17.0 16.1	18.2 17.4 15.6 20.5 18.0 17.0	19.0 17.9 16.4 20.9 18.2 16.9 16.0	19.5 18.6 17.4 21.9 19.2 17.4	21.6 19.9 18.9 23.2 21.0 19.2 18.7	22.2 20.2 20.4 24.9 23.4 20.5	21.5 20.1 19.7 26.8 24.3 20.9 20.2	20.7 19.1 19.1 26.1 23.7 20.5 19.3	25.8 22.4 21.7 28.9 25.8 21.9 20.9	26.1 25.1 23.7 32.1 28.2 24.9 22.4	24.8 23.6 22.3 28.8 26.7 24.2 22.1	25 26 27 28 29 30 31
18.7 18.5 19.2 22.5 24.0 24.2 23.1 20.8 18.4	17.5 17.4 18.5 21.3 22.3 23.3 22.2 21.0 18.1	17.5 17.2 19.8 21.8 21.7 23.9 23.2 21.5 18.0	15.8 16.2 18.8 20.3 20.1 22.7 22.3 20.4 16.5	16.0 16.0 17.9 20.5 22.7 23.7 24.3 21.5	16.1 15.8 17.8 19.9 22.5 23.3 22.1 21.1	15.5 15.3 18.6 19.5 21.9 22.4 21.3 20.4 17.0	17.2 15.8 20.0 19.6 22.7 23.0 21.9 20.9	17.2 16.4 20.3 19.9 22.7 23.0 22.0 20.7 17.6	16.7 15.8 21.3 19.6 22.0 22.4 22.5 20.7 17.6	17.2 16.6 22.7 20.6 22.0 22.5 23.5 21.0	18.8 18.5 24.3 21.7 22.9 23.5 25.0 22.0	21.3 21.5 26.9 23.4 23.4 25.2 25.8 24.0 20.7	24.2 23.3 28.4 25.8 24.3 27.7 29.7 27.1 25.3	22.9 22.1 27.6 25.0 24.1 27.1 26.4 26.9	22.9 21.7 28.0 24.0 25.0 26.5 27.3 26.4 26.0	24.9 23.5 32.0 25.0 26.8 28.1 28.6 28.0 25.4	27.1 25.7 33.1 27.4 29.5 30.7 30.3 30.4 26.4	24.7 23.8 31.8 28.0 27.7 28.9 29.3 29.2	32 33 34 35 36 37 38 39 40
22.6 20.1 24.0 24.0	21.7 19.7 23.5 22.5	22.5 19.4 23.4 22.9	20.8 18.3 21.9 21.5	22.4 18.9 23.2 23.0	21.4 19.1 22.4 23.1	20.5 18.2 21.5 23.5	20.5 18.6 22.0 24.7	22.3 19.0 22.0 25.0	21.5 18.6 21.7 25.8	22.3 19.0 22.3 24.1	22.6 20.5 23.0 24.4	24.4 22.9 25.7 25.8	25.1 25.6 28.9 · 28.4	25.1 25.3 28.1 27.9	24.0 24.1 27.3 26.6	26.8 26.6 28.4 30.3	26.7 26.6 30.7 31.8	27.0 26.5 29.2 31.1	41 42 43 44
22.1 20.4 17.7	22.1 20.3 18.0	20.3 19.9 17.1	19.4 18.0 18.2 18.0	19.8 19.2 19.8 19.4	18.7 18.7 18.3 18.9	17.6 19.2 17.7 18.1	18.4 20.1 17.8 18.7	19.2 21.2 19.0 19.3	18.2 20.8 18.6 19.1	19.7 21.6 19.3 19.8	21.0 22.8 22.3 21.2	22.6 24.6 22.5 22.4	23.9 26.8 22.7 26.2	23.5 26.8 23.8 26.4	22.5 25.2 20.4 25.0	24.2 27.7 21.7 26.4	25.7 29.3 23.2 27.6	24.9 28.2 21.7 26.6	45 46 47 48
18.5 20.6 19.8 18.1 28.4 23.7 25.4 14.5	18.0 20.2 19.8 17.7 28.2 21.1 23.4 12.9	17.0 19.4 18.6 16.8 28.0 18.9 23.1 13.1	16.8 18.9 18.4 16.3 27.3 17.8 22.8 14.0	18.6 20.4 19.8 17.0 27.5 18.4 24.1	18.6 20.2 18.6 17.9 27.7 19.5 24.1	19.1 21.2 20.0 17.1 26.3 20.1 23.8 13.9	18.8 21.0 18.7 18.1 27.5 21.9 24.0 16.8	19.6 22.4 20.2 18.8 27.8 22.4 24.8 17.9	19.7 21.5 19.8 18.6 27.2 22.2 24.0 16.0	20.5 22.1 20.1 18.7 27.5 23.3 24.5 18.4	20.6 22.5 20.0 18.8 27.5 22.9 24.3 18.6	22.0 22.4 20.9 21.3 27.1 24.3 27.6 22.0	23.6 24.7 22.9 23.3 31.5 29.1 30.4 25.0	23.9 25.2 23.6 24.0 34.4 29.6 29.5 27.2	23.6 24.0 22.3 23.9 33.8 27.9 28.2 28.2	26.5 26.0 22.8 27.2 35.4 28.6 29.7 25.9	30.3 30.2 27.0 29.1 37.5 30.3 34.3 30.1	29.0 26.7 25.6 28.0 36.1 28.1 31.3 22.9	49 50 51 52 53 54 55 56
14.7 14.1 14.8	14.0 13.7 14.0	13.7 13.2 13.3	13.3 12.5 12.6	14.2 13.3 12.9	14.0 13.2 13.0	14.4 13.6 13.3	15.1 14.8 14.5	15.9 <sub>(</sub> 15.3 15.3	15.6 15.5 15.3	16.2 16.2 16.2	17.4 16.9 17.3	21.5 19.8 20.6	23.9 21.9 23.0	22.6 19.3 22.4	22.1 18.7 21.9	23.9 21.2 23.5	25.2 23.5 25.0	25.1 21.5 25.5	57 58 59

# VITAL STATISTICS OF THE UNITED STATES

### TABLE II.-CRUDE DEATH RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Bates per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

	area	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921
1	UNITED STATES (death- registration States)	17.2	16.4	15.5	15.6	16.4	15.9	15.7	15.9	14.7	14.2	14.7	13.9	13.6	13.8	13.3	13.2	13.8	14.0	16.1	12.9	13.0	11.5
	GEOGRAPHIC DIVISIONS										,												
2	New England	18.2	16.9	16.2	16.7	16.3	16.6	16.4	16.9	15.7	15.5	16.3	15.7	15.2	15.2	14.8	14.7	15.4	15.4	20.6	13 9	14.1	12.4
3	Middle Atlantic							16.5	16.6	15.5	15.2	15.8	15.0	14.6	14.9	14.5	14.4	15.1	15.1	20.4	13.6	13.8	12.3
4	East North Central														~					15.7	12.3	12.7	11.1
5 6	West North Central																						
7	East South Central																						
8	West South Central																						
9	Mountain	[																					
10	Pacific			~							****									15.5	12.7	12.5	11.5
	NEW ENGLAND																						
11	Maine				15.8	16.3	15.9	15.9	16.3		15.5		16.0		15.2	15.5	15.5	15.7	15.0	19.2	14.7	15.4	14.0
12	New Hampshire	18.5	16.9 16.5	16.3 14.9	17.7 16.1	16.7 15.8	17.2 16.8	16.1 16.5	17.6 16.1	16.7 15.9	16.8 15.7	17.3 16.0		16.4 15.1	17.0 15.8	16.2 15.0	16.0 14.6	16.1 15.8	16.7 14.8	21.9	14.7	15.2 15.7	13.6 14.1
14	Massachusetts				16.7	16.3	16.7	16.2	16.9			16.1		15.2	15.1	14.5	14.3	15.1	15.2	21.3	13.8	13.8	12.1
	Rhode Island	20.4			18.8	17.2	17.1	17.4	17.6	15.9		17.1		15.3	15.1	14.6	15.0	15.9	15.8	20.6	14.1	14.2	12.3
1.6	Connecticut	16.0	16.0	15.1	15.9	15.7	16.1	16.2	16.5	14.9	15.0	15.6	15.3	14.7	14.7	14.8	14.5	15.6	15.7	20.6	13.4	13.6	11.4
	MIDDLE ATLANTIC																						
	New York				16.4	17.9	17.0	17.0	17.3	15.9	15.7	16.2		15.2	15.4		15.1	15.4	15.4	19.5	14.0	14-1	12.5
18	New Jersey				16.2	17.3	15.8	15.9	16.1	14.8	14.6	15.5			14.4		14.0	15.1	14.7	20.7	13.0	12.9	11.5
19	Permsylvania							16.1	16.0	15.2	14.7	15.5	. 14. 2	14.0	14.5	13.9	13.8	14.7	15.0	22.2	13.4	13.8	12.4
	EAST NORTH CENTRAL																						
20	Ohio		13.8	12.8	12.3	13.7	13.1	12.7	12.8	12.7	12.9	13.7 13.4		13.4 12.8	13.7 13.0	12.7 12.6	12.6 12.3	13.6 13.2	14.0 13.7	16.9 16.1	12.8	12.8	
	Illinois		13.0	12.0	12.3	10.1	10.1		12.6	12.1	12.5	13.4	12.0	12.0	13.0	12.0		13.2	10.1	16.4	12.1	12.4	
23	Michigan	14.0	13.4	12.7	13.8	13.6	13.4	14.1	13.5	13.4	13.1	14.1	13.0	12.9	13, 2	12.5	12.4	13.7	13.7	15.5	12.7	13.8	11.4
24	Wisconsin									11.8	11.8	12.0	11.4	11.2	11.4	10.9	10.5	11.6	11.5	13.5	10.8	11.1	10.1
	WEST NORTH CENTRAL																						
	Mirmesota											10.9	10.4	9.5	10.4	10.5	10.0	10.5	10.3	13.7	10.6	10.7	9.4
	Iowa													30.0	20.0	77.0	55-5					30.5	
27 28	Missouri												13.1	12.6	12.2	11.9	11.7	12.5	13.2	16.1	11.9	12.5	10.8
29	South Dakota							8.6	9.3	9.4	8.7								~~~~				
30	Nebraska																	****				10.0	9.2
31	Kansas															10.5	10.8	11.6	11.9	15.4	10.9	11.5	10.2
	SCUTH ATLANTIC																						
32	Delaware																				15.6	14.9	13.7
33	Maryland							16.0	16.5	15.9	15.5	16.0	15.6	12.5	15.7	15.3	15.2	15.9	16.5	22.9	15.2	14.6	13.4
34	District of Columbia	22.3	21.3	19.9	20.1	20.6	20.1	20.2	20.0	19.1	19.0	19.5	18.3	18.4	16.8	15.9	18.0 13.4	18.1	17.4 13.7	22.9 18.6	14.3	14.7 13.0	
35 36	Virginia														13.6	13.4	10.4	13.3	1.5.1		13.3	15.0	11.5
37	North Carolina																	12.5	13.4	17.0	12.2	12.6	11.1
3B	South Carolina														!			13.6		18.5	1,3. 7	14.1	12.0
39	Georgia																				13.2	13.2	11.8
40	Florida		-~																		13.6	13.6	11.6
	EAST SOUTH CENTRAL																			,,,,	12.7		
41	Kentucky												13-1	12.7	12.9	12.7	12.1	12.5	13.6 13.2		12.4	11.8 12.2	10.5 10.6
43	Alabama																						
44	Mississippi									****				~							12.7	12.2	10.9
45	WEST SOUTH CENTRAL																			<b></b>			
	Louisiana																			18.5	13.1	11.9	10.9
47	Oklahoma																						į į
48	Toras																						i }
	MOUNTAIN																						
	Montana											10.5	10.1	9.9	11.6	10.7	10.8	11.9	13.1	18.0	10.8	9.7	8.6
50	Idaho																						
51 52	Wyoming							13.8	15-1	14-4	14.2	13.6	13.1	12.0	12.2	12.0	12.2	11.1	11.9	19.5	12.8	14.6	12.4
53	New Mexico							20.0		7.2. 2													
54	Arizona														~								
55	Utab											10.8		9.8	10.8	9.9	9.7	10.3			11.0	11.5	10.5
56	Nevada																						
	PACIFIC						, j																
57	Washington									9.3	9.8	10.0	9.3	9.6	9.4	9.3	9.6	9.4					9.4
58	Oregon																37.0	77.0	17.7		11.5		
59	California							14.5	15.1	14.5	13.6	13.5	15.4	15.8	15.7	12.8	13.0	13.0	13.3	17.7	13.6	13.3	16.5

Exclusive of deaths emong armed forces oversess. Rates for all areas based on total population present in area.

NOTE. -For discussion of population base, see section on "Population estimates" in text.

# SUMMARY AND RATE TABLES

# UNITED STATES, EACH DIVISION AND STATE, 1900-1948

death-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

	-																			-	-							
1	122	1923	1924	1925	1926	1927	1928	1929	1930	1,931	1.932	1933	1934	1939	1936	1937	1938	1939	1940 <sup>1</sup>	19411	19421	19431	19441	19451	19461	19471	1948 <sup>1</sup>	T
1.	.7 ]	12.1	11.6	11.7	12.1	11,3	12.0	11.9	11.3	13.1	10,9	10.7	11.1	. 10.9	11.6	11.3	10.6	10.6	10.7	10.5	10.4	10.9	10.6	10,6	10.0	10.1	9.9	1
11		13.0	12.3 12.3 11.0	12.6 12.3 11.3  11.3  11.5	12.9	11.1	12.5	12.3 11.8 12.4 12.3	11.5 10.4 12.1 11.5	11.6	10.9 10.3 11.1 10.5	10.6 10.2 10.7 10.4 9.6	11.2 10.8 11.6 10.9 9.7	10.6 10.6 9.7	12.0 11.4 11.7 11.4 13.9 11.6 10.5 11.9	11.5 10.6 11.3 11.1 10.2	10.9 10.7 10.1 10.8 10.5 9.5	11.0 10.8 10.2 10.3 10.2 9.4	11.1 10.9 10.3 10.5 10.4 9.6	11.0 10.7 10.2 10.2 10.2 9.2 9.2	11.3 10.8 10.1 9.5 9.5 8.8 10.0	12.3 11.5 10.8 9.8 9.6 8.9 10.0	11.8 11.1 10.8 9.6 9.8 8.9 10.4	11.8 11.1 10.8 9.6 9.8 8.7 10.7	11.1 10.7 10.4 10.2 9.2 9.3 9.3 10.1 9.9	10.8 10.4	9.4 8.6 9.7	2 3 4 5 6 7 8 9
14 14	.5 1 .6 1	5.1	13.9 13.7	14.5	14.5	13.6	13.8 13.7	14.2 14.0 14.7 12.3 13.0 11.5	13.6	12.7	13.5 13.3	13.7 12.9	13.5	13.7	13.7 13.5 13.9 11.8 11.8	13.7 14.0	13.3 12.9	12.9 12.7	12.7 12.8	12.4 12.2 11.7 11.1	11.5 12.2 12.0 11.4	13.3 13.9 13.0	13.4 13.4 12.5	12.5 12.1 12.3 10.9	11.6 12.0 11.7 11.4 10.8 9.9	11.7 11.9 11.2	11.1 11.8 11.1 11.4 10.9 9.8	11 12 13 14 15 16
13 11 12	.1 .9 .3 1	3.1 2.0 3.2	12.8 11.4 12.1	12.7 11.5 12.2	13.4 11.9 12.6	12.6 10.8 11.4	13.1 11.3 12.2	12.7 11.6 12.1	11.7 10.7 11.5	11.7 10.8 11.5	11.4 10.4 11.2	II.4 10.6 10.8	11.3 10.7 11.2	11.2 10.6 11.1	11.5 11.0 11.6	11.5 11.0 11.8	10.9 10.7 10.8	11.1 10.6 11.0	11.1 10.9 11.2		11.4 11.0 11.2	12.6 11.9 12.1	11.9 11.3 11.7	12.0 11.4 11.6	11.1 10.1 10.5	11.1 10.3 10.5	11.1 10.0 10.4	17 18 19
10	.9 1	1.6	10.7	11.2	12.7	11.0	12.6	12.3 12.7 11.5 11.7 10.7	12.1	11.9	10.8	10.7	12.2 11.3 10.5	11.8 11.0 10.6	12.6 11.9 11.2	12.1 11.2 10.8	10.9 11.3 10.8 10.0 10.0	11.6 11.0 10.1	11.4 11.8 11.2 9.9 10.1	11.4 10.8 9.9	11.0 9.9	12.2 11.6 11.8 10.5 10.8	11.7 11.2 11.5 10.0 10.7	11.4 11.3 11.8 9.9 10.9	10.4 10.3 11.1 9.4 10.2	10.5	10.3- 10.1 10.8 9.1 9.9	20 21 22 23 24
11  9	.2   1	0.5 2.2  9.6	9.8 11.5 7.6 9.3	11.7 7.8  9.3	10.1 10.5 12.0 8.2 9.3 10.4	10.0 11.4 7.9  9.1	10.3 12.6 8.5 		10.6 11.8 7.9 8.5 9.6	10.4 12.0 7.6 8.5 9.4	9.8 10.4 11.8 7.7 8.3 9.4 10.4	10.3 11.4 8.2 8.9	8.9 9.5 9.8	10.5 11.6 8.9 9.4 9.7	10.2	.10.7 12.0 8.4 9.1 9.9	11.4 8.1 8.4 9.1	10.5 11.3	9,6 10,4 11,5 6,2 ,8,5 9,6 10,4	9.5 10.2 11.2 8.6 8.8 9.5 10.3	9.6 10.1 10.8 8.3 9.1 9.8	10.4 10.9 11.7 9.6 9.8 10.2	10.3 11.0 11.6 9.9 10.3 10.2	10.4 10.8 11.9 10.0 9.9 10.1 10.3	9.8 10.1 11.1 9.3 9.9 9.6 9.6		9.5 10.0 11.0 8.7 9.3 9.8 9.8	25 26 27 28 29 30 31
14 11 11 12 10	0 15 9 15 4 13 4 13	5.7 2.7 1.6 2.2	14.4 12.0 11.7 13.4 11.9	15.9 15.2 12.1 10.8 11.2 12.8	14.4 15.8 12.7 11.2 11.7 13.6	13.2 14.7 11.8 10.2 10.9 12.5	13.5 15.1 12.4 10.3 11.7 14.0	13.5 15.4	13.2 15.1 12.5 10.5 11.3 12.8	13.1 25.3 12.1 10.0 10.3 11.8	12.5 15.5 11.6 10.0 9.5 11.1	12.2 14.9 11.3 9.2 9.2 10.7	12.3 14.6 12.0 9.8 10.5 11.7	12.3 14.0 11.7 9.9 9.9 11.1 11.4	12.6 14.5 12.3 10.7 10.5 11.6	12.6 14.2 11.7 10.3 9.9 11.1	12.4 11.8 12.5 11.0 9.5 9.7 11.1 10.8 11.9	11.6 12.6 10.6 9.3 9.0 10.2 10.2	12.1 12.0 12.7 10.9 9.2 9.0 10.7 10.5 12.0	11.9 11.5 11.3 10.9 9.3 8.7 10.4 9.9 11.4	12.3 11.3 10.9 9.6 9.0 8.1 9.1 10.4	12.9 12.1 10.8 9.7 9.7 8.2 9.4 9.5 10.5	12.3 11.4 9.8 9.3 9.7 8.2 9.3 9.4 10.7	12.1 11.6 10.2 9.7 9.7 8.3 8.8 9.4 10.3	11.6 10.4 10.2 9.4 8.9 7.9 8.6 8.8 10.8	10.7 9.8 9.7 9.2 8.2 8.8 9.3	11.6 10.6 9.7 9.5 9.3 7.9 9.0 9.3	32 33 34 35 36 37 38 39 40
10. 10. 10.	6   11	1.6	11.2	11.5	12.5	11.1	12.0 12.1	12.1 12.3	11.5	10.6	10.5	10.7 10.3 10.0 10.5	10.9	10.8	11.9 11.7 11.1 11.5	10.8	10.6 10.4 10.5 10.6	10.0 10.0	10.4 10.2 10.5 10.6	10.7 9.8 10.2 9.9	10.0 9.4 9.2 9.0	10.4 9.8 9.4 8.9	10.5 10.1 9.5 9.1	10.6 10.2 9.4 9.0	9.9 9.5 8.7 9.3	10.1 9.5 9.2 9.5	9.7 9.4 9.1 9.5	41 42 43 44
11.			12.6	12.7	12.1	10.0	10.8 12.1 8.9	10.5 11.9 9.0	10.2 11.7 8.2	9,6 11.0 7.8	8.8 10.7 8.0	9.0 10.5 8.5 9.9	8.9 10.4 8.9 9.9	8.5 10.5 8.8 10.1	9.7 11.4 9.8 10.7	9,1	8.8 10.7 8.6 9.6	8.5 10.5 8.7 9.5	8.7 10.8 8.8 9.7	8.3 9.8 9.7 9.2	8.0 9.3 9.1 8.8	8.2 9.6 8.6 8.9	7.7 9.5 8.9 8.9	7.9 9.3 8.4 8.7	7.5 8.8 7.9 8.5	7.8 9.3 6.2 8.8	7.7 9.2 8.1 8.7	45 46 47 48
9, 8. 9, 13.	5 7 3 10 7 12  5 9	.6 .5 1		7.8 8.8 12.3	8.8 8.8 12.1	9.5 9.0 12.7	15.3	9.1 9.0 12.6 15.3 15.8	10.1 9.4 9.2 12.7 15.4 15.3 9.9 12.7	14.1 13.7 8.7	13.5 12.0	8.9 8.6 11.4 12.9 12.2	9.5 9.1 11.9 13.2 12.2	9.7 9.7 12.4 13.2 13.0	10.1	9.6 10.1 12.8 12.7 14.4	10.4 9.0 9.1 11.5 11.6 12.4 9.1	11.3 11.9 8.7	10.2 9.2 8.4 10.9 10.4 11.5 8.9 12.5	10.1 8.5 8.2 10.6 10.6 11.3 8.0	10.4 8.8 7.6 11.2 10.0 10.6 8.3 13.2	11.4 8.7 8.2 11.1 10.5 9.9 8.2 12.0	12.3 8.3 8.6 11.1 10.8 11.3 8.6 11.5	12.1 8.7 8.8 11.8 11.1 11.8 8.3 11.8	11.6 8.6 8.3 10.9 10.8 10.5 7.8 12.3	8.9 9.0 11.2 10.3	10.7 10.0 10.1 7.8	49 50 51 52 53 54 55 56
10 11 13	9, 10, 12,	.7 .8 1 .8 1	9.9 1.1 2.5	10.2 10.9 12.0	10.3 10.9 12.0	10,4 11.0 12,0	10.8 11.2 12.4	10.6 11.3 11.8	10.7 11.0 11.6	10.5 10.6 11.6	10.6 10.6 11.5	10.6 10.7 11.4	11.1 10.7 11.2	11.4 11.4 11.7	11.9 12.1 12.0	11.5 11.8 12.3	11.0 11.1 11.5	10.9 10.9 11.4	11.4 11.2 11.5	10.5 10.6 11.0	10.7 11.3 10.8	11.1 31.1 10.7	10.4 10.2 10.5	10.1 10.1 10.3	9.6 9.3 10.0	9.3 8.8 9.9	B.7	57 58 59

#### TABLE III.-INFANT MORTALITY RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. For each State, rates are shown from the year of its admission to the

=	ARKA	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
			1010													
1	UNITED STATES (birth- registration States)	99.9	101.0	93.8	100.9	86.6	85.8	75.8	76.2	77.1	70.8	71.7	73.3	64.6	68.7	67.6
	GEOGRAPHIC DIVISIONS											·				
2	New England Middle Atlantic	103.9	102.5	97.5	110.9			78.7 80.4	80.9 81.8	80.9 79.6	71.1 73.2	73.5 73.8	74.6 75.4	65.8 63.6	64.7 67.9	65.4 64.6
4	East North Central								72.8	76.7	68.5	71.1	73.1	63.1	65.2	64.4
5	West North CentralSouth Atlantic														60.2	78.6
6	East South Central													65.6	74.6	73.4
8	West South Central															90.1
10	Pacific					67.4	70.7	61.8	67.3	67.6	63.3	64.1	60.2	59.2	57.7	58.7
	NEW ENGLAND															
11	Maine	105.4	108.2	93.3	101.2	90.6	101.6	88.0	86.5	88.5	80.8	76.3	80.0	80.0	72.5	77.4
12	New Hampshire	109.6 85.5	114.7 93.1	109.6 85.0	113.5 93.0	93.1 85.5	96.2	86.7 77,8	79.8 73.1	93.2 76.0	79.5 70.2	76,2 72.4	78.7 72.0	69.2 69.8	69.4 65.2	68,2 65.8
14	Massechusetts	101.0	100.2	97.9	112.7	88.1	90.9	76.0	81.2	77.8	67.6	73.0	73.1	64.5	64.3	61.8
15 16	Rhode Island	120.3 107.1	111.2	107.5 93.8	125.6 107.2	86.3	91.9	92.7 73.1	85.2 77.3	94.3 76.5	79.9 68.7	72.8 73.3	82.0 72.1	66.5 58.8	67.2 58.6	72.0 64.4
	MIDDLE ATLANTIC	207.2	404.0	33.0	201.2	00.5	32.3	'0.2	711.0	1010		.0.0	,,,,,	٠٠	0.0	0101
17	New York	99,3	94.1	91.4	96.8	83.6	86.3	75.4	77.0	72.1	69.2	67.6	70.5	59.4	65,0	60.8
18	New Jersey							74.1	78.6	71.6	70.0	68.9	70.1	61.3	65.2	60.1
1.9	Pennsylvania	109.8	114.2	111.0	128.5	100.0	97.1	87.7	88.2	90.4	78.5	82.0	82.4	69.0	72.1	70.5
20	EAST NORTH CENTRAL								<b></b>						4	<b>80</b> 5
21	Indiana			92.1 85.8	94.1 87.0	89.6 79.0	82.9 81.8	75.1 71.2	71.7 67.4	74.7 71.0	66.6 65.2	69.6 67.9	75.9 72.4	61.8 58.8	66.1 62.5	68.8 63.6
22	Illinois								76.1	81.9	71.0	72.5	69.4	64.4	64.2	61.4
23	Michigan	86.0	96.1	88.3 77.8	89.1 79.0	89.7 79.6	917 76.5	78.6 72.1	74.5 70.8	80.3 69.9	72.3 64.7	75.3 67.2	77.2 69.1	67.7 59.1	69.4 61.4	66.4 59.6
	WEST NORTH CENTRAL															
25	Minnesota	70.2	69.7	67.4	70.9	67.0	66.4	58.8	57.9	61.7	56.7	60.3	57.6	51.9	53.6	51.2
26 27	Iowa										54.9	56.0	58.7	55.5	53.0	52.6
28	North Dakota										66.7	71.6	69.2	59.7 63.4	65.6 59.5	62.1 67.2
29 30	South Dakota															
31	Kansas			77.5	79.5	69.7	64.2 73.1	58.6 62.5	56.7 64.8	57.3 62.9	55.3 59.0	57.7 61.7	59.2 65.3	51.2 55.5	52.8 59.0	51.7 57.6
	SOUTH ATLANTIC															
32	Delaware				~~~~~			97.6	100.2	104.0	95.0	90.5	93.4	70.6	78.4	81.2
33 34	Maryland	111 1	121.0	119.9	140.4	105.4	104.1	93.6	94.1	94.6	86.2	90.0	87.1	81.5	79.6	79.9 70.7
35	Virginia	111.1	106.0	97.4 97.8	111.6	85.3 91.0	91.0 83.6	83.5 78.7	84.9 76.8	91.8 84.0	76.0 77.6	87.4 80.8	85.0 83.7	67,6 75.5	65.1   75.9	78.8
36 37	West Virginia	~~~~~										79.8	81.8	71.9	70.1	77.6
39	South Carolina			99.6	101.8	84.3 113.1	84.9 115.8	75.0 96.1	79.5 92.9	61.0 96.3	82.3 101.6	78.8	82.3	79.1	65.7 96.5	79.1 91.0
39	Georgia								~-~						91.6	76.3
40	Florida										81.8	74.2	74.8	67.4	67.1	65.5
41	EAST SOUTH CENTRAL Kentucky			87.1	93.3	91 2	72 1	61.0	E0 3	77 8	64.6	70.5	75.5	61.0	69.6	70.9
42	Tennessee					81.6	73.1	61.9	69.2	71.6				71.1	80.9	77.1
43 44	Alabama									60.7	71 7		70.0	64.4	75.0	73.6
	West South Central							68.4	68.0	68.1	71.3	68.5	70.0	66.8	73.6	72.1
45	Arkansas													60.9	66.9	58.1
46	Louisiana													77.4	78.4	74.0
48	Oklahoma														69.0	70.2
	Mountain															
	Montana					_							,,,			
49 50	Ideho					<b>.</b>			70.2	71.5	66.9	70.9	76.9 63.0	66.4 50.0	61.4 59.0	64.0 55.3
51	Wyoming								78.6	79.6	64.3	63.9	75.9	68.9	67.8	70.3
52 53	Colorado														89.4	91.4 145.5
54	Arizona												121.2	130.1	141.5	133.3
55 56	Wevada			69.4	64.0	71.0	71.4	72.8	89.0	59.1	64.4	55.8	74.9	54.3	58.9	59.1 67.2
	PACIFIC							1	]			!				
57	Washington			69.3	68.9	63.1	66.4	55.5	61.7	56.5	56.2	56.4	56.4	49.8	48.1	49.0
58 59	Oregon————————————————————————————————————					62.7 70.5	61.8 74.4	50.9 66.5	58.5 71.1	57.3	55.6 67.1	51.1 68.7	52.5 62.7	47.5 62.3	46.6 62.2	47.9 63.2
	**************************************					10.5	/4.4	00.3	/1.1	73.0	61.17	0047	06.1	02.3	06.6	00.2

<sup>&</sup>lt;sup>1</sup>By place of residence.

# SUMMARY AND RATE TABLES

# UNITED STATES, EACH DIVISION AND STATE, 1915-48

birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	19421	1945	1944	1945	1946	1,947	1,948	$\overline{\Gamma}$
64.6	61.6	57.6	58.1	60.1	55.7	57.1	54.4	51.0	48.0	47.0	45.3	40.4	40.4	39.8	38.3	33.8	32.2	32.0	1
81.5 62.1 58.8 78.0 70.2 88.3 55.8	57-4 61.0 57.8 73.9 62.7 82.0 53.6	54.7 55.2 54.4 50.3 68.4 61.6 71.2 50.0	55.7 52.5 50.7 51.9 68.0 63.9 67.6 76.1 49.3	53.0 52.8 52.9 53.1 74.8 67.8 66.5 74.5 48.6	49.4 46.9 48.1 50.0 67.7 60.1 64.4 77.5 47.8	48.6 48.3 49.9 70.8 65.2 65.4 77.7	46.8 46.4 46.7 47.3 51.7 60.4 66.4 74.7	42.5 42.6 42.6 43.6 65.8 60.6 60.6 88.3 42.3	39,8 41.7 40.6 40.3 58.0 55.7 60.2 83.7 40.6	39.3 39.9 39.1 39.3 57.1 55.9 61.1 61.7 38.0	36.8 36.5 37.7 39.0 60.6 57.2 53.7 55.7	34.1 34.1 35.4 34.8 50.4 48.1 48.6 54.3 34.1	36.8 34.8 37.0 35.4 47.8 46.5 46.7 51.5 54.3	35.1 35.7 35.6 34.3 46.6 45.5 46.0 50.4 34.1	33.1 34.2 34.5 32.7 44.5 44.9 44.2 51.9 32.5	31.8 30.5 31.2 31.0 37.8 38.5 37.7 42.1 30.8	28.7 29.3 29.9 29.9 35.5 36.9 37.6 39.7 28.7	27.1 27.6 29.1 28.2 35.4 38.2 40.7 42.0 28.0	3 4 5 6 7 8 9
75.7 61.4 64.8 60.1 61.8 56.0	71.5 57.3 59.9 54.5 60.8 53.8	63.1 58.9 63.2 52.9 57.2 49.4	66.3 55.9 53.0 52.0 55.5 48.4	70.6 60.7 52.6 49.0 53.9 48.8	63.0 53.9 48.6 48.3 47.2 42.7	64.1 46.2 58.0 46.5 48.2 42.0	65.3 49.1 49.5 44.1 47.6 40.4	56.2 47.6 48.4 39.9 43.8 36.3	52.4 45.8 45.6 37.0 39.4 35.9	53.5 40.0 45.0 37.5 38.2 34.1	51.2 36.5 43'.9 35.3 35.8 81.1	46.1 35.9 41.7 32.0 39.5 29.2	51. 4 43. 4 39. 7 34. 8 43. 3 29. 4	46.6 36.5 41.6 33.4 36.5 30.7	45.2 34.7 34.4 32.1 29.7 29.6	41.0 30.4 34.2 32.0 29.4 28.0	35.7 29.7 30.7 28.4 28.2 25.4	32.4 27.8 28.5 27.1 25.8 24.4	12 13 14 15
58.8 56.5 68.0	57.4 56.8 66.7	52.8 50.2 60.0	53.6 46.3 53.4	51.9 49.1 55.0	48.0 46.2 50.8	47.0 44.3 51.2	45.1 39.4 50.3	40.6 39.5 45.9	39.3 38.7 45.6	37.2 35.6 44.7	33.1 36.2 40.7	31.9 31.1 38.2	32.9 33.9 37.6	32.9 34.5 39.9	32.0 32.6 37.9	29.2 28.8 32.8	28.3 28.1 31.0	27.4 26.5 28.4	18
60.7 57.7 55.8 62.7 55.7	80.0 57.6 58.6 57.0 53.1	58.5 54.7 52.8 54.0 50.4	52.7 53.0 49.0 50.5 48.5	53.7 56.5 52.8 52.0 49.4	50.4 50.8 45.9 47.7 46.0	51.2 50.7 46.8 50.7 47.7	49.6 49.7 43.1 47.9 43.4	43.3 42.5 40.9 44.6 41.8	42.9 39.5 38.0 41.9 40.2	41.4 41.9 , 35.3 40.7 37.2	40.8 39.8 34.0 38.7 35.1	37.0 36.6 33.1 37.2 32.0	39.3 . 40.0 . 33.1 . 38.3 . 35.1	39.8 34.6 32.4 39.1 32.1	36.5 36.1 31.8 35.9 31.4	31.3 31.5 30.3 32.8 30.2	29.5 30.5 28.8 31.5 29.6	30.5 29.7 27.6 30.0 26.5	
52.5 53.9 58.6 61.7 49.4 52.6	50.6 49.0 62.8 58.8 48.8 47.9	47.2 47.9 57.2 55.5 50.4 43.4 48.1	47.6 48.3 55.4 60.0 54.8 49.3 53.5	47.2 50.6 63.1 57.3 58.0 45.5 48.5	44.7 47.1 56.9 59.4 52.5 41.2 50.3	44.4 48.2 57.9 49.7 47.8 44.1 51.8	40.8 44.2 56.5 52.4 51.1 42.1 44.4	38.8 40.5 51.5 49.8 43.8 36.4 43.0	35.8 38.8 45.1 49.0 41.4 36.5 39.4	33.3 36.7 46.9 45.1 39.2 35,7 38.1	34.5 36.5 46.5 37.8 40.9 34.4 57.8	29.6 33.5 39.0 36.5 38.2 33.4 35.5	31.2 34.1 40.1 35.4 35.1 35.6 33.9	31.8 53.5 37.5 36.3 34.0 32.9 33.5	31.5 30.1 37.7 30.4 30.4 28.6 53.0	28.7 30.4 33.4 34.2 30.2 30.2 30.4	28.9 29.7 32.5 30.9 31.3 28.0 28.8	27.0 26.7 30.3 29.4 31.3 27.5 27.0	25 26 27 28 29 30 31
78.5 75.3 70.8 77.3 81.0 78.6 88.7 77.4 64.2	81.7 80.5 67.0 76.3 77.2 72.9 81.0 68.3 63.9	67.1 69.0 72.9 67.2 75.0 66.5 77.2 64.4 61.1	60.4 65.8 67.2 68.5 68.2 66.0 78.2 66.7 62.9	61.4 70.4 65.3 72.6 67.4 77.9 83.0 78.9 68.2	66.4 62.0 59.4 69.6 60.6 68.8 79.3 68.3 61.9	64.5 69.1 72.4 73.9 71.2 68.9 70.0 59.4	63.8 61.5 60.8 69.7 61.8 65.5 75.6 61.7 59.8	52.8 55.7 48.1 66.2 62.3 68.6 80.3 67.7 57.9	44.0 50.3 47.7 60.9 54.7 59.2 66.2 58.4 56.4	48.9 49.6 47.0 59.3 53.9 57.4 68.1 57.9 53.6	43.0 52.6 50.8 66.9 61.1 59.8 75.0 58.2 52.8	47.0 43.9 50.8 52.5 53.0 48.3 58.7 49.3 47.7	45.1 44.8 41.0 48.5 52.7 45.6 55.1 46.4 45.0	47.9 42.9 39.3 48.3 52.4 45.1 54.8 44.9	37.8 38.9 40.3 48.6 52.7 43.0 49.8 42.3 41.1	29.0 34.4 35.5 39.8 41.0 37.3 41.4 35.5 38.3	29.8 32.2 36.9 38.0 34.8 39.5 34.5 36.9	26.2 29.8 23.9 39.4 40.7 35.2 40.0 34.3	32 34 35 36 37 38 39 40
65.4 75.7 72-1 67.7	65,0 67.5 61.4 55.9	63.3 67.6 60.9 53.6	58.1 69.3 65.1 63.6	64.9 73.7 67.8 64.8	58.7 64.0 62.8 53.9	66.8 68.5 66.8 58.2	59.1 61.1 62.4 58.9	61.3 63.5 60.8 56.7	52.6 53.9 59.9 56.2	52.8 54.7 61.4 54.3	58.6 55.3 59.5 54.7	48.4 46.4 50.1 47.3	49.7 45.1 44.9 46.7	46.8 46.1 45.3 43.6	46.9 48.1 43.8 .40.3	39.5 39.5 37.8 36.7	37.0 37.0 37.4 36.2	39.2 38.5 38.0 37.0	41 42 43 44
51.5 78.2 60.7	49.0 65.9 51.5	45.3 64.8 50.0	54.4 70.1 56.4 75.5	54.1 69.1 60.5 71.9	47.1 69.4 54.6 71.7	50.9 71.9 60.0 71.2	54.5 65.6 56.6 73.9	51.4 67.1 49.0 65.1	46.0 63.0 49.7 67.0	45.7 64.2 49.7 68.6	44.0 57.8 47.5 56.9	39.7 48.2 41.4 53.6	35.8 44.9 41.7 51.7	55.2 46.2 40.2 50.9	30.8 43.4 39.3 49.3	27.0 37.4 32.6 42.0	28.8 37.4 32.0 41.3	27.6 38.3 33.9 46.4	46 47
58.5 57.1 69.3 94.3 145.4 116.6 57.4 68.3	60.5 55.9 66.8 81.0 134.4 109.6 51.4 74.4	51.4 43.4 57.0 71.5 119.4 95.9 44.2 69.8	51.5 47.2 54.7 68.9 136.1 111.4 47.6 73.2	53.5 50.3 53.0 72.7 126.3 103.5 49.2 59.3	60.0 51.0 51.1 72.7 129.3 111.7 49.3 71.0	57.0 51.4 57.6 74.1 121.8 119.6 52.7 69.8	50.5 43.7 55.6 73.5 125.7 120.7 41.4 40.2	45.5 44.6 51.8 60.2 108.7 98.8 46.8 47.7	49.0 45.9 45.5 54.8 109.0 94.3 39.5 44.8	46.2 42.3 46.3 59.8 99.6 84.3 40.6 51.9	37.2 34.5 43.8 52.2 95.4 88.3 29.9 42.2	33.7 36.2 45.1 49.7 97.9 80.1 33.0 57.2	59.0 31.3 37.4 49.9 89.3 69.4 31.2 49.8	36.1 33.0 39.0 48.8 85.2 63.2 33.6 44.6	34.4 33.8 40.6 49.4 95.7 64.4 31.3 40.9	35.0 32.3 33.2 40.2 76.3 41.5 27.2 40.1	32.4 28.8 33.9 37.2 65.5 50.6 25.5 32.9	31.0 29.6 36.9 38.3 68.3 55.9 27.9 38.9	53 54 55
48.7 50.0 58.7	48.3 43.7 56.7	45.2 41.3 52.7	38.8 40.3 53.7	43.2 39.8 51.7	45.2 11.2 49.6	45.4 44.3 53.1	39.9 41.5 53.8	38.7 39.2 43.7	36.8 35.5 42.4	35.7 32.9 39.4	35.0 30.7 36.7	33.1 30.5 34.8	34.9 29.9 34.7	34.1 30.4 34.7	33.9 28.8 32.6	33.0 27.5 30.7	27.7 25.0 29.4	27.1 25.8 28.5	58

#### TABLE IV.-STILLBIRTH RATIOS BY PLACE OF OCCURRENCE:

(Includes all reported stillbirths, regardless of stated period of geatation. Ratios per 1,000 live births. For each State, ratios are shown from 1922 or from the became a part

	AREA	1922	1923	1924	1925	1926	1927	1926	1989	1930	1931	1932	1933
ı	UNITED STATES (birth- registration States)	39.4	38.9	39.3	39.1	38.1	38.8	40.2	39.5	39.2	38.2	37.8	37.0
2 3 4 5 6 7 8	GECGRAFHIC DIVISIONS  New England	37.4 40.9 36.7	37.7 41.1 36.4	37.2 41.0 36.1	36.7 39.7 35.3	36.5 40.2 35.5	36.0 39.5 35.0 	35.0 40.5 35.2 53.9 45.6	33.8 38.7 34.7  53.7 45.8	33.9 38.6 34.0 54.2 46.2	33.3 39.0 33.2 51.5 43.0	33.2 38.7 31.7 51.8 51.8 42.4	32.7 38.9 31.0 29.7 49.4 43.5 58.1
. 9	Mountain								28.4	27.9	27.8	28.1	27.2
10	Pacific	30.6	29.9	29.7	28.5	29.2	27.6	28.3	28.4	27.9	28.1	26.6	25.7
11 12 13 14 15	NEW ENGLAND  Maine	44.9 41.9 29.6 36.5 37.8 35.7	42.5 45.9 31.7 37.3 34.1 37.0	40.4 41.4 33.3 37.9 35.2 34.6	39.6 41.4 30.1 36.2 34.7 37.6	40.7 40.2 31.8 35.6 36.3 36.6	39.2 42.9 31.0 35.8 34.6 34.4	40. 2 38. 6 29. 5 35. 4 33. 6 31. 8	36.9 37.5 29.3 33.8 34.5 30.6	35.7 41.7 28.1 34.9 33.9 29.1	36.6 40.2 27.9 34.8 32.3 27.1	33.9 38.4 30.5 34.0 34.2 28.9	37.0 36.3 31.3 33.9 28.1 27.8
17 18 19	New York	42.5 40.6 39.2	42.7 42.5 38.9	43.7 40.8 38.4	41.9 39.9 37.3	42.4 40.8 37.7	41.3 41.4 36.8	42.8 40.1 38.0	40.9 39.7 36.0	40.9 38.0 36.2	41.5 39.3 35.9	41.6 37.4 35.7	42.7 36.2 35.3
20 21 22 23 24	Ohio	39.4 30.7 36.0 44.1 27.3	38.9 31.0 39.1 39.1 26.7	37.9 33.8 38.6 37.7 28.3	37.8 31.4 36.1 37.0 29.7	37.7 30.6 36.4 38.3 28.9	37.5 31.1 35.1 38.3 28.3	37.0 31.1 36.1 37.8 29.2	37.2 29.4 34.6 37.8 29.9	36.0 29.6 33.6 36.9 29.9	34.7 29.1 34.3 35.5 28.3	33.9 28.6 30.9 34.7 27.4	32.8 26.9 29.8 34.4 28.7
25 26 27 28 29 30 31	WEST MORTH CENTRAL  Minnesota	30.1  30.7 35.0	30.6  30.2 32.4	30.7 33.7 29.9 30.1 29.2	30.3 32.6 	31.5 27.6 27.2 32.7 33.4	29.7 28.7 45.6 29.0 	29.5 26.6 44.7 28.8 31.7 32.9	29.5 30.6 43.8 28.5 30.1 33.7	29.2 31.4 43.1 27.8 27.7 31.1	29.9 31.8 41.9 28.2 	28.7 31.6 41.3 25.8 23.6 27.5 28.2	27.2 28.3 37.9 27.9 22.2 26.5 26.2
32 33 34 35 36 37 38 39	SOUTH ATLANTIC  Delaware	39.3 72.2 54.5 44.3 	38.1 68.7 52.0 44.3 40.9 58.4	43.7 70.6 48.7 46.2 	40.0 67.6 48.8 42.8 38.4 46.4	44.8 68.4 49.8 44.1 38.1 44.9	38.0 72.1 49.5 43.0 38.2 42.8	34.1 69.7 48.6 44.2 38.5 48.4 67.8 58.5	41.8 71.9 47.8 44.4 39.0 47.1 67 2 60.0 63.4	43.4 69.2 49.7 45.2 37.2 48.6 65.6 62.5 64.9	41-1 66-4 45-0 43-8 38-8 45-3 62-0 59-6 56-3	33.8 64.4 43.0 44.4 36.9 46.7 63.9 60.4 56.6	39.0 64.6 43.5 42.9 37.3 41.4 58.9 57.4 56.6
41 42 43 44	RAST SOUTH CENTRAL  Kentucky	35.7  54.4	31.5  53.7	33.3  52.7	33.2 	31.5  51.8	32.7 40.8 49.2 53.2	31.1 42.8 52.0 57.7	32.1 44.1 53.0 54.5	34.1 49.9 52.7 48.6	35.5 42.1 48.9 45.6	33.8 39.9 49.1 47.3	35.9 42.7 47.4 48.5
45 46 47 48	Arkenees Oklehoms Oklehoms Moungain						46.0 53.9 	45.9 58.4 30.8	43.3 53.4 33.8	43.2 52.3 30.2	38.9 49.5 24.4	39.8 50.5 25.7	38.9 50.2 25.8 38.4
49 50 51 52 53 54 55 56	Montana  Idaho	30.2 34.7 	29 3 33.3 	30.7	33.5	31.8 26.3 31.2 29.2 25.5	32.0 24.0 29.3 	34.2 25.5 28.5 30.2 27.6 25.3	28.9 26.3 22.6 35.2 26.0 29.6 22.5	28.7 22.2 30.0 31.7 30.5 28.8 21.9 28.5	32.1 19.8 26.0 30.8 27.9 31.1 23.0 33.5	27.9 27.0 26.4 31.7 31.4 25.3 20.6 47.6	26.2 23.6 20.0 31.8 29.3 30.5 21.4 51.0
57 58 59	Weshington	28.8 31.3 31.1	26.9 32.4 30.4	28.0 31.6 29.9	27 0 30.5 28.6	30.0 31.9 28.5	27.9 30.4 27.0	27.7 28.8 28.4	25.2 31.2 28.9	26.1 28.5 28.3	26.8 27.2 28.6	24.8 25.1 27.3	21.4 26.6 26.8

NOTE. —In table VIII and text tables in Part I, and tables 11 through 16 in Part II, 1948, where specified, figures include only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

UNITED STATES, EACH DIVISION AND STATE, 1922-48

year of its admission to the birth-registration area; for each geographic division, ratics are shown from 1922 or from the year when the division, as a whole, of the area)

1934	1935	1936	1.937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	T
36.2	35.8	34.4	33-4	52.1	32.0	30.3	29.9	28.2	26.7	27.0	-26.6	25.6	23.7	23.5	] 1
30.9 38.1 30.0 29.6 49.1 42.1 37.3 26.6 23.8	30.0 36.0 29.4 30.0 49.4 42.4 36.4 25.4 23.6	28.9 35.5 27.8 28.1 47.3 41.7 36.6 25.9 22.7	28.4 34.6 27.1 26.9 48.2 41.0 35.3 23.9 21.9	27.3 33.8 25.9 26.9 43.9 39.4 33.8 23.7 20.6	26.6 37.9 25.3 25.0 41.3 36.8 34.1 23.1	25.8 39.2 25.0 25.0 39.7 37.1 31.0 22.7 19.3	23.7 38.5 23.7 24.3 37.5 34.4 29.9 22.0 18.8	23.3 37.3 22.9 23.5 35.3 30.8 26.2 21.1 18.1	21.6 35.3 22.8 21.4 32.4 28.3 26.6 20.4	21.5 38.6 23.1 21.4 31.2 27.7 25.8 20.2 18.1	20.9 39.2 22.4 21.1 29.6 27.4 25.5 20.4	20.3 37.9 21.5 20.2 28.3 25.8 24.0 20.0 18.2	17.9 35.6 19.6 18.0 26.2 25.2 22.8 18.4 16.3	17.9 37.6 18.9 17.8 25.4 24.3 22.2 16.9	. 4 5 6 7 8 9
35.3 30.8 32.9 30.9 28.9 28.1	33:8 34.1 28.7 30.2 28.7 26.4	30.8 29.7 28.4 29.5 29.6 25.3	32.9 31.3 30.4 28.1 31.3 23.2	54.5 31.3 26.7 27.1 27.1 22.1	30.4 27.6 27.5 27.5 25.4 21.9	29.4 24.8 25.8 26.8 28.3 20.2	26.6 25.6 20.4 24.6 25.7 19.1	25.1 26.9 23.2 24.6 22.1 19.2	17.2 17.1 26.6 23.4 23.4 19.2	15.7 25.2 24.4 23.2 22.9 18.5	17.9 22.6 20.8 22.9 20.0 . 17.5	16:9 23.0 22.4 22.6 19.3	16.6 20.8 18.7 19.3 16.5 14.9	16.9 19.3 18.8 19.4 16.6	11 12 13 14 15 16
41.2 36.2 35.1	39.7 34,1 32.3	39.6 33.5 31.6	38.0 30.9 31.9	38.3 29.8 29.9	47.8 28.1 29.7	51.9 26.1 28.6	53.3 25.9 25.3	51.4 24.9 24.6	48.7 24.5 22.8	53.6 23.6 25.1	54.6 24.8 24.6	54.7 22.5 22.5	50.9 22.2 21.0	55.4 20.7 21.0	18
32.7 26.7 30.2 31.3 25.4	31.9 27.0 29.6 31.1 25.8	29.8 23.8 27.6 30.0 24.3	28.8 24.0 26.5 29.6 23.8	27.5 21.4 26.2 28.3 23.0	27.0 22.1 25.3 27.1 21.9	25.9 23.0 25.6 26.0 22.0	24.9 20.8 23.7 26.0 19.9	25.2 20.4 21.9 24.7 19.1	23.7 , 20.5 22.1 25.4 20.3	25.2 20.7 22.1 25.0 20.2	24.7 19.8 21.7 24.1 18.9	24.2 19.0 20.9 22.7 17.6	21.1 17.6 18.9 21.1 17.3	20.9 16.6 18.0 20.1 16.9	22
28. 2 26. 9 38. 4 24. 0 25. 4 25. 5 26. 5	27.5 26.9 38.5 25.6 26.6 27.5 27.3	26.2 27.1 36.0 27.0 20.7 22.2 26.2	24.6 25.6 34.7 24.0 20.6 23.2 23.7	24.9 25.4 35.0 21.2 22.2 22.9 23.5	23.5 31.3 22.9 20.4 20.2 22.4	21.5 22.5 32.4 22.2 18.8 23.1 24.7	22.0 21.5 32.4 19.7 17.4 21.2	22.0 20.5 30.6 17.1 19.0 21.9 20.7	20.3 20.3 26.0 18.6 16.3 19.9 18.8	19.3 19.9 26.3 21.1 18.0 20.4 19.1	21.1 19.5 24.6 19.1 16.7 18.7 19.4	20.0 18.5 24.7 18.1 15.8 18.6 17.4	17.3 15.8 22.0 16.8 15.9 17.2	17.8 15.2 22.0 14.4 13.8 17.1 16.4	
33.9 57.9 37.9 43.3 39.4 41.4 56.3 59.3	36.7 55.7 37.9 42.4 39.4 41.3 60.9 61.3 56.1	36.5 48.6 36.9 43.6 37.3 40.9 58.2 59.2 49.4	32.8 47.1 34.0 41.8 39.2 39.7 55.1 57.3 51.3	30.2 43.6 34.1 40.0 39.5 38.5 50.6 52.8 49.3	28.5 - 45.0 28.7 38.9 36.2 36.3 45.7 50.0 45.5	23.9 43.6 25.7 36.8 35.4 47.1 47.6 42.2	27.7 38.2 28.9 37.3 32.6 31.2 44.6 43.0	23.7 57.5 26.4 34.1 34.8 51.1 41.1 38.7 38.0	29. 2 34. 8 25. 6 32. 3 35. 4 26. 6 37. 3 34. 4 34. 2	25.7 33.9 25.9 31.3 33.9 26.3 35.1 33.1	25.2 31.1 22.6 31.2 32.4 25.3 34.2 29.8 30.4	21.5 27.4 33.2 28.6 32.3 23.7 32.2 27.4 30.6	19.7 25.5 21.2 27.0 24.7 24.6 31.9 26.1 27.7	22.4 23.9 20.8 26.8 25.7 24.5 28.1 26.5 24.4	32 33 34 35 36 37 38 39 40
33.6 38.9 49.7 46.4	33.2 40.5 48.2 47.8	36.4 38.9 44.2 . 47.5	34.5 38.6 42.5 . 48.6	32.5 36.4 41.8 47.5	33.0 31.7 40.5 51.1	32.0 29.1 39.9 48.2	30.0 26.2 37.3 45.1	26.5 22.8 33.4 42.2	24.6 22.9 30.3 36.3	23.7 22.8 30.2 34.9	. 23.7 23.8 28.3 34.6	20.7 23.5 29.6 31.1	21.1 22.1 28.3 30.3	19.0 21.6 27.1 30.5	41. 42 43 44
35.7 48.2 27.5 37.8	37.8 49.4 29.0 38.1	38.0 47.4 28.3 35.0	36.0 45.5 27.3 33.9	33.5 42.5 27.1 32.7	35.3 43.2 25.9 33.0	27.0 38.0 25.2 31.5	26.7 37.2 23.1 30.2	28.2 32.0 19.7 25.3	22.9 30.3 20.3 28.1	20.5 28.9 21.3 27.3	20.7 29.2 25.5 25.9	19.3 27.3 21.2 24.8	17.5 27.0 20.3 23.2	19.3 25.8 16.7 22.5	45 46 47 48
24.5 22.5 19.5 32.0 52.7 27.3 19.1 32.1	23.1 22.9 19.7 28.6 26.7 27.9 21.6	21.8 24.7 14.3 30.3 31.5 29.0 20.3 21.8	22.6 23.3 21.2 26.7 24.1 25.3 20.6 24.1	23.4 20.3 18.6 25.0 26.3 27.3 21.2 22.2	19.5 21.6 17.6 26.4 26.1 23.2 21.4 18.5	18.8 21.5 20.0 24.0 28.3 24.8 18.7	19.8 17.5 21.4 24.4 23.4 24.8 19.5 24.3	17.8 20.4 19.5 25.9 25.4 21.2 17.9 22.2	17.9 19.0 20.7 21.9 25.5 25.0 15.8 19.0	16.6 21.3 17.9 21.9 21.1 23.6 15.8 20.6	16.3 18.8 16.8 21.7 23.8 22.7 17.4 24.4	17.0 19.4 17.0 22.6 21.3 21.2 16.5 21.6	15.9 16.4 19.3 19.4 22.2 19.5 14.3 22.2	15.6 14.5 17.3 17.0 20.2 17.7 14.4 20.8	50 51 52 53 54 55
23.1 23.9 24.0	21.3 22.4 24.4	20.0 21.3 23.7	20.1 21.9 22.4	16.9 21.5 21.5	17.5 19.3 21.1	16.7 21.1 19.6	14-7 18.4 19.9	15.5 17.1 18.9	12.9 16.5 18.5	14.0 18.9 19.1	15.5 17.2 19.0	17.4 17.6 ' 18.5	15.6 15.6 16.5	13.9 15.0 16.2	58

# VITAL STATISTICS OF THE UNITED STATES

Table V.—CRUDE BIRTH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-48

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

	`		<u> </u>			,			·	-		<del></del>		
AREA	1935	1936	1937	1938	1939	1940¹	1941 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>	1948 <sup>2</sup>
UNITED STATES	16.9	16.7	<b>1</b> 7 1	17.6	17.3	17.9	18.9	20.9	21.5	20.2	19.6	25.3	25.8	24.2
GEOGRAPHIC DIVISIONS														
New England	15.0	14.7	14.7	14.8	15.0	15.7	17.0	20.3	21.9	20.0	19.4	22.8	23.9	21.9
Middle Atlantic	14.8	14.6	14.7	15.0	14.7	15.3	16.6	19.4	20.4	18.8	18.8	21.1	23.1	21.3
East North Central	15.7	15.8	16.3	17.1	16.4	17.1	18.5	21.2	21.8	20.3	19.8	22.9	25.1	23.6
West North Central	16.6	16.8	16.6	17.0	16.9	17.4	18.2	19.8	21.0	20.7	20.0	22.5	24.8	23.6
South Atlantic	20.5	19.9	20.5	20.6	20.4	20.8	22.0	23.7	26.3	25.7 26.4	24.9 25.2	26.6 27.7	28.7 29.7	27.2 28.1
East South Central	21.4 18.7	20.8 18.2	21.2 18.7	21.9 19.6	21.2 19.2	21.8 20.1	22.5 21.7	24.5 22.9	26.8 25.4	25.8	24.1	25.7	27.2	26.0
Moumtain	20.5	20.5	21.0	21.8	21.4	21.8	21.8	23.2	25.6	26.0	25.5	28.0	31.1	28.9
Pacific	13.2	13.6	14.6	15.4	15.3	16.2	17.3	20.8	23.2	22.3	21.6	23.3	24.8	22.9
NEW ENGLAND														
Maine	19.1	18.5	18.4	18.3	17.9	18.0	19.0	21.6	24.2	22.8	21.2	23.6	27.0	24.6
New Hampshire	16.2	16.0	15.7	16.0	15.9	17.0	17.6	19.0	20.3	18.8	18.1	22.0	24.6	23.8
Vermont	19.8	18.6	18.3	18.2	18.4	19.4	20.0	21.0	23.1	21.7	21.1	23.8	26.5	25.8
Massachusetts	14.3 15.0	13.9 14.8	13.9 14.7	13.8 15.1	14.4 14.9	15.2 15.3	16.3 16.7	19.7 20.6	21.2 21.7	19.4 20.5	18.9 20.2	21.0	23.3 24.9	21.0 22.6
Connecticut	13.6	13.6	15.8	14.4	14.1	15.0	16.9	21.2	22.6	20.0	19.5	21.7	23.1	21.2
COMMeccicac	13.0	1010	10.0	11.1	1111	10.0	10.0	2110	22.0		20.0			41.1
MIDDLE ATLANTIC														
New York	13.9 13.5	13.6 13.4	13.8 13.6	14.1 13.9	13.9 13.9	14.6 14.4	15.8 16.3	18.7 19.9	19.6 20.7	18.4	18.6 19.3	20.8	22.8 23.0	21.2 20.5
New Jersey Pennsylvania	16.5	16.4	16.5	16.7	16.3	16.7	17.7	20.5	21.2	19.2	18.7	21.4	23.6	21.7
* Chillip I Valid			20.0		10.0	107.		5						
EAST NORTH CENTRAL										20.2	20.4	00.7	25.3	D7 0
OhioIndiana	14.8 15.7	15.1 16.0	15.7 16.5	16.4 17.6	15.8 17.1	16.6 18.0	18.3 18.9	21.0 21.0	21.5 21.6	19.7 20.8	19.4 19.9	22.7 23.0	25.7 25.1	23.8 23.6
Illinois	14.5	14.5	14.9	15.8	15.1	15.8	17.4	20.0	20.6	19.3	18.9	22.1	23.3	22.1
Michigen	18.1	18.1	18.4	19.2	18.3	18.8	20.3	23.3	23.7	21.5	20.9	23.8	26.5	24.9
Wisconsin	17.2	17.2	17.5	17.8	17.4	17.5	18.3	21.1	21.9	21.2	21.1	23.7	25.9	24.7
										ł				
WEST NORTH CENTRAL	,,,		22.0	10.7	20.3	10.0	30.5	D) F	22. 7	n, c	20.9	27.0	26.2	24.8
Minnesota	17.1 16.3	17.6 17.0	17.6 16.9	18.3 17.3	18.1 17.2	18.9 17.7	19.5 18.3	21.5 19.6	22.3 20.0	21.6 19.9	18.9	23.8 22.0	24.6	23.2
Mineouri	15.3	14.9	15.1	15.5	15.5	16.2	17.2	18.5	19.9	19.2	18.6	21.1	23.1	21.9
North Dakota	20.5	20.7	19.4	20.1	20.1	20.6	21.5	23.0	25.2	26.6	25.6	28.5	31.5	28.5
South Dakota	19.2	19.5	18.3	18.4	18.7	18.9	20.0	21.6	23.7	24.8	24.4	26.5	28.6	26.8
Webraska	17.1	17.6	16.7	16.9	16.9	16.8	17.2	19.0	20.4	20.8	20.3	21.9	25.0	24.3
Kansas	16.3	16.0	15.7	16.1	16.1	16.1	17.1	19.1	20.9	20.5	19.7	21.5	23.1	22.5
SOUTH ATLANTIC														
Delaware	15.9	15.4	17.2	17.0	16.4	17.0	18.7	21.3	23.9	22.8	22.8	24.3	26.5	24.2
Maryland	16.3	15.9	16.5	17.3	16.8	17.8	20.0	23.3	25.2	23.6	22.9	24.6	26.5	24.8
District of Columbia	15-4	15.6	16.5	16.3	16.3	16.7	17.1	19.0	19.6	19.0	19.6	22.8	25.2	24.1
Virginia	20.0	19.8	19.9	20.3	20.1	21.2	22.6	24.5	27.2	26.4	25.2	26.3	28.6	26.9
West Virginia	22.6	22.0	22.8	22.9	22.1	22.1 22.5	23.0 23.5	23.4 25.2	24.4 27.7	24.1 26.8	23.1 26.2	26.6 28.0	29.3 30.5	27.4 28.8
North CarolinaSouth Carolina	23.4 22.1	22.4 21.3	23.1 21.9	23.0 22.0	22.4 22.7	23.7	25.1	26.0	29.9	28.6	27.5	28.8	30.5	29.1
Georgia	21.1	20.4	20.8	20.7	20.6	21.0	21.9	23.9	26.8	26.7	26.3	27.7	30.3	29.3
Florida	17.4	17.1	17.4	17.6	17.6	17.8	19.1	20.7	24.5	25.2	24.3	24.7	25.7	24.5
										1				
RAST SOUTH CENTRAL Kentucky	21.4	20.6	20.5	22.4	21.6	22.4	22.6	24.4	25.2	25.3	24.3	26.9	28.8	27.0
Temesses	19.1	18.1	18.5	19.0	18.5	18.8	20.3	22.5	25.0	24.5	23.5	25.8	28.0	25.8
Alabana	22.5	21.6	22.0	22.1	21.8	22.3	23.0	25.9	29.1	28.3	26.9	28.8	31.1	29.4
Mississippi	23.1	23.6	24.7	25.1	23.7	24.2	24.5	26.0	28.4	27.9	26.6	30.2	31.7	30.9
WEST SOUTH CENTRAL														
Arkansas	18.6	17.7	16.5	19.2	18.3	19.7	21.0	22.6	23.7	23.2	22.5	24.2	25.6	24.8
Louisiens	18.6	19.2	20.1	21.1	20.8	21.5	8.55	24.5	26.8	26.8	25.2	27.7	29.3	28.3
Oklahoma	10.4	17.7	17.8	19.1	18.7	19.4	22.5	22.7	22.6	23.8	20.5	22.1	23.5	82.0
Texas	18.8	18.1	18.7	19.3	19.1	19.6	21.2	22.5	26.4	26.7	25.2	26.6	28.0	26.8
MOUNTAIN														
Montana	18.7	19.3	19.0	19.7	19.9	20.6	20.8	22.2	23.9	24.4	24.0	27.0	30.9	29.4
Idaho	20.4	21.4	21.1	22.5	21.5	22.3	22.4	22.0	24.6	25.0	23.9	26.4	31.0	27.5
Wyoming	19.1	20.4	19.4	20.6	20.3	20.7	20.5	21.4	23.5	23.6	8.55	23.8	27.6	26.0
Colorado	17.7	17.1	18.0	18.7	18.5	18.6	18.8	21.2	22.9 30.5	23.3	23.3 32.6	26.9 35.1	28.7 37.2	27.5 35.9
Arizona	28.0 19.7	26.5 20.4	27.6 22.2	27.9 22.6	27.2 22.4	27.6 22.8	27.4 21.8	26.9 22.7	26.1	52.9 26.6	25.2	27.7	29.7	27.3
Utah	23.7	23.3	23.5	24.3	23.5	24.1	23.9	27.1	29.1	28.2	27.4	29.3	33.9	30.9
Nevada	14.8	15.1	17.3	18.4	18.6	18.8	18.8	22.3	24.0	25.0	24.6	25.1	29.1	22.5
									]					
PACIFIC														
Washington	14.0	14.4	15.2	16.0	15.6	16.2	17.4	21.6	24.0	22.7	21.9	23.6	24.8	22.7
Oregon	13.1	13.6	14.6	15.1	15.3 15.3	16.0 16.2	16.7 17.4	19.6 20.8	21.5 23.3	19.0 22.7	18.6 22.0	23.6	23.5 25.1	21.5 23.2
California	13.0	13.4	14.5	15.4	15.5	70.5	11-4	20.0	43.3		66.0	63.6	60.1	E3+6

Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 19.1 (1941); 21.5 (1942); 25.0 (1943); 22.1 (1944); 21.5 (1945), 25.8 (1946).

\*Rates for all areas based on total population present in area.

NOTE. - For discussion of population base, see section on "Population estimates" in text.

Table VI.—CRUDE DEATH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-48

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

<i>t</i> =	/HECEM	31VC 01 C	COLDIF WI	Ji Haou							I	<del></del>	<del></del> :	
ARSA	1935	1936	1937	1938	1939 .	1.9401	19411	19421	1,9431	19441	19452	19461	19471	19481
UNITED STATES	10.9	11.6	11.3	10.6	10,6	10.7	10,5	10.4	10.9	, 10.6	10.6	10.0	10.1	9.9
GEOGRAPHIC DIVISIONS			,											
New England	1.1.8	12.0	12.0	11.5	11.6	11.7	11.6	11.6	12.7	12.2	11.9	11.1	10.9	11.0
Middle Atlantic	11.1	11.5	11.5	10.9	11.0	11,2	11.1	11.3	12.4	11.8	11.8	10.8	10.8	10.7
East North Central	11.0	11.8	11.3	10.7	10.9	11.0	10.8	10.8	11.6	11.2	11.2	10.4	10.5	30.2
West North CentrelSouth Atlantic	10.5	11.4	10.6	10.1	10.2	10.2	10.2	10.0	10.8	10.7	10.8	10.1	10.3	10.0
East South Central	11.2	11.8 11.6	11.2	10.7 10.5	10.2 10.2	10.4 10,4	10.2	9.4 9.5	9.7 9.6	9.5 9.8	9.5 9.8	9.1 9.3	. 9.4 9.6	9,3 9,4
West South Central	9.7	10.5	10.3	9.5	9.4	9.7	9.3	6.9	8.9	8.9	8.7	8.4	8.7	8.6
Mormtain	11.5	11.8	11.6	10.6	10.1	10.1	9.7	9.7	9.7	20.2	10.4	9.8	9.9	9.5
Pacific	11.6	11.9	12.0	11.2	11.1	, 11.4	10.8	10.8	10.7	10.4	10.2	9.9	9.6	9.4
. NEW ENGLAND							_				' •			
Maine	13.4	13.7	13.8	12.6	12.8	. 12.5	12.4	12.6	13.6	12.9	± 12.5	11.7	11.3	11.1
New Hampshire	13.6	13.4	13.7	13.3	13.0	12.7	12.3	11.6	13.3	13.3	12.5	11.9	11.6	11.8
Vermont	13.6	14.1	14.2	13.1	12.9	13.0	12.5	12.4	14.2	13.6	12.3	11.8	12.0	11.3
Massachusetts	11.4	11.8	11.8	11,2	11,6	11.9	11.7	11.9	13.0	12.5	12.3	11.4	11.2	113
Connecticut	11.7 10.8	11.9	12.1 10.9	11.9 10.6	.11.2 10.6	11.3	11.2	11.4 10.4	12.2	10.8	10.9 10.8	10.9	11.2 9.1	11.0 9.8
· ·	10.0	10.0	10.5	20,0	10.0		10.0	10,4		10.0	10.0	10.0	7.1	7.0
MIDDLE ATLANTIC														
New York New Jersey	11.2 10.7	11.4 11.1	11.4 11.2	10.9	11.1 10.8	11.1	11.1 11.0	11.4 11.2	12.6 12.1	11.9 11.6	12.0 11.6	11.1	11.1	11.1
Pennsylvania	11.2	11.7	11.9	10.9	11.0	11.0 11.3	11.0	11.3	12.2	118	11.7	10.3 10.6	10.4	10.1 10.4
Bast North Central	• 1								•	,				
Ohio	11.3	11.8	11.7	10.9	11.2	11.4	11.3	11.3	12.2	11.7	11.5	10.5	10.7	10.3
IndianaIllinois	11.9	12.7	12.1	11.4	11.7	11.8	11.5	11.2	11.7	11.3	11.4	10.4	10.6	10.1
Michigan	11.1 10.6	12.0 11.2	11.3	10.9	11.1 10.1	11.3 9.9	11.0 9.9	11.1	12.0 10.6	11.6 10.1	12.0 9.9	11.2 9.4	11.2 9,4	10.9 9.1
Wisconsin	10.1	10.9	10.4	9,9	10.1	10.0	9.8	10.2	10.9	10.7	10.9	10.3	10.2	9.9
WEST NORTH CENTRAL														
Minnesota	9.6	10.4	9.7	9.4	9.5	9.4	9.4	9.4	10.2	10.1	10.2	9.5	9,6	9.3
Tove	10.5	11.4	10.7	10.3	.10.5	10.3	10.2	10.1	10.9	11.0	10.8	30.1	10.2	20.0
North Dakota	11.6 8.9	. 13.0	12.0 8.6	11.4	11.3	11.5	11.2	10.7	11.7	11.6	77.8	11.1	11.4 9.7	11.0
South Dakota	9,5	8.7 9.4	9.2	6.2 6.6	8.4 9.0	5.8 8.8	8,6 9,3	8.3 . 9.4	9.7 9.9	10.0 10.5	10.0	9.5 10.0	9.9	8.8 9.5
Nebraska	9.7	10.3	10.1	9.2	9.4	9.6	9.6	9.9	10.3	10.2	10.2	9.7	10.0	9.8
Kangas	10,8	11.7	10.4	10.1	10.1	10.3	10,3	10.0	10.5	10.2	10.3	9.6	9.7	9.8
SOUTH ATLANTIC					•									
Delaware	12.7	13,1	12.9	12.4	12.0	12.2	11.9	12.3	12.9	12.2	12.0	11.5	11.5	11.4
Maryland	12.3	12.7	12.6	11.8	11.6	12.0	11.5	11.2	12.1	11.3	11.4	10.3	1.0.5	10.4
District of Columbia	13.2	13.5,	13.3	11.9	11.9	11.9	10.5	10.2	10.0	9,2	9.6	9.8	9.6	9.5
Virginia	11.7	12.4	11.8	11.1	10.7	10.9	11.0	9.7	9.7	9,4	9.8	9.4	9.7	9.5
North Carolina	9.9	10.7 10.4	10.3 9.8	9.5 9.6	9.3 9.0	9.2 8.9	9.3 9.7	9.0 8.0	9.7 8.1	9.7 6.2	9.8 8.2	8.9 7.8	9.1 8.2	9.2 7.9
South Carolina	11.2	11.7	11.1	11.1	10.2	10.7	10.5	9.1	9.4	9.3	8.9	8.6	8.8	9.1
Georgia	11.4	12.4	11.3	10.9	10.2	10.5	9.9	9.1	9.5	9.4	9.4	8.8	9.2	9.3
Florida	11.В	12.2	11.7	11.3	11.0	11.3	10.6	9.9	10.1	10.3	9.9	10.3	10.4	10.2
RAST SOUTH CENTRAL														
Kentucky	11.0	12.0	11.4	10.6	10.6	10.5	10.B	10.2	10.6	10.7	30.7	10.0	10.2	9,8
Temnesses	10.6	11.4	10.6	10.2	9.8	10.0	9.6	9.2	9.5	9.7	9.9	9,2	9.2	9.1
Alabama	10.3	11.2	11.0	10.5	10.1	10.5	10.2	9.3	9.4	9.5	9.5	8.8	9.3	9.2
Mississippi	10.3	11.6	11.5	10.7	10.5	10.7	10.0	9,1	9.0	9.2	9.1	9.4	9.6	9.6
WEST SOUTH CENTRAL				ای			١					ا ا	اء	
Louisiana	8.6 10.5	9.9 11.4	9.9	8.9 10.7	8.5 10.4	8.8 10.8	8,4 9.7	8.2 9.2	8.3 9.4	7.9 9.4	8.0 9.2	7.6 8.7	7.9 9.2	7.9 9.1
Oklahoma	9.0	10.0	9.3	8.8	8.9	9.0	9.9	9.3	8.9	9.1	8.6	8.1	8.5	8.3
Texas	10.1	10.7	10.5	9,6	9.5	9.7	9.2	8.9	8.9	9.0	8.8	8.6	8.8	8.7
MOUNTAIN														
Montana	11.7	11.6	11.4	10.5	10.8	10.3	10.2	10.4	11.5	12.5	12.1	11.7	11.8	11.5
Idaho Wyoming	9.9	10.5	9.8	9.2	9.3	9.3	8.6	8.9	8.8	8.4	8.8	8.8	9.1	8.4
Colorado	12.3	10.4 12.6	10.2	9,4	8.9 11.1	8.5 10.8	8.2 10.5	7.6	10.9	8.7 11.0	8.9 11.6	8.1 10.6	8.9	8.4 10.5
New Mexico	12.5	12.5	12.2	11.3	11.0	10.8	10.5	9.7	10.9	10.6	10.7	10.6	10.0	9.8
Arizona	12.6	13.8	13.9	12.1	11.6	11.0	10.2	9.4	8.6	10.4	10.7	9.6	9.4	9.4
Utah	9.5	9.6	9.3	9.0	8.6	8.7	7.9	8.1	7.9	8.3	8.1	7.5	7.8	7.6
Neveda	13.3	14.2	12.9	12.3	· 11.6	12.5	11.6	12.5	11.4	11.4	11.3	11.3	11.7	9.9
PACIFIC														
Washington	11.5	12.0	11.6	11.1	10.9	11.5	10.6	10.7	11.1	10.4	10.1	9.6	9.3	9.0
Oregon	11.3	12.0	11.6	10.9	10.8	11.1	10.5	11.1	10.9	10.1	9.9	9.3	8.7	8.6
California	11.6	11.9	12.1	11.3	11.3	11.4.	11.0	10.8	10.6	10.4	10.2	10.0	9.9	9.6

<sup>&</sup>lt;sup>1</sup>Exclusive of deaths among armed forces overseas. Rates for all areas based on total population present in area. NOTE.—For discussion of population base, see section on "Population estimates" in text.

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# VITAL STATISTICS OF THE UNITED STATES

Table VIL-INFANT MORTALITY RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1939-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births)

AREA	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
UNITED STATES	48.0	47.0	45.3	40.4	40.4	39.8	38.3	33.8	32.2	32,0
GEOGRAPHIC DIVISIONS	=======================================									
New England	39.9	39.2	36.7	34.1	36.7	34.8	32.9	31.7	28.6	27,1
Middle AtlanticBast North Central	41.6	39.9	36.5	34.1	34.8	35.7	34.0	30.4	29.2	27.6
West North Central	40.6 40.4	39.2 39.2	37.7 38.9	35.4	36-9	35.4	34.3	31.2	29.9	29.1
South Atlantic	57.9	57.1	50.6	34.8 50.4	35.2 47.9	34.1 46.9	32.6 45.0	30.8 38.0	29.7 35.7	28.1 35.5
East South Central	55.5	55.7	57.0	48.1	46.5	45.5	45.1	38.5	36.9	38.3
West South Central	60.6 63.6	61.2	53.6	48.6	46.9	46.2	44.1	37.7	37.5	40,6
Pacific	40.4	62.0 37.8	56.3 35.7	54.3 34.1	52.8 34.0	52.0 34.0	53.4	42.3	40.0	42.3
new england		47.0	33.1		34.0	34.0	32.5	30.9	28.1	28.1
Meine	52.5	53.2	51.2	46.1	51.3	46.7	46.3	41.0	35.7	32,0
New Hampshire	47.2	40.9	38.3	35.9	46.1	37.7	36.3	31.4	30.1	29.1
Vermont	45.1	44.5	43.2	41.7	39.0	40.6	34.6	34.0	31.2	28,9
Rhode Island	36.9 39.0	37.5 37.9	35.4 34.9	32.0	34.2	33.1	31.5	31.6	28.1	26.8
Connecticut	36.6	34.0	30.6	39.5 29.2	43.5 29.6	35.3 30.7	28.2 29.9	29.5 27.8	28.2 25.2	26.3 24.3
MYCHDY D. ADD ANDY C						0011	33.0	2	1.0.2	62,0
MIDDLE ATLANTIC	39.1	37.2	33.0	31.9	32.7	32.8	31.8	29.1	28.2	27.3
New Jersey	38.3	35.5	35.8	31.1	33.7	34.0	32.0	28.5	27.9	26,5
Pennsylvania	45.7	44.7	40.9	39.2	37.9	40.0	37.9	33.0	31.1	26,4
BAST NORTH CENTRAL							:			
Ohio	42.9	41.4	40.8	37.0	39.1	38.5	36.5	31.3	29.5	30.5
IndianaIllinois	39.6   38.1	42.1	39.9	36.6	39.6	34.5	36.0	31.5	30.6	29.8
Michigan	41.8	35.3 40.7	34.2 39.7	33.1 37.2	35.3 38.3	32.4 37.9	31.6 35.8	30.4 32.7	28.9 31.5	27.7 30.0
Wisconsin	40.3	37.5	35.1	32.0	35.0	32.0	31.1	30.0	29.5	26.3
WEST NORTH CENTRAL										
Minnesota	35.5	33.2	34.5	29.6	30.9	31.3	31.1	28.6	28.6	26.9
IOWR	38.8	\$6.5	36.3	33.5	34.0	33.1	30.3	29.9	28.5	26.6
Missouri	45.3	46.9	46.3	39.0	40.3	37.6	37.5	33.0	32.5	30.3
North DakotaSouth Dakota	49.4 40.9	45.1 38.7	37.1   41.3	36.5 38.2	34.9 35.7	35.4	29.3	34.0 29.6	30,6 30.9	29.4
Nebraska	37.3	36.0	34.6	33.4	35.5	34.9 33.0	31.1 28.5	. 30.2	27.8	32.0 26.8
Kansa.s	39.3	38.3	37.6	35.5	33.6	33.3	33.0	30.6	28.1	26.9
SOUTH ATLANTIC				ĺ						
Delaware	43.6	47.7	43.4	47.0	46.7	48.7	58.9	29.7	31.0	29,5
Maryland	49.0	49.1	52.0	43.9	43.0	41.5	38.0	34.0	31.6	28.8
District of ColumbiaVirginia	53.3 \ 59.7	49.3	57.7 64.9	50.8	47.6	44.8	48.3	41.2	31.9	25.5
West Virginia	54.3	58.5 53.7	60.9	52.5   53.0	47.1 52.1	47.1 52.0	47.4 52.0	38.7 40.9	36.6 38.0	38.5 40.2
North Carolina	59.1	57.6	59.7	48.3	46.7	45.4	43.3	37.2	54.9	55.3
South Carolina	66.5	68.2	75.0	58.7	55.1	54.9	49.9	41.4	39.5	40.4
GeorgiaFlorida	58.3 56.0	57.8 53.8	58.4 52.9	49.3 47.7	46.6 46.7	44.5 45.5	42.2 43.8	35.9 39.4	34.2   38.2	34.2 35.3
	36.0	33.0	32.5	*1.1	40.7	45.5	43.6	35.1	36.27	35.3
EAST SOUTH CENTRAL					50.0			40.0	72.1	70.0
Kentucky	52.8 52.7	53.1 53.5	58.9 54.3	48.4 46.4	50.0 44.8	46.7 45.5	46.9 47.7	40.0 38.5	37.1 36.3	39.8 37.7
Alabama	59.8	61.5	59.4	50.1	44.8	45.5	44.7	37.9	37.5	37.8
Mississippi	56.6	54.4	55.1	47.3	46.8	44.1	40.6	37.5	36.8	37.9
WEST SOUTH CENTRAL										
Arkansas	46.5	47.0	44.7	39.7	37.4	34.7	31.7	28.3	29.5	28.4
LouisianaOklahoma	62.9 50.1	64.3 49.9	57.8 47.7	48.2 41.4	44.7 42.5	46.3 41.2	43.0 40.0	37.2 32.5	37.2 32.3	37.9 34.4
Texas	67.6	68.3	56.6	53.6	51.4	50.4	48.8	41.7	41.1	46.2
MOUNTAIN										
Montane	48.9	46.5	37.9	33.7	38.7	36.1	34.2	34.8	32.1	30.7
Idaho	46.8	42.9	35.0	36.2	32.0	34.0	35.0	32.9	29.4	29.6
Wyoming	44.6	44.7	43.2	45.1	37,1	41.2	40.0	33.1	34.0	39.5
New Mexico	54.4 109.1	60.4 100.6	52.0 97.5	49.7 97.9	50,4 91.6	49.4 89.1	50.5 100.8	40.0 78.2	37.5 67.9	38.4 70.1
Arizona	93.4	85.5	90.0	80.1	76,7	68.8	68.7	41.5	50.8	56.4
Utah	39.5	40.4	29.7	33.0	31.4	33.9	31.1	27.2	25.1	27.4
Nevada	44.0	51.7	42.3	57.2	52.2	50.2	46.3	39.6	33.2	39.8
PACIFIC										
Washington	36.8	35.2	34.7	33.1	34.8 30.0	33.8	34.5 28.7	33.4 27.7	28.1 24.7	27.5 25.5
Oregon	34.8 42.2	33.2 39.2	30.7 36.6	30.5 34.8	34.4	30.5 34.5	32.5	30.7	29.4	28,6
COLLIANTIA	42.6			٠,,,	34.4	04.5		••••		

# Table VIII.—STILLBIRTH RATIOS BY PLACE OF RESIDENCE, 1942-48: AND BY PLACE OF OCCURRENCE, 1944-48: UNITED STATES, EACH DIVISION AND STATE

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births)

ATTIA			PLA	CE OF RESI	DENCE				PLAC	E OF OCCUE	rence <sup>1</sup>	
AREA	1942	1943	1944	1945	1946	1947	1948	1944 ,	1945	1946	1947	1948
UNITED STATES	25.6	24.5		23.9	22.8	21.1	20.6	24.5	23.9	22.8	21.1	20,6
CEOGRAPHIC DIVISIONS			-						,		,	
New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Mountain Pacific	23.2 25.8 22.5 22.4 34.3 30.5 26.0 21.0	21.5 24.5 22.6 20.2 31.6 28.0 26.6 20.4 17.1		20.6 25.2 22.1 20.5 29.1 27.4 25.3 20.6 18.0	20.2 23.6 21.4 19.5 27.6 25.5 24.1 19.5 18.1	17.9 22.1 19.3 17.6 25.9 24.9 22.6 18.2	·17.8 22.5 18.5 17.3 25.2 24.2 22.1 16.7 15.6	21.4 25.4 22.9 20.8 30.4 27.4 25.7 20.1 18.0	20.7 25.3 22.2 20.6 29.0 27.1 25.3 20.2 18.1	20.3 25.6 21.4 19.6 27.5 25.5 24.1 19.7 18.1	17.9 22.1 19.3 17.7 25.8 25.0 22.6 18.3	17.8 22.5 18.5 17.4 25.1 24.2 22.0 16.7
NEW ENGLAND	24.7	22.2		10.6								
New Hampshire  Vermont  Massachusetts  Ehode Teland  Connecticut  MIDDLE ATLANTIC	25.9 24.1 24.6 22.6 18.9	17.1 17.8 25.6 23.4 23.5 19.0		18.2 21.9 22.0 22.8 20.5 17.3	17.0 22.0 22.6 22.5 19.5 16.1	16.7 20.7 18.0 19.2 16.5 14.9	16.6 18.7 18.7 19.4 17.3 14.4	15.7 24.7 24.1 23.2 22.9 18.2	17.9 21.9 20.8 22.9 20.6 17.1	17.1 21.7 23.2 22.5 19.4 16.0	16.6 20.3 18.7 19.3 16.5 14.7	16.8 18.9 18.4 19.4 16.5 14.4
New Jork	28.0 24.0 23.8	26.7 23.7 22.2		27.0 23.8 23.5	25.8 22.2 21.2	23.8 21.3 20.2	25.2 19.5 20.2	27.2 22.9 24.0	27.2 24.1 23.4	25.8 22.1 21.2	23.8 21.3 20.2	25.2 19.8 20.1
CAST NORTH CENTRAL  Ohio	24.3 20.2 21.7 24.5 19.2	23.4 20.1 22.1 25.3 20.2		24.2 19.6 21.3 24.0 18.9	23.8 18.5 21.0 22.6 17.7	20.2 17.3 18.7 21.0 17.2	20.0 16.4 17.8 20.0 16.7	24.7 20.5 21.9 24.9 20.2	24.4 19.6 21.4 24.0 18.9	25.9 18.7 20.9 22.5 17.7	20.3 17.5 18.6 21.0 17.2	20.0 16.4 17.7 20.0 16.8
WEST NORTH CENTRAL							İ		^			
Minnesota Lyuz Missouri North Dakota South Dakota Xansag	21.6 20.2 27.1 17.4 19.6 21.5 20.7	20.2 19.9 22.8 17.7 16.2 19.5 18.0		20.9 19.6 23.6 19.1 15.5 18.4 19.1	19.8 18.2 22.6 17.3 16.4 18.3 17.3	17.2 15.6 21.0 17.3 15.3 16.7 15.9	17.7 14.8 20.9 14.3 13.3 16.8 16.0	19.2 19.8 24.5 20.8 18.0 20.2 19.0	21.0 19.4 23.6 18.8 16.4 18.5	19.9 18.1 22.7 17.8 16.1 18.3 17.5	17.2 15.6 21.2 16.8 15.5 17.0	17.7 15.0 20.9 14.1 13.3 16.9
SOUTH ATTANTIC		•										
Delaware Maryland District of Columbia Virginia West Virginia Routh Carolina South Carolina Florida	24.4 29.5 28.4 32.7 34.3 31.3 40.6 38.6 37.8	29.1 27.8 28.4 30.7 34.8 27.0 37.0 33.9 34.6		24.7 26.9 23.2 50.1 51.5 25.5 53.7 29.4 51.4	20.7 25.3 26.0 28.8 31.7 23.8 32.2 26.7 29.8	19.3 24.1 21.7 26.1 24.7 24.5 32.1 25.9 27.6	21.8 22.5 21.0 26.2 25.7 24.3 28.2 26.1 24.8	25.0 28.6 25.6 30.7 33.2 26.2 34.9 32.9 31.6	24.7 27.4 22.5 30.6 32.0 25.2 33.9 29.5 30.4	20.8 26.0 23.3 29.6 31.6 23.4 32.3 26.7 29.7	19.5 23.8 21.2 26.4 24.4 24.4 31.9 25.6 27.6	22.1 22.4 20.5 26.4 25.4 24.3 28.1 26.3 24.3
EAST SOUTH CENTRAL	26.7	24.6		23.6	20.9	21.2	19.0	25.7	<b>23.</b> 5	20.5	21.0	18.9
Tormessee	22.3 33.2 41.0	22.4 30.1 35.7		23.8 29.0 34.0	22.6 28.6 30.5	21.7 27.9 29.8	21.3 28.8 30.5	22.B 30.0 34.0	23.8 28.0 34.1	22.8 28.7 30.6	22.1 27.8 29.8	21.6 26.9 30.4
Arkansas	27.5 51.5 19.9 25.2	23.2 30.0 21.0 27.9		20.6 29.1 23.9 25.5	19.5 27.2 21.6 24.9	17.8 26.8 20.1 23.0	19.1 25.5 18.8 22.3	20.4 28.9 21.3 27.1	20.6 29.1 23.5 25.6	19.2 27.2 21.6 24.8	17.5 26.9 19.9 23.0	19.3 25.6 18.3 22.4
MOUNTAIN	17.5	70.6	]	12.4	17-4	75.8	15.7	76.6	76.3	17.2	15.9	15.6
Montana Idaho Wyoming Colorado New Mexico Arizona Utah Nevada	17.6 20.3 16.9 23.5 23.6 22.5 17.6 21.2	18.6 17.9 19.8 21.7 23.4 25.0 15.8 19.2		17.4 17.4 17.7 21.9 24.3 23.4 17.1 26.7	17-4 18.2 17.8 22.0 21.0 20.2 16.1 21.0	15.8 16.4 19.7 19.3 22.0 19.7 13.9 20.5	15.7 13.9 16.7 18.8 20.7 17.6 14.4 19.5	16.6 20.9 17.5 21.8 21.1 23.6 15.7 20.0	16.3 18.2 16.8 21.7 23.7 22.1 17.2 24.1	17.2 19.2 17.7 22.1 21.0 20.4 16.2 20.6	16.3 19.0 19.3 22.2 19.5 14.3 21.5	14.5 17.2 16.7 20.2 17.6 14.4 20.3
PACIFIC  Washington	15.5 16.6 18.8	13.0 16.3 18.3		15.5 17.1 18.7	17.4 17.3 18.4	15.7 15.5 16.5	14.1 15.0 16.0	14.0 18.6 19.0	15.4 17.2 16.9	17.0 17.3 18.4	15.5 15.5 16.4	13.8 14.8 16.1

<sup>-</sup>These ratios differ from those shown in table IV which are computed for all reported stillbirths, regardless of period of gestation.

TABLE IX.-DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population excluding armed forces overseas. International List numbers are those of the International List of Causes of Death, 1938 revision, as adopted for use in the United States)

	numbers are those of the International List of Causes of  CAUSE OF DRATE  CAUSE OF DRATE		Int.		HOM		RATE	<del></del>			
Int. List No.	CAUSE OF DEATH					List No.	CAUSE OF DEATH	1948	1947	1948	1947
		1948	1947	1948	1947	<u> </u>		1510		-	
	ALL CAUSES	1,444,337	1,445,370	988.5	1,007.9		I.—Infectious and parasitic diseases—Continued		,		
	I.—Infectious and parasitic	73,016	80,155	50.0	55.9		Diseases due to spirochetes (30-32)Continued			j	
	(Communicable diseases)	13,016	40,130	30.0	33.3		Syphilis - Continued (a) Locomotor ataxia (tabes dor-				
	Diseases due to bacteria (1-26)						(b) General paralysis of the	375	453	0.3	0.3
1	Typhoid fever	205	282	0.1	0.2		(c) Other syphilis of the central	2,913	3,537	2.0	2.5
2	Paratyphoid fever	25	43 1	0.0	0.0		(d) Ansurysm of the aorta	1,152 3,639	1,243 3,465	0.8 2.5	0.9 2.4
4 5	Undulant fever (brucellosis)	55	58	0.0	0.0		(a) Other syphilis of the circu- latory system (f) Congenital syphilis	963 505	954 605	0.7 0.3	0.7 0.4
6	Cerebrospinel (meningococcus) men- ingitis	873	917	0.6	0.6		(g) Other and unspecified forms	2,049	2,414	1.4	1.7
7 8	Anthrax (infection by Bucillus an- thracis)	5 68	3 107	0.0 0.0	0.0	31 32	Relapsing fever	370	1 415	0.0	0.0
9	Whooping cough	1,146	1,954	0.0	1.4		(a) Spirochetosis icterohaemor- rhagica (Weil's disease)	339	358	0.2	0.2
11	theriae)	634 69	799 62	0.4 0.0	0.6		(b) Other diseases due to spiro- chetes	31	57	0.0	0.0
12	Tetamis	506	511	0.3	0,4		Diseases due to filtrable				
13-22	Tuberculosis (all forms)	43,833	48,064	30.0	33.5	<b>2</b> 2	viruses (33-38) Influenza (grippe)	5,068	7,664	3.5	5.3
13	Tuberculosis of the respiratory system (including the bronchial	10.120	44,462	27.7	31.0	33	(a) With respiratory complications specified	3,139	4,878	2.1	3.4
	and mediastinal lymph nodes)  (a) With mention of occupational disease of the lungs	40,420	667	0.5	0,5		(b) Without respiratory complications specified	1,929	2,786	1.3	1.9
	(b) Without mention of occupa- tional disease of the lungs	38,503	42,475	26.4	29.6	34 35	Measles	5 888	472	0.0	0.0
	(c) Tuberculosis of unspecified	1,213	1,320	0.8	0.9	36	Acute policyelitis and acute policencephalitis	1,895	580	1,3	0.4
14	Tuberculosis of the meninges and central nervous system	1,048	977	0.7	0.7	37	Acute infectious encephalitis (lethargic)	570	630	0.4	0.4
15	Tuberculosis of the intestines and	382	476	0.3	0.3		(a) Acute infectious encophalitis (lethargic)	149	199	0.1	0.1
16 17	Tuberculosis of the vertebral column- Tuberculosis of the bones and joints	399	433	0.3	0.3		(b) Sequelae of encephalitis le- thargica	250	213	0.2	0.1
	(a) Bones	101 48 53	153 78 75	0.1 0.0 0.0	0.1	38	qualified) Other diseases due to filtrable	171	218	0.1	0.2
18	(h) Joints	18	18	0.0	0.0		(a) Yellow fever	164	144	0,1	0.1
19	taneous cellular tissue Tuberculosis of the lymphatic sys- tem (except bronchial, mediastinal,	1.5		"			(c) Herpes zoster	24 14	26 18	0.0	0.0
	mesenteric, and retroperitoneal	- 66	75	0.0	0.1		(d) German measles	107	9 88	0,0 0.1	0.0
20	Tuberculosis of the genito-urinary	327	358	0.2	0.2		(f) Other diseases ascribed to viruses	13	3	0.0	0.0
21	Tuberculosis of other organs (a) Tuberculosis of the adrenal		95	0.1	0.1		Diseases due to Rickettsia (39)				
	glands(b) Tuberculosis of other organs		45 48	0.0 0.0 0.7	0.0 0.0 0.7	39	Typhus fever and typhus-like dis- eases (due to Rickettsia)	177	224	0.1	0.2
22	Disseminated tuberculosis (a) Acute (generalized) miliary tuberculosis	l	1,017	0.6	0.6		(a) Exanthematic typhus (epidemic form)	68	- 88	0.0	0.1
	(b) Other and unspecified generalized tuberculosis	1 .	103	0.1	0.1		(b) Endemic typhus fever(c) Rocky Mountain spotted fever (d) Other typhus-like diseases	94 15	105 31	0.1	0.1
23	Leprosy	1	16	0.0	0.0		Diseases caused by helminths (40-42)	-			
24	Septicemia and purulent infection	496	520		0.4	40	Ankylostomiasis	6	9	0.0	0.0
	(a) Septicemia(b) Pyemia	9	19	0.0		41 42	Hydatid disease	12 54	15 51	0.0	0.0
	(c) Gas bacillus gangrens(d) Generalized Bacillus coli in-	1	32	0.0	Ì		Diseases due to fungi (43)				
25	Gonococcus infection		108			43	Mycoses	381	331	0.3	0.2
26	Other diseases due to bacteria (except dysentery)(a) Tularemia	46 46	58 58				Other infectious and parasitic diseases (44)				
	(b) Other diseases due to	1	-	0		44	(Communicable diseases) Other infectious and parasitic		}	1	
	Dysentery (27)					**	(communicable) diseases	2,467	2,300	1.7	1.6
27	Dysentery	1,078					gonorrhea and syphilis) (b) Lymphogranulomatosis (Hodgkins	4.7	68	0.0	0.0
	(a) Bacillary(b) Amebic	-   364				li	disease) (c) Mumps	2,347 56	2,163 47	1.6 0.0	1.5 0.0
	(c) Other and unspecified forms of dysentery	- 601	441	0.4	0.3		(d) Other infectious and parasitic (communicable) diseases	17	22	0.0	0.0
	Diseases due to protozoa (28,29)						IICancer and other tumors	202,386	195,594	138.5	136.4
29	Malaria (a) Benigm tertian malaria	- 1 9	12	0.0	0.0	45-55	Cancer and other malignant tumors	197,042	169,811	134.9	152.4
	(b) Quartan malaria(c) Malignant tertian (estivo-	1		1	1 .	45	Cancer of the buccal cavity and pharynx	5,712	5,583 598	3.9	3.9 0.4
	autumnal) malaria (d) Malaria (unspecified form)	- 11 - 149					(a) Lip(b) Tongue(c) Mouth	1 1.395	1,361 782	1.0	0.9
29	Other diseases due to parasitic protozoa (except spirochetes)	- 36	3 37	0.0	0.0		(d) Jaw bone	820	896	0.6	0.6
	Diseases due to spirochetes (30-32		79.627	8.0	8.8		buccal cavity (f) Pherynx	101 1,994	98 1,848	0.1	0.1 1.3
30	Syphilis	-\ 11,616	12,671	. 1 8.0	, 1 6.8	П	1 /1 / 1 mor 2 my	,00=	,	,	

# SUMMARY AND RATE TABLES

TABLE IX.-DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948-Con.
(See headnote on p. 14)

4.7	CAUSE OF DEATH  II.—Cancer and other tumors—Continued  Cancer and other malignant tumors—Continued  Cancer of the digestive organs and peritoneum.  (a) Esophagus————————————————————————————————————	85,056 5,661 26,215 338 10,834 22,860 10,558 8,234 1,408 1,408 10,483 10,493 10,493 10,493 10,7,983	83,121 3,499 25,967 10,428 22,555 10,572 7,587 1,319 852 17,519 1,672 71 5,095 9,571	58.2 2.5 17.9 0.2 7.4 15.6 1.0 0.0 1.3 0.0 4.0	58.0 2.4 18.1 0.2 7.3 15.7 7.4 5.3 0.9 0.6 12.1 1.5	List No.	ITI.—Rheumatism, diseases of mutrition and of the endocrine glands, oto.—Continued  Rheumatic diseases (58,59)—Con. Chronic rheumatism and other rheumatic diseases—————————————————————————————————	1,927 422 1,377 28	1,841 401 1,409 31	1948 . 1.3 0.3 0.9 0.0	1.3 0.3 1.0 0.0
4.7	Cancer and other malignant tumors—Continued  Cancer of the digestive organs and peritoneum— (a) Esophagus————————————————————————————————————	5,681 26,215 339 10,834 22,860 10,558 8,234 1,409 887 1,869 10,493 10,493 10,493 119 119	3,489 25,967 552 10,428 22,555 10,572 7,597 1,519 852 17,319 1,672 71 5,095	2.5 17.9 0.2 7.4 15.6 7.3 5.5 0.6 13.0 1.3 0.0	2.4 18.1 0.2 7.3 15.7 7.4 5.3 0.9 0.6 12.1 1.3	59	mutrition and of the endocrine glands, stc.—Continued.  Hheumatic diseases (58,59)—Con. Chronic rheumatium and other rhaumatic diseases—————————————————————————————————	1,377	1,409	0.9 0.3	0.3
4.7	tumors—Continued Cancer of the digestive organs and Peritoneum————————————————————————————————————	5,681 26,215 339 10,834 22,860 10,558 8,234 1,409 887 1,869 10,493 10,493 10,493 119 119	3,489 25,967 552 10,428 22,555 10,572 7,597 1,519 852 17,319 1,672 71 5,095	2.5 17.9 0.2 7.4 15.6 7.3 5.5 0.6 13.0 1.3 0.0	2.4 18.1 0.2 7.3 15.7 7.4 5.3 0.9 0.6 12.1 1.3	59	Rheumatic diseases (58,59)—Con. Chronic rheumatium and other rheumatic diseases—  (a) Rheumatoid arthritis————— (b) Other chronic articular rheumatium————————————————————————————————————	1,377	1,409	0.9 0.3	0.3
43 (	(b) Stomach (c) Ducderom (d) Rootum and anus (e) Intentines (coupt duodenum and rootum) (f) Liver and biliary passages— (g) Panoreas— (h) Mesontery and perticonsum— (m) Other and unspecified aites— (a) Larynx— (b) Traches— (c) Bronchus— (d) Iamg— (e) Floura— (f) Mediatrinum and unspecified sites— Cancer of the uterus— (a) Cervix— (a) Cervix— (b) Other and unspecified sites— (c) Cencer of other fende gential organs	5,681 26,215 339 10,834 22,860 10,558 8,234 1,409 887 1,869 10,493 10,493 10,493 119 119	3,489 25,967 552 10,428 22,555 10,572 7,597 1,519 852 17,319 1,672 71 5,095	2.5 17.9 0.2 7.4 15.6 7.3 5.5 0.6 13.0 1.3 0.0	2.4 18.1 0.2 7.3 15.7 7.4 5.3 0.9 0.6 12.1 1.3		(a) Rheumatoid arthritis———————————————————————————————————	1,377	1,409	0.9 0.3	0.3
48 (	(d) Roctum and annus— (e) Intentines (except duodenum and roctum)————————————————————————————————————	22,860 10,598 8,254 1,409 887 18,970 1,968 10,495 10,495 1119 5,638 10,495	10,428 22,555 10,572 7,587 1,319 1,872 71 5,095 9,571	7.4 15.6 7.3 5.6 1.0 0.5 13.0 1.3 0.0	7.3 15.7 7.4 5.3 0.9 0.6 12.1 1.3		(c) Other and unspecified forms of thronic rheumatism Diseases of nutrition and of the	]	· 1		
48 (	(x) Liver and biliery passages— (g) Panoreas— (h) Mesontery and peritoneum— (h) Mesontery and peritoneum— (a) Other and unspecified attes— (a) Larynx— (b) Trachea———————————————————————————————————	10,598 8,234 1,409 887 18,970 1,869 70 5,639 10,495 119 582 17,120	10,572 7,587 1,319 852 17,319 1,872 71 5,095 9,571	7.3 5.5 1.0 0.6 13.0 1.3 0.0	7.4 5.3 0.9 0.6 12.1 1.3		Diseases of nutrition and of the				
48 (	(a) Latym- (b) Trachea- (c) Bronchus- (d) Lung- (e) Fleura- (f) Mediastimum and unspecified sites- Cancer of the uterus- (a) Cervix- (b) Other and unspecified sites- Cancer of other female genttal organs	1,868 70 5,838 10,495 119 582 17,120	1,872 71 5,095 9,571	1.3 0.0 4.0	1.5	1	diseases (60-66)				
	(c) Fleura- (x) Mediatimm and unspecified sites	119 582 17,120		79	0.0 3.6	60 61 62	Gout	38,638 152	6 37,515 161	0.0 26.4 0.1	0.0 26.2 0.1
	Cancer of the uterus	17,120	559	0.1	6.7 0.1 0.4	63	Diseases of the thyroid and parathyroid glands(a) Simple goiter(b) Exophthalmic goiter	2,513 136 1,976	2,795 146 2,243	1.7 0.1 1.4	1.9 0.1 1.6
49 (	Cancer of other female genital organs	9,137	17,455 7,978 9,477	11.7 5.5 6.3	12.2 5.6 6.6		(c) Myxedema and cretinism———————————————————————————————————	320 . 71	_ 320 60	0.0	0.2
	(b) Fallopian tube and parametrium-	6,142 5,287 39	5,831 5,026 33	4.2 3.6 0.0	4.1 3.5 0.0	64	(e) Diseases of the parethyroid glands Diseases of the thyms gland	. 10 828	26 1,092	0.0 0.6	D.0 D.B
	(c) Vagina(d) Vulva(e) Other and unspecified sites	261 477 78	285 430 57	0.2 0.3 1.0	0.2 0.3 0.0	65	Diseases of the adrenal glands (not specified as tuberculous) (a) Addison's disease (not speci-	492	480	0.3	0.3
	Cancer of the breast	19,162 12,764 35	18,030 12,013 25	13.1 8.7 0.0	12.6 8.4 0.0		fied as tuberculous) (b) Other diseases of the adrenel	312 180	291 189	0.2	0.2
	(a) Scrotum————————————————————————————————————	11,758 663 297 11	11,050 643 274 21	8.0 0.5 0.2 0.0	7.7 0.4 0.2 0.0	66	Other general diseases(a) Ostecmalacia(b) Other general diseases	496 7 489	500 13 487	0.3 0.0 0.3	0.3 0.0 0.3
52	Cancer of the urinary organs (male and female)(a) Kidney	9,783 3,342	9,334 3,208	6.7 2.3	-6.5 2.2	67	Avitaminoses (67-71) Scurvy	12	22	0.0	0.0
53	(b) Bladder	6,278 163	6,015	0.1	4.2 0.1.	.70	Beriberi	66 606 41	49 728 53	0.0 0.4 0.0	0.0 0.5 0.0
.54	and scrotum)- Cancer of the brain and other parts of the central nervous system (in-	3,568	3,474	2.4	2.4	71	Other avitaminoses	129	121.	0.1 8.0	7.9
	cluding glioms, except when speci- fied as benign) (a) Glioms (b) Other and unspecified cancers of the brain and central	3,890 2,012	3,436 1,792	2.7 1.4	2,4 1,2	72	Hemorrhagic conditions————————————————————————————————————	11,697 544 412 129	11,349 575 459 116	0.4 0.3 0.1	0.4 0.3 0.1
55	norvous system	1,878 14,875	1,644	1.3	9.9	73	(c) Other hemorrhagic conditions- Amenias (except splenic anemia) (a) Permicious anemia (b) Other hyperchronic anemias	2,605 1,453 93	2,750 1,598 120	0.0 1.9 1.0 0.1	1.9 1.1 0.1
	(a) Adrenal gland (b) Home (except jaw bone and accessory sinuses) (c) Thyroid gland	220 2,366 777	222 2,347 786	0.2 1.6 0.5	0.2 1.6	74	(c) Eypochronic anemias————————————————————————————————————	18 1,041 7,782 7,448	22 1,010 7,293 6,954	0.0 0.7 5.3 5.1	0.0 0.7 5.1 4.8
	(d) Nessal cavity and accessory sinuses— (e) Other and unspecified organs—	394 11,318	379 10,481	0.3 7.6	0.3 7.3	75	(b) Alcukemias  Discases of the splean  (a) Splenic anemia	334 474 65	339 - 453 61	0.2 0.3 0.0	0.2 0.3 0.0
. 56 3	Nonmalignant tumors end tumors of unspecified nature (56,57) Nonmalignant tumors (including		•			76	(b) Splenomegaly (of undetermined nature) (c) Other diseases of the splenument of the diseases of the blood and	291 118	269 123	0.2 0.1	0.1
	dermoid cysts)	3,013 447 1,113 28	3,349 496 1,271 44	2.1 0.3 0.8 0.0	2,3 0.3 0.9 0.0		blood-forming organs (a) Agramulocytosis- (b) Erythrocytosis- (c) Humoglobinemia	292 132 52 5	278 126 54 5	0.2 0.1 0.0 0.0	0.2 0.1 0.0 0.0
E.,	(d) Brain and other parts of the central nervous system (e) Other and unspecified organs	773 652	887 651	0.5 0.4	0.6 0.5		(d) Other diseases of the blood and blood-forming organs	103	. 93	0.1	.0.1,
57	Tumors of unspecified nature (a) Ovary (b) Uterus (c) Other female genital organs	2,331 19 16 25	2,434 19 24 21	1.6 0.0 0.0	1.7 0.0 0.0		V.—Chronic poisoning and intoxication————————————————————————————————————	2,550	2,351	1.7	1.6
	(d) Brain and other parts of the central nervous system	1,550 723	1,591 779	0.0 1.1 0.5	0.0 1.1 0.5	77	Alcoholism (ethylism)(b) Other deficiency states associated with alcoholism	2,433 3 48	2,249 1 44	0.0 0.0	0.0
	· III.—Rheumatism, diseases of nutrition and of the endorrine glands, other		,	<b>7.</b> 3			(c) Acute alcoholism(d) Chronic alcoholism(e) Other and unspecified alco-	869 941 572	616 651 537	0.6 0.6	0.6 0.6
	general diseases, and avitaminoses	46,730	46,387	32.0	32.3	78	holism  Lead poisoning  (a) Specified as occupational  (b) Not specified as occupational	19	32 13 19	0.0 0.0	0.0 0.0 0.0
58 ' 4	Rheumatic diseases (58,59)  Acute rheumatic fever	927 35 205	1,024 38 298	0.6 0.0 0.1	0.7 0.0 · 0.2	79.	Chronic poisoning by other mineral or organic substances	71 24 47	70 11 59	0.0 0.0 0.0	0.0 0.0 0.0
	(d) Acute rheumatic myocarditis—— (d) Other acute rheumatic heart diseases—————————————————————————————————	1,06 206	117 194	0.1	0.1		VI.—Diseases of the nervous system and nense organs	145,534	145,970	99.6	101.8
	(c) Other forms of acute rheu- matic forgr	292 83	299 78	0.2 0.1	0.2	80	Rncephalitis (nonepidamic) (a) Intracranial abscess (b) Other encephalitis (non- epidamic)	1,163 376 787	1,162 384 778	.0.8 0.3 0.5	0.8 0.3 0.5

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.
(See headnote on p. 14)

Int.		NUM	BIKR	RA	TE .	Int.		NUMB	DER	RATI	<u> </u>
List No.	CAUSE OF DEATH	1948	1947	1948	1947	List No.	CAUSE OF DEATH	1948	1947	1948	1947
	VI.—Diseases of the nervous system and sense organs—Continuad						VII.—Diseases of the circu- latory system—Continued			•	
81	Meringitis (not due to meningo- coccus)(a) Simple meningitis	1,851 1,805	2,009 1,946	1.3	1.4 1.4	94	Diseases of heart (all forms)—Continued Diseases of the coronary arteries and angins pectoris————————————————————————————————————	160,520	154,131	109.9	107.5
82	(b) Acute cerebrospinal meningi- tis (not due to meningo- coccus) Diseases of the apinal cord (axcept	46	63	0.0	0.0		(a) Diseases of the coronary arteries (b) Angina pectoris	157,833 2,687	150,806 3,325	108.0	105.2
83	locomotor ataxia and disseminated sclerosis)Intracranial lesions of vascular	2,574	2,619	1.8	1.8	95	Other diseases of the heart (a) Functional diseases of the heart (without mention of organic lenion)	33,564 1,039	34,150 1,047	25.0	23.8
İ	origin (a) Cerebral hemorrhage or effu- sion (excluding birth	131,036	151,039	89.7	91.4		(b) Other diseases of the heart, specified as rheumatic (c) Other diseases of the heart,	7,423	7,083	5.1	4.9
	injuries)(b) Cerebral embolism and throm- bosis	110,394	111,725	75.6 11.5	77.9		not specified as rheumatic	25,122	26,020	17.2	18.1
ĺ	(c) Cerebral softening(d) Hemiplegia and other paraly-	946	773	0.6	0.5	96 97	Aneurysm (except of heart and acuta)- Arteriosclerosis (except coronary or renal sclerosis)	2,613	2,237 25,317	1.8	1.6
84	sis of unspecified origin Mental diseases and deficiency (ex- cept general paralysis of the in-	2,899	3,093	2.0	2.2	98 99 100	Gangrene Other diseases of the arteries Diseases of the veins	348 2,055 1,420	380 2,040 1,379	0.2 1.4 1.0	0.3 1.4 1.0
İ	eane)(a) Mental deficiency(b) Schizophrenia (demantia	1,376 318	1,569 355	0.2	0.2		(a) Varices(b) Other diseases of the veins	308 1,112	310 1,069	0.2	0.2
ŀ	praecox) (c) Manic-depressive psychosis	270 176	351 186	0.2	0.2	101 102 103	Diseases of the lymphatic system High blood pressure (idiopathic) Other diseases of the circulatory	1,936	56 1,911	0.0	0.0
85 86 87	(d) Other mental diseases Epilepsy	612 1,969 285	677 2,247 304	0.4 1.3 0.2	0.5 1.6 0.2		viii.—Diseases of the respira-	197	213	0,1	0.1
·	(a) Chores	4,620 9	4,296 15	3.2 0.0	3.0 0.0	104	tory system Diseases of the masal fossae and	65,929	68,771	45.1	48.0
	(b) Neuritis (except rheumatic or alcoholic)(c) Paralysis agitans (except re- sult of encephalitis)	111 1,588	99 1,460	0.1 1.1	0.1 1.0		accessory sinuses(a) Diseases of the masal fossae (b) Diseases of the accessory	451 274	454 250	0.3 0.2	0,3 0.2
	(d) Disseminated sclerosis (e) Other diseases of the nervous	1,683	1,529	1.2	1.1	105 106	SinusesDiseases of the larynxBronchitis	177 245 3,450	204 290 3,467	0.1 0.2 2.4	0.1 0.2 2.4
88	System Diseases of the organs of vision	1,229 39	1,193 52	0.8	0.8 0.0	1.00	(a) Acute	825 2,051	820 2,055	0.6	0.8
89	Diseases of the ear and mastoid process(a) Otitis and other diseases of	622	673	0.4	0.5	107	(c) Unspecified	574	592	0.4	.0.4
	the ear(b) Diseases of the mastoid	468	542	0.3	0.4	108 109	Lobar pneumonia	27,722 18,028 5,675	28,087 20,272 5,813	19.0 12.5 3.9	19.8 14.1 4.1
	process VII.—Diseases of the circu- latory system	154 505,716	131	0.1 346.1	0.1 344.6		(A) Atypical or virus pneumonia (B) Pneumonia (all other, unspecified)	1,160 4,515	1,059	0.8 3.1	0.7 3.3
90-95	Diseases of heart (all forms)	471,469	460,580	322.7	321.2	110	Pleurisy (not specified as tuber- culous)	1,108	1,172	0.8	0.8
90	Pericarditis (except acute rheumatic) (a) Chronic rhaumatic pericarditis (b) Other pericarditis	469 12 457	521 22 499	0.3 0.0 0.3	0.4 0.0 0.3		(a) Empyons(b) Other and unspecified forms of pleurisy	424 684	504 668	0.5	0.4
91.	Acute endocarditis (except rheu- matic)(a) Bacterial endocarditis (acute,	1,102	1,202	0.8	0.8	1111	Hemorrhagic infarction, thrombosis, edema, and chronic congestion of the lungs	4,114	4,202	2.8	2.9
	subscute, or unspecified) (b) Other acute or subscute endo- cerditis	713 313	786 320	0.5	0.5 0.2		(a) Hemorrhagic infarction and thrombosis of the lungs (b) Acute edems of the lungs	1,798 185	1,782 160	1.2 0.1	1.2 0.1
92	(c) Endocarditis (not specified as scute, chronic, or rheu- matic, under 45 years of age) Chronic affections of the valves	76	96	0.1	0,1	112 113	(c) Chromic and unspecified congestion of the lungs Asthma Pulmonary emphysema	2,131 2,627 449	2,260 2,712 329	1.5 1.8 0.3	1.6 1.9 0.2
	and endocardium(a) Diseases of the aortic valve (without mention of diseases	29,544	31,968	20.2	22.3	114	Other diseases of the respiratory system (except tuberculosis) (a) Silicosis	2,060 518	1,974 453	1.4 0.4	1.4
	of the mitral valve or rheu- matic fever)(b) Diseases of the mitral valve (whether or not specified as	3,052	3,021	2.1	2.1		(b) Other and unspecified forms of pneumoconioses (c) Gangrene of lung (d) Abscess of lung	109 45 462	159 62 491	0.1 0.0 0.3	0.1 0.0 0.3
	rheumatic)(c) Diseases of other and un- specified valves and chronic	12,550	13,371	8.6	9.3		(e) Other and unspecified diseases of the respiratory system	926	809	0.6	0.6
	andocarditis, specified as rheumatic	2,037	2,098	1.4	1.5		IX Diseases of the digestive system	63,319	62,055	45.3	43.3
	endocarditis, not specified as rheumatic (e) Endocarditis (not specified as acute, chronic, or rheu-	10,579	11,935	7.2	8.3	115	Diseases of the buccal cavity, pharym, tomails, and admexa (a) Diseases of the teeth and gums (b) Septic sore threat (c) Diseases of the pharymx and	1,310 93 392	1,360 95 407	0.9 0.1 0.3	0.9 0.1 0.3
93	matic, 45 years of age and over) Diseases of the myocardium (a) Acute myocarditis (except	1,326 246,250	1,543 238,608	0,9 169.5	1.1 166.4		tonsils(d) Diseases of other and unspeci- fied parts of the buccal	721	747	0.5	0.5
	rheumatic) (b) Myocarditis (not specified as scute, chronic, or rheumatic,	2,895	3,279	2.0	2.3	116 117	cavity and adnexa  Diseases of the esophagua	104 285 8,708 5,297	111 245 8,611 5,333	0.1 0.2 6.0 3.6	0.1 0.2 6.0 3.7
	under 45 years of age) (c) Chronic myocarditis and myo- cardial degeneration, speci-	250	340	0.2	0.2	118	(b) Duodenum	3,411	3,278 1,342	2.3	2.3
	fied as rheumatic(d) Chronic myocarditis and myo- eardial degeneration, not specified as rheumatic	1,265	1,293	0.9 155.4	152.1	119	Diorrhea, enteritis, and ulceration of the intestines (under 2 years of age)	6,908	6,046	4.7	4.2
	(e) Other myocarditie (not speci- fied as acute, chronic, or rheumatic)	14,789					(a) Diarrhea and enteritis (b) Ulceration of the intestines (except duodenum)	6,853 55	5,998 49	4.7 0.0	4.2

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.
(See headnote on p. 14)

=		<del>1</del>		1	(See headnote on p. 14)  RATE   Int.   NUMBER RA						
Int. List	CAUSE OF DEATH	NUM	(e)Br	TRA		List	CAUSE OF DEATH	NU	MBER	BAS	<u></u>
No.		1948	1947	1948	. 1947	No.	,	1948	1947	1946	1947
•	IX.—Diseases of the digestive system—Continued						XIDiseases of pregnancy, childbirth, and the	1			
120	Diarrhea, enteritis, and ulceration	ĺ					puerperium—Continued Abortion without mention of in-				
	of the intestines (2 years of age and over)	1,923	2,023	1.3	1.4	li	fection—Continued (c) Abortion (spontaneous, thera-	ĺ			,
. •	(a) Diarrhea and enteritis (b) Ulceration of the intestines	1,259	1,328	0.9	0.9		peutic, or of unspecified origin) with mention of				
121	(except duodenum) Appendicitis	664 4,171	695 4,786	2.9	0.5 3.3		toxemia (but not hemorrhage,	55	55	0.0	0.0
122	Hernia and intestinal obstruction (a) Hernia	10,099 4,321	10,764 4,492	6.9 3.0	7.5 3.1		(d) Abortion (spontaneous, thera- peutic, or of unspecified			0.0	0.0
123	(b) Intestinal obstruction Other diseases of the intestines	5,778 1,992	6,272 1,876	1.4	1.3		origin) (without mention of hemorrhage, trauma or shock,				
124	(a) With mention of alcoholism	16,512 2,885	14,940 2,228	2.0	10.4		or toxemia)	58 9	63 - 11	0.0	0.0
125	(b) Without mention of alcoholism- Other diseases of the liver	13,627 1,886	12,712 1,845	9.3 1.3	8.9 1.3		(f) Abortion (induced for nonther- apeutic reasons by persons				0.0
	(a) Acute yellow atrophy of the liver (nonpuerperal)	793	736	0.5	0.5	142	other than the woman herself) Ectopic gestation	· 9	7 300	0.0	0.0
126	(b) Other diseases of the liver Biliary calculi	1,093 3,775	1,109 3,863	0.7 2.6	0.8 2.7		(a) With mention of infection (b) Without mention of infection	43 200	51 249	0.0	0.0
127	Other diseases of the gallbladder and biliary ducts	2,473	2,445	1.7	1.7	143	Hemorrhage of pregnancy (death be- fore delivery)	55	62	0.0	
	(a) Cholecystitis (without men- tion of biliary calculus)	1,697	1,641	1.2	1.1		(a) Placenta praevia (b) Premature separation of	1.6	18	0.0	0.0
	(b) Other diseases of the gall- bladder and biliary ducts	776	804	0.5	0.6		placenta(c) Other or unspecified hemor-	11	17	0.0	0.0
128	Diseases of the pancreas (except diabetes mellitus)	1,213	1,039	0.8	0.7	144	rhage of pregnancy	28	27	0.0	0.0
129	Peritonitis (cause not stated)	805	870	0.6	0.6		delivery)(a) Eclampsia of pregnancy	458 244	497 259	0.3	0.3 0.2
	I.—Diseases of the genito- urinary system	90,549	93,963	62.0	65.5		(b) Albuminuria and nephritis of pregnancy	83	111		
130	Acute nephritis	2,136	2,114	1.5	1.5		(c) Acute yellow atrophy of liver (during pregnancy)	21	13	0.0	0.1
131	Chronic nephritis	71,666 55,407	74,296 56,691	49.0 37.9	51.8 39.5	145	(d) Other toxemias of pregnancy Other diseases and accidents of	170	114	0.1	0.1
132	(b) Other chronic nephritis Nephritis unspecified (10 years of	16,259	17,605	11.1	12.3		prognancy (death before delivery) (A) With mention of infection	258 171	255 162	0.2	0.2
133	age and over)Other diseases of the kidneys and	3,575	3,878	2,4	2.7	146	(B) Without mention of infection Hemorrhage of childbirth and the	87	93	0.1	0.1
	ureters (except diseases asso- ciated with pregnancy, childbirth,						puerperium	718	768	0.5	0.5
	or the puerperium)(a) Pyelitis, pyelonephritis, and	3,197	3,088	2.2	2.2		birth)	1739	125	0.1	0.1
	pyelocystitis(b) Other diseases of the kidneys	2,298	2,225	1.6	1.6		placenta (with childbirth), (c) Other and unspecified hemor-	173	163	0.1	0.1
134	and wretersCalculi of the urinary passages	889 1,342	863 1,398	0.6	1.0		rhages of childbirth and the	426	500	0.3	0.3
	(a) Kidneys and ursters(b) Bladder	1,117 203	1,123 247	0.8	0.8 0.2	147	Infection during childbirth and the	706	1,006	0.5	0.7
175	(c) Other and unspecified parts of the urinary passages	22	28 505	0.0	0,0	-	(a) Puerperal pyelitis and pyelo- nephritis	13	22	0.0	0.0
135	Diseases of the urinary bladder (a) Cystitis	551 167 384	201 404	0.1	0.1		(b) General or local puerperal infection (except pyelitis)	259	339	0.2	0.2
136	(b) Other diseases of the bladder- Diseases of the urethra (except calculus)	274	328	0.3 0.2	0.3		(c) Puerperal thrombophlebitis (d) Puerperal embolism and sudden	89	158	0.1	0.1
.	(a) Stricture of the urethra (b) Others under this title	141	176 152	0.1	0.1	148	death	345	487	0,2	0.3
137	Diseases of the prostate	6,790 5,808	7,092 6,089	4.6	4.9		before delivery)(a) Puerperal eclampsia	644 356	784 437	0.4	0.5 0.3
138	(a) Hypertrophy of the prostate—— (b) Other diseases of the prostate Diseases of other male genital	982	1,003	0.7	0.7		(b) Puerperal albuminuria and nephritis	145	174	0.1	0.1
139	organs (not specified as venereal)- Diseases of the female genital organs	`34 994	27 1,137	0.0 0.7	0.0 8.0		(c) Acute yellow atrophy of the liver (puerperal)	31	28	0.0	0.0
	(a) Ovaries, fallopian tubes, and	580	640	0.4	0.4	149	(d) Other puerperal toxemias Other accidents and specified con-	112	145	0.1	0.1
	(b) Utorus(c) Other and unspecified female	392	475	0.3	0.3		ditions of childbirth(a) Laceration, rupture, or other	302	376	0.2	0.3
	genital organs	ss	22	0.0	0.0		treuma of pelvic organs and tissue	73	98	0.0	0.1
	XI Diseases of pregnancy,		ŀ		1		(b) Other specified conditions of childbirth	229	278	0.2	0.2
- 1	childbirth, and the	4,122	4,978	2.8	3.5	150	Other and unspecified conditions of childbirth and the puerperium	242	325	0.2	0.2
140	Abortion with mention of infection	289	372	0.2	0.3		(a) Infection of breast during lactation	1	1	0.0	0.0
	(a) Abortion (sponteneous, thera- peutic, or of unspecified	Ì			ľ		(b) Psychosis of the puerperium (c) Other and unspecified con-	8	12	0.0	0.0
•	origin) with mention of pyelitis	1	6	0.0	0.0		ditions of childbirth and the puerperium	233	31.2	0.2	0.2
	(b) Abortion (spontaneous, thera- peutic, or of unspecified			-			XIIDiseases of the skin and cellular tissue	941	954	0.6	0.7
	origin) with mention of other infection	221	279	0.2	0.2,		Carbuncle and furuncle	41,	49	0.0	0.0
,	(c) Self-induced abortion with mention of infection	35	29	0.0	0.0	152 153	Phlegmon and acute abscess Other diseases of the skin and .	137	134	0.1	0.1
	(d) Abortion (induced for nonther- apeutic reasons by persons		ľ				cellular tissue XIII.—Diseases of the bones	763	771	0.5	0.5
	other than the woman herself) with mention of infection	38	56	0.0.	0.0		and organs of movement	759	726	0.5	0.5
141	Abortion without mention of infection (a) Abortion (spontaneous, thera-	207	213	. 0.1	0.1	154	Osteomyelitis and periostitis (a) Acute	170	190	0.1	0.1 0.0
	peutic, or of unspecified origin) with mention of			l	ŀ	155	(b) Chronic or unspecified Other diseases of the bones (except	167	184	0.1	0.1
	hemorrhage, trauma or shock, and toxemia	7	4	0.0	0.0	156	tuberculosis} Diseases of the joints and other	191	206	0.1	0.1
	(b) Abortion (spontaneous, thera- peutic, or of unspecified				ŀ		(a) Diseases of the joints (except	398	330	0.3	0.2
	origin) with mention of hemorrhage, trauma or shock		[			ľ	tuberculosis and rheumatism) (b) Diseases of other and unspec-	55	64	0.0	0.0
j	(but not toxemia)	70[	73	0.0]	0.1	ı !	ified organs of movement	343	266	0.2	0.2

# VITAL STATISTICS OF THE UNITED STATES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.
(See headnote on p. 14)

				(8	ee headno	te on p.	14)				
Int. List	Cause of Death	NUM	BER	RA	TE	Int. List	CAUSE OF DEATH	NUM	BER	RAT	e
. OM		1948	1947	1.94.0	1947	No.		1948	1947	1948	1947
	XIVCongenital malformations	19,246	20,315	13.2	14.2		XVIIViolent or accidental				
157	Congenital malformations (still- births not included)	19,246	20,315	13.2	14.2		deaths—Continued Accidental deaths—Continued				
	Congenital malformations of the central nervous system						Motor-vehicle accidents—Continued (b) Collisions between automo-				
	(a) Congenital hydrocephalus (b) Spina bifida and meningocele	2,852 1,311	2,977 1,398	0.9	1.0	•	biles and streetcars (c) Automobile accidents (except	83	102	0.1	0.1
	(c) Anencephalus(d) Other congenital malforma- tions of the central nervous	560	562	0.4	0.4		collisions with trains or streetcars)(d) Motorcycle scaldents (except	29,915	30,074	20.5	21.0
	system	1,137	1,055	0.8	0.7	171	collisions with automobiles)- Streetcar and other road-transport	787	785	0.5	0.5
	cardiovascular system (e) Congenital malformations of						accidents(a) Streetcar accidents (except	484	597	0.3	0.4
	the heart(f) Other congenital malformations	8,784	9,413	6.0	6.6		collisions with trains or motor vehicles)	325	422	0.2	0.3
	of the cardiovascular system- Other congenital malformations	232	207	0.2	0.1	i	(b) Other and unspecified road- transport accidents	159	175	0.1	0.1
	(g) Congenital malformations of the digestive system(h) Congenital malformations of	3,104	3,345	2.1	2.3	172	Water-transport accidents	1,364	1,244 2,013	1.3	0.9
	<ul> <li>(h) Congenital malformations of the genito-urinary system</li> <li>(m) Other and unspecified con-</li> </ul>	366	409	0.3	0.3	174 175	Accidents in mines and quarries Agricultural and forestry accidents- (a) Accidents involving agricul-	1,348 2,294	1,509 2,287	0.9 1.6	1.1
	genital malformations	900	949	0.6	0.7		tural machinery and vehicles- (b) Injury by animals, in agri-	921	914	0.6	0.6
	XV.—Diseases peculiar to the first year of life	61,543	65,308	42.1	45.5		culture	211 734	278 666	0.1 0.5	0.2 0.5
158	Congenital debility (cause not stated)	1,613	1,718	1,1	1.2		(d) Accidents involving forestry machinery and vehicles	87	62	0.1	0.0
159 160	Premature birth (cause not stated) Injury at birth	39,085 12,191	41,053 13,075	26.7 8.3	28.6	176	(e) Other forestry accidents Other accidents involving machinery-	341 1,240	367 1,208	0.2	0.3
	(a) Intracranial or spinal hemor- rhage	5,013	5,683	3.4	4.0	177 178	Food poisoning	277	318	0.2	0.2
	(b) Other intracranial or spinal injuries	754	833	0.5	0.6		(A) Utility gas (B) Motor-vehicle emanst gas	2,002 1,095 254	1,938 1,009 285	1.4 0.7 0.2	1.4 0.7 0.2
161	(c) Other injuries at birth Other diseases peculiar to the	6,424	6,559	4.4	4.6		(C) Other carbon monoxide gas (X) Other poisonous gases	412 241	354 290	0.3	0.2
	first year of life(a) Asphyxia (cause not speci-	8,654	9,462	5.9	6.6	179	Acute accidental poisoning by solids or liquids	1,436	1,504	1.0	1.0
	fied), atelectasis(b) Infection of the umbilious; pemphigus and other in-	5,315	5,756	3.6	4.0		(A) Arsenic and compounds (B) Barbituric acid and derivatives	63 419	48 418	0.0 0.3	0.0
	fections (nonsyphilitic) (c) Other specified diseases pe-	156	168	0.1	0.1		(C) Cresol compounds(D) Mercury and compounds	8 25	7 25	0.0	0.0
	culier to the first year of	3,183	3,538	2.2	2.5		(E) Nux vomica and strychnine (F) Carbolic acid and phenol	30 6	37 11	0.0	0.0
	IVI.—Semility	9,209	9,706	6.3	6.8		(G) Lye and potash (E) Tobacco and derivatives (M) Warcotics	74 8 25	72 10 28	0.1 0.0 0.0	0.1 0.0 0.0
162	Senility(a) Senility with mention of	9,209	9,706	6.3	6.8		(0) Methanol and other elcohols (X) Other and unspecified sub-	140	178	0.1	0.1
	semile dementia (b) Semility without mention of	940	938	0.6	0.7	180	stances	638 3,075	670 3,315	0.4 2.1	0.5 2.3
	senile dementia	8,269	8,768	5.7	6.1	161	Accidental burns (except confla- gration)	4,593	4,685	3.1	3.3
	XVIIViolent or accidental deaths	123,009	124,825	84.2	87.0	162	Accidental mechanical suffocation Accidental drowning	1,863 5,299	1,930 5,737	1.3 3.6	1.5 4.0
163,164	Suicide	16,354	16,538	11.2	11.5	164 185	Accidental injury by firearms Accidental injury by cutting or piercing instruments	2,270	2,386	0.2	0.2
163	Suicide by poisoning	3,830	3,690	2.6	2.6	186	Accidental injury by fallor crushing	24,687 24,266	24,397 23,961	16.9 16.6	17.0
	(A) Arsenic and compounds (B) Barbituric acid and deriva-	130 639	138 558	0.1	0.1	187	(b) Crushing	421	436	0.5	0.3
	(C) Cresol compounds(D) Mercury and compounds	46 59	53 80	0,0	0.0		a cataclysm, regardless of their nature)	243	393	0.2	0.3
	(E) Nux vomica and strychnine (F) Carbolic acid and phenol	123 136	135 150	0.1	0.1 0.1	1,69	Injury by animals (not specified as venomous or occurring in the				
	(G) Other solid or liquid poisons- Suicide by poisonous gases	759	758	0.5	0.5	3.00	course of agricultural and forestry operations)	95 35	113 26	0.1 0.0	0.1 0.0
	(H) Utility gas (M) Motor-vehicle exhaust gas	1,190 625	1,202 491	0.8	0.8	169 190 191	Excessive heat	345 392	270 540	0.0	0.2
164	(X) Other poisonous gases	79 44 19 594	79 46	0.1 0.0 8.6	0.1 0.0 9.0	العمعا	Lightning	256	338	0.2	0.2
164	(a) Suicide by hanging or stran- gulation	12,524	12,848	2.4	2.6	194	(except lightning) Poisoning by venomous animals (not	871	867	0.6	0.6
	(b) Suicide by drowning (c) Suicide by firearms and ex-	739	781	0.5	0.5		occurring in the course of agri- cultural and forestry operations)	40	64	0.0	0.0
	plosives(d) Suicide by cutting or pierc-	6,660	6,691	4.5	4.7	195	(a) Sequelae of preventive immu-	6,551	6,255	4.5	4.4
	ing instruments (e) Suicide by jumping from high	634	678	0.4	0.5		nization, inoculation, or vaccination(b) Other accidents due to medi-	10	1.6	0.0	0.0
	places(f) Suicide by crushing	617 155	627 161	0.4	0.4		cal or surgical intervention (c) Lack of care of the newborn	48 40	44 29	0.0	0.0
	(g) Suicide by other or unspect- fled means	142	160	0.1	0.1		(d) Obstruction, suffocation, or puncture by ingested objects-	1,299	1,206	0.9	0.8
165-168 165	Homicide Infanticide (homicide of infants	8,536	8,555	5.8	6.0	106	(e) Other and unspecified accidents	5,154	4,960	3.5	3.5
166	under 1 year of age)	1(151) 4,894	1(174) 4,922	1(0.1) 3.5	1(0.1) 5-4	196	Deaths of military personnel during operations of war	-	-	٥	0
167	Homicide by cutting or piercing instruments	2,074	1,981	1.4	1.4	198	tions of war	118	153	0 0.1	0.1
168	Homicide by other means	1,568	1,652	1.1	1.2		XVIII.—Ill-defined and unknown causes	18,082	17,850	12.4	12.4
169-195	Accidental deaths	98,001	99,579	67.1	69.4						
169 170	Railway accidents (except collisions with motor vehicles)	2,502	2,663 32,697	1.7	1.9	S00 199	Sudden death	1,115 16,967	1,149 16,701 7,511	0.8 11.6	0.8 11.6
110	(a) Collisions between automo- biles and trains	32,259	32,697 1,736	1.0	22.8		(a) Ill-defined (b) Found dead (cause unknown) (c) Unknown or unspecified cause	7,958 746 8,263	7,511 694 8,496	5.4 0.5 5.7	5.2 0.5 5.9
	OTTES SHE CUSTING	-1414	1 1,130	1.0	1	II	/c/ ournown or unspecified cause	0,203	0,496	L	7.8

<sup>1</sup> Included in figures for homicide.

# SUMMARY AND RATE TABLES

# Table X.-DEATH RATES BY AGE: DEATH-REGISTRATION STATES, 1900-1948

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population in each specified group)

										<b>!</b>		
YEAR	Total <sup>1</sup>	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75–84 -years	85 years and over
2												
1947 <sup>2</sup>	9.9	35.0	1.6	0.7	1.4 1.5	2.0 2.1	4.0 4.1	9.0	19.4	44.0 44.5	96.3 98.1	247.1 243.1
19472	10.1	33.8 45.3	1.6	0.7	1.7	2.5	4.2	9.3	19.5	43.4	96.1	228.6
1945 <sup>2</sup>	10.6	41.7	2.0	0.9.	1 1.9	2.7	4.6	9.7	20.3	44.5	99.5	222.5
1343	. 10.9	***'		3.5	1.0	221	***	5.,	20.0	31.0	3310	, 22210
19442	20.6	43.3	2.3	0.9	2.0	2.7	4.7.	9.8	20.6	45.5	102.7	223.3
1943 <sup>2</sup>	10.9	43.0	2.6	1.0	2.0	2.8	, 4.9	10.3	21.5	47.4	108.5	234.6
19422	10.4	46.0	2.4	0.9	19	2.8	4.9	10.1	21.0	45.6	102.3	212.6
19412	10.5	52.3	8.8	1.0	2.0	2.9	5.0	10.3	21.4	46.6	106.0	218.4
19402	10.7	54.8	2.9	1.0	2.0	3.1	5.2	10.6	22.0	48.2	110.9	230.1
1939	10.6	53.7	3.2	1.1	2.1	3.2	5.3	10.7	22.1	47.2	112.5	223.3
1938	10.6	58.0	3.8	1.2	2.3	3.4	5.6	10.9	22.1	47.1	110.9	212.6
1937	11.3	61.3	4.2	1.4	2.6	3.9	6.2	11.8	23.5	49.0	117.0	227.2
\ \ \ \	11.6	62.9	ا م ا				6.5	12.1	24.1	50.8	121.7	242.7
1935	10.9	60.9	4.4	1.5 1.5	2.8 2.7	4.1 4.0	6.2	11.6	23.2	48.7	113.1	224.6
1934	11.1	8.39	5.1	1.5	2.8	4.1	-6.2	11.8	23.5	49.4	114-1	224.8
1953	10.7	61.3	. 4.7	1.5	2.7	4.1	6.2	11.4	23.2	49.0	111.3	222.3
1000		1 32.5										
1932	10.9	61.3	4.6	1.5	2.9	4.2	6,3	11.6	23.4	50.0	114.3	233.3
1931	11.1	64.4	5.3	1.7	3.2	4.5	6.7	12.0	23.6	49.9	110.5	222.8
1930	11.3	69.0	5.6	1.7	3.3	4.7	6.8	12.2	24.0	51.4	112.7	228.0
1929	11.9	71.6	6.3	1.9	3.6	5.0	7.3	12.7	24.5	54.0	122.2	254.3
1928	12.0	73.1	6.5	1.9	3.7	5.0	7.5	1.2.8	24.2	54.3	125.2	268.3
1927	11.3	69.8	5.9	1.9	3.5	4.7	7.1	12.0	55.9	51.2	115.9	250.1.
1927	12.1	77.9	7.2	1.9	3.7	4.9	7.4	12.7	24.1	53.8	125,4	279.7
1925	11.7	75.4	. 6.4	2.0	3.8	4-8	7.2	12.2	23.3	51.7	119.3	272.3
1924	11.6	76.8	6.8	2.0	3.8	4.8	7.1	12.1	25.0	51.0	117.2	261.8
1923	12.1	81.1.	8.1	2.1	3.9	5.0	7.3	12.2	23.9	53.3	123.5	279.7
1922	11.7	77.6	7.4	2.1	3.8	5.0	7.1	11.8	25.2	52.2	117.5	258.1
1921	11.5	80.6	8.0	2.5	3.9	4.9	6.8	11.2	22.1	49.0	111.2	239.1
					: .	۱						
1919	13.0	92.3	9.9 9.3	2.6 2.7	4.9 5.3	6.8 7.5	8.1 8.6	· 12.2	23.6 23.1	52.5 50.0	118.9 107.8	248.3
1918	18.1	111.7	15.7	4.1	10.7	16.4	13.4	15.2	26.5	55.0	113.0	222.1
1917	14.0	104.6	10.7	2.6	4.7	6.5	9.0	13.9	26.8	57.3	123.9	245.9
1311		102.0	10.,			1	J-0		20.0	5	220.5	53010
1916	13.8	105.7	11.1	2.5	4.4	6.2	8-8	13.6	26.5	57.2	123.9	250.4
1915	13.2	102.4	9.2	2.3	4.1	5.8	8.3	13.1	25.5	55.6	120.1	240.3
1914	13.3	107.2	10.2	2.5	4.2	6.0	8.5	13.1	25.1	54.1	115.6	231.5
1913	13.8	114.8	11.9	2.7	4.4	6.2	8.7	13.5	25 <b>.</b> S	'54.1	117.9	235.9
1912	13.6	111.1	10.9	2.5	4.3	6.1	8.6	13.4	25.8	54.5	120.2	242.2
1911	13.9	114.0	11.8	7.5	4.5	6.4	8.9	13.5	25.8	55,0	120.1	246.4
1910	14.7	131.8	14.0	2.9	4.5	6.5	9.0	13.7	26.2	55.6	122.2	250.3
1909	14.2	126.7	13.5	2.8	4.4	6.3	8.7	15.3	25.6	53.9	118.4	244.9
1908	14.7	133.2	14.0	3.0	4.8	6.7	9.0	13.B	26.2	53.8	119.5	248.6
1907	15.9	139.6	14.7	3.2	5.3	7.5	10.2	15.1	28.6	58.8	128.7	269.1
1906	15.7	144.8	15.8	3.3	5.3	7.5	9.8	14.5	27.1	55.0	120.4	255.1
1905	15.9	141.2	15.0	3.4	5.2	7.4	9.8	14.7	27.7	56.2	122.4	261.5
1904	16.4	139.2	15.9	3.7	5.5	7.8	10.2	15.1	28.5	58.2	126.1	270.0
1903	15.6	132.6	15.4	3.4	5.2	7.5	9.8	14.3	27.2	55.0	120.6	253.7
1902	15.5	138.9	16.6	3.3	5.1	7.5	9.6	14.0	25.9	52.9	114-1	235.6
1901	16.4	141.4	16.9	3.5	5.5	8.0	10.3	15.0	27.8	56.2	124.6	260.8
1900	17.2	162.4	19.8	3.9	5.9	8.8	10.2	15.0	27.2	56.4	123.3	260.9
	لتنتسا			L	L	<u></u> .	L	l	l		· · · · · · · · · · · · · · · · · · ·	<del></del>

Includes deaths for which age was not stated.

Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas

### VITAL STATISTICS OF THE UNITED STATES

#### TABLE XI.-CRUDE DEATH RATES FOR SELECTED

(Exclusive of stillbirths. Rates per 100,000 estimated midyear population.

=																
	Year	Total	Typhoid and para- typhoid fever	Cerebro- spinal (meningo- coccus) menin- gitis	Scarlet: fever	Whoop- ing cough	Diph- the- ria	Tuber- culosis (all forms)	Dysen- tery	Malaria	Syph- ilis <sup>1</sup>	Measles	Polio- myelitis, polio- encepha- litis (acute)	Cancer and other melignent tumors	Acute rheu- matic fever	Diabetes mellitus
			1,2	6	8	9	10	13-22	27	28	30	35	36	45-55	58	61
1 2 3 4	1948 <sup>7</sup>	988.5 1,007.9 997.6 1,061.8	0.2 0.2 0.3 0.4	0.6 0.6 0.9 1.3	0.0 0.1 0.1 0.2	0.8 1.4 0.9 1.3	0.4 0.6 0.9 1.2	30.0 33.5 36.4 40.1	0.7 0.6 0.7 1.2	0.1 0.1 0.2 0.3	8.0 8.9 9.3 10.7	0.6 0.3 0.9 0.2	1.3 0.4 1.3 0.9	134.9 132.4 130.1 134.4	0.6 0.7 0.8 1.0	26.4 26.2 24.8 26.6
5 6 7 8	1944 <sup>7</sup>	1,064.7 1,089.5 1,035.3 1,050.4	0.4 0.5 0.6 0.8	2.1 2.2 0.7 0.5	0.3 0.3 0.3 0.3	1.4 2.5 1.9 2.8	0.9 0.9 1.0 1.0	41.3 42.6 43.1 44.5	1.4 1.4 1.4 1.8	0.4 0.5 0.6 0.9	11.3 12.1 12.2 13.3	1.5 1.0 1.0 1.7	1.0 0.9 0.4 0.6	129.1 124.5 122.1 120.2	1,1 1,1 1,2	26.4 27.1 25.4 25.5
9 10 12	1940 <sup>7</sup>	1,074.1 1,060.4 1,064.0 1,125.9	1.1 1.5 1.9 2.1	0.5 0.7 0.8 1.7	0.5 0.7 0.9 1.4	2.2 2.3 3.7 3.9	1.i 1.5 2.0 2.0	45.8 47.1 49.1 53.8	1.9 1.9 2.3 2.3	1.1 1.3 1.8 2.1	14.4 15.0 15.9 16.1	0.5 0.9 2.5 1.2	0.8 0.6 0.4 1.1	120.0 117.5 114.9 112.4	1.3 1.3 1.6 1.5	26.5 25.5 23.9 23.7
13 14 15 16	1935	1,155.2 1,094.5 1,105.4 1,068.7	2.5 2.8 3.4 3.6	2.4 2.1 1.0 1.2	1.9 2.1 2.0 2.0	2.1 3.7 5.9 3.6	2.4 3.1 3.3 3.9	55.9 55.1 56.7 59,6	2.4 1.9 2.7 2.2	3.1 3.5 3.6 3.7	16.2 15.4 15.9 15.1	1.0 3.1 5.5 2.2	0.6 0.8 0.7 0.6	111.4 108.2 106.4 102.3	1.7 1.8 1.8 2.0	23.7 22.3 22.2 21.4
17 18 19 20	1952	1,087.7 1,106.5 1,132.1 1,187.8	3.7 4.5 4.8 4.2	1.4 2.4 3.6 4.5	2.2 2.2 1.9 2.1	4.5 3.9 4.8 6.2	4.4 4.8 4.9 6.5	62.5 67.8 71.1 75.3	1.7 2.0 2.8 2.4	2.1 2.1 2.9 3.5	15.4 15.4 15.7 15.6	1.8 3.0 3.2 2.5	0.7 1.8 1.2 0.7	102.3 99.0 97.4 95.6	2.2 2.2 2.5 2.5	22.0 20.4 19.1 18.6
21 22 23 24	1928	1,198.6 1,131.5 1,211.0 1,168.1	4.9 5.3 6.4 7.8	2.6 1.6 1.3 1.0	1.9 2.3 2.5 2.7	5.4 6.8 8.8 6.7	7.2 7.7 7.4 7.8	78.3 79.6 85.5 64.8	2.8 2.4 2.7 3.1	3.6 2.6 1.9 2.0	16.4 16.4 17.1 17.3	5.2 4.1 8.3 2.3	1.2 1.8 0.8 1.5	95.7 95.2 94.6 92.0	2.5 2.6 2.7 2.7	19.0 17.4 17.9 16.8
25 26 27 28	1924	1,159.0 1,213.0 1,169.3 1,149.8	6.6 6.7 7.4 8.8	0.9 1.0 0.9 1.4	3.1 3.5 3.5 5.3	8.1 9.6 5.5 9.1	9.3 12.0 14.6 17.7	87.9 91.7 95.3 97.6	2.9 3.1 2.9 3.9	2.4 2.8 3.5 3.5	17.8 17.9 18.0 17.5	8.2 10.7 4.3 4.2	1.1 0.9 0.8 1.8	90.4 88.4 86.2 85.5	3.3 3.0 3.2 3.7	16.4 17.7 18.3 16.7
29 30 31 32	1920	1,298.9 1,289.4 1,810.0 1,397.1	7.6 9.2 12.3 13.3	1.6 1.8 3.4 3.8	4.6 2.8 3.1 3.5	12.5 5.6 17.0 10.5	15.3 14.9 14.0 15.6	113.1 125.6 149.8 143.5	4.0 4.3 5,6 5.9	3.4 3.8 3.0 3.0	16.5 16.2 18.7 19.1	8.8 3.9 10.8 14.1	0.9 0.9 1.2 1.4	63.4 61.0 60.8 80.8	3.8 3.4 3.9 4.5	16.1 15.0 16.1 16.9
33 34 35 36	1916 1915 1914	1,381.1 1,317.6 1,330.2 1,380.6	13.2 11.8 14.7 17.5	2.1 1.4 1.7 1.5	3.1 3.6 6.6 7.7	10.5 8.2 10.2 10.1	13.9 15.2 17.2 18.1	138.4 140.1 141.7 143.5	4.9 3.4 4.3 4.8	2.8 1.6 1.7 2.0	18.6 17.7 16.7 16.2	11.4 5.2 6.8 12.8	10.5 1.0 1.1 1.4	81.0 80.7 76.7 78.5	4.5 4.8 5.3 5.7	16.9 17.6 16.2 15.4
37 38 39 40	1912	1,359.7 1,390.5 1,468.0 1,424.7	16.1 20.1 22.5 20.2	2.0 0.8 0.3 0.3	6.0 8.6 11.4 11.1	9.2 11.0 11.6 10.0	17.6 18.4 21.1 19.9	145.4 155.1 153.8 156.3	3.9 4.7 6.0 5.4	2.3 2.3 1.1 1.4	15.1 15.3 13.5 12.9	7.2 9.9 12.4 10.0	2.0 1.8 2.9	77.0 74.2 76.2 74.0	5.3 5.9 6.2 4.9	15.1 15.1 15.3 14.1
41 42 43 44	1908	1,468.2 1,592.5 1,571.8 1,588.9	23.4 26.2 30.9 22.4		12.4 9.3 7.3 6.8	10.7 11.3 16.1 8.9	21.9 24.2 26.3 23.5	162.1 174.2 175.8 179.9	6.1 6.1 8.0 8.3	1.3 1.8 2.3 2.5	12.4 12.4 14.1 13.8	10.6 9.6 12.9 7.4		71.5 71.4 69.3 73.4	5.3 5.5 5.6 5.8	13.8 14.2 13.4 14.1
45 46 47 48 49	1904	1,640.0 1,562.8 1,548.1 1,641.5 1,719.1	23.9 24.6 26.4 27.6 31.3		11.6 12.3 11.9 13.6 9.6	5.8 14.3 12.4 8.7 12.2	29.3 31.1 29.8 33.5 40.3	188.1 177.2 174.2 189.9 194.4	8.1 7.5 10.1 11.1 12.0	2.9 3.0 4.0 5.0 6.2	13.9 13.2 12.9 12.5 12.0	11.3 8.8 9.3 7.4 13.3		71.5 70.0 66.3 66.4 64.0	6.4 4.7 4.3 4.9 5.3	14.2 12.7 11.7 11.6 11.0

Excludes aneurysm for 1900-1920. Includes ansurysm (except of heart) for 1921-38, inclusive; aneurysm of the acrta for 1939-48, inclusive.

Excludes all embolism and thrombosis, except purperal, for 1900-1920, inclusive.

Excludes diseases of coronary arteries for 1900-1929, inclusive.

Includes capillary bronchitis for 1921-48, inclusive.

Excludes automobile collisions with trains and streetzars, and motorcycle accidente for 1906-25, inclusive.

Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

## SUMMARY AND RATE TABLES

### CAUSES: DEATH-REGISTRATION STATES, 1900-1948

Numbers under causes of death are International List numbers, 1938 revision)

		Intra- cranial lesions of vas- cular origin <sup>2</sup>	Diseases of the heart <sup>3</sup>	Pneumonia (all forms) and in- fluenza	Diarrhea, enteri- tic, and ulcera- tion of intes- times	Nephritis	Diseases of pregnancy, childbirth, and the puerperium	Comgeni- tal malfor- mations	Premature birth	Other diseases peculiar to early infancy	Suicide	Homi- cide	Motor- vehicle accidents <sup>5</sup>	Other accidents <sup>8</sup>	Semility,. ill- defined and unknown causes	All other causes	
	i9	83	90-95	107- 109,33	119,120	130-132	140-150	157	159	158, 160,161	163,164	165-168	170	169, 171-195	162, 199,200		
ļ	0.4 0.5 0.6 0.7	89.7 91.4 89.8 97.8	322.7 321.2 306.8 321.4	58.7 43.1 44.5 51.8	6.0 5.6 5.8 8.7	55.0 56.0 58.4 66.7	2.8 3.5 3.7 4.3	13.2 14.2 12.7 12.3	26.7 28.6 28.5 23.9	15.4 16.9 15.7 14.5	11.2 11.5 11.5 11.2	5.8 6.0 6.3 5.6	22.1 - 22.8 23.9 21.3	45.0 46.6 46.2 51.4	18.7 19.2 19.7 22.0	112.5 114.8 115.9 128.2	3
	0.B 1.0 1.1 1.4	93.7 95.0 90.2 89.1	315.4 318.3 295.2 290.2	61.7 67.3 55.7 63.9	9.9 9.6 8.8 10.5	69.2 74.1 72.4 75.1	4.8 5.4 5.4 6.0	12.6 12.5 11.9 10.5	25.0 25.8 25.8 25.1	14.6 15.6 15.6 15.1	10.0 10.2 12.0 12.9	4.9 5.0 5.8 6.0	18.3 17.8 21.2 30.0	53.5 56.1 50.5 46.3	22.5 23.5 22.5 22.5	129.3 134.8 129.5 130.9	6 7.
,	1.6 1.8 2.5 2.5	90.8 87.8 85.9 86.7	291.9 275.5 269.7 268.9	70.1 75.7 80.4 114.9	10.3 11.6 14.3 14.7	81.4 82.9 77.4 79.9	6.7 7.0 7.7 8.4	10.0 9.5 9.3 9.2	24.5 24.6 25.2 26.1	14.6 14.2 14.2 13.9	14.3 14.1 15.3 15.0	8.2 6.4 6.8 7.6	26.1 24.7 25.1 30.8	47.3 46.0 47.2 50.9	23.7 22.3 22.3 23.7	136.9 138.4 139.0 147.4	10
	2.9 2.8 2.9 3.1	91.0 85.7 85.5 84.1	266.6 245.4 240.3 228.0	119.6 104.2 96.9 95.7	16.4 14.1 18.4 17.3	83.5 81.3 84.3 85.0	9.5 9.9 10.3 10.3	9.4 9.3 10.0 9.6	26.3 26.0 27.8 26.2	14.1 14.2 15.2 14.7	14.3 14.3 14.9 15.9	8.0 9.3 9.5 9.7	29.7 28.6 28.6 25.0	56.2 49.8 51.3 47.4	25.4 24.0 25.2 26.6	154.9 150.6 153.3 148.6	14 15
	3.0 4.2 5.2 5.7	87.5 86.8 89.0 90.8	224.1 213.4 214.2 211.2	107.3 107.5 102.5 146.5	16.1 20.5 26.0 23.3	87.4 87.4 91.0 91.1	11.0 11.9 12.7 13.1	10.3 11.0 11.2 11.4	27.5 28.8 31.5 32.9	15.3 16.6 18.1 17.7	17.4 16.8 15.6 13.9	9.0 9.2 8.8 8.4	23.6 27.1 26.7 25.5	47.7 51.3 53.8 55.0	25.8 27.1 30.4 31.0	148.0 155.5 159.5 169.7	
	6.0 4.8 3.4 3.0	92.0 88.1 91.3 89.5	207.7 195.3 198.6 184.8	142.5 102.2 141.7 121.7	26.4 27.1 32.9 38.6	94.9 91.7 97.3 95.0	13.6 13.5 14.1 14.5	11.8 12.5 13.3 13.7	34.5 34.8 36.6 36.9	18.9 19.7 20.9 22.3	13.5 13.2 12.6 12.0	8.6 8.4 8.4 8.3	23.2 21.6 19.9 16.8	55.6 56.2 58.1 60.6	31.6 27.6 28.8 28.8	171.1 169.0 175.2 173.1	21 22 23 24
	2.2 2.3 2.7 2.7	97.2 95.7 92.1 89.2	175.7 174.0 165.0 156.2	115.2 151.7 132.3 98.7	33.7 39.1 38.9 50.7	87.8 89.0 87.7 84.3	15.1 15.3 15.5 16.6	14.0 14.3 14.4 15.5	39.2 38.8 39.4 41.7	25.4 23.5 23.5 26.0	·11.9 11.5 11.7 12.4	8.1 7.8 8.0 8.1	15.3 14.6 12.4 11.3	59.4 60.7 56.7 56.5	29.4 30.1 30.2 27.9	173.0 175.5 174.4 175.3	25 26 27 28
	2.5 3.1 4.0 4.0	93.0 89.9 94.0 95.9	159.6 147.9 171.6 169.9	207.3 223.0 588.5 164.5	53.7 55.2 72.2 75.2	88.8 88.2 97.4 104.9	19.0 16.9 22.3 16.4	15.2 14.5 16.0 15.7	43.6 40.9 47.3 46.1	25.6 24.6 29.0 29.3	10.2 11.5 12.3 13.0	6.8 7.2 6.5 6.9	10.3 9.3 9.8 8.6	60.7 62.8 73.2 78.4	31.7 32.7 34.0 34.2	179.3 173.2 192.7 198.1	29 30 31 32
	2.7 1.1 1.0 0.7	94.7 94.5 93.6 91.1	167.2 163.9 158.2 154.6	163.3 145.9 132.4 140.8	75.5 67.5 75.1 86.7	103.1 101.5 99.2 99.7	15.9 14.7 15.3 15.4	15.9 14.9 15.7 14.9	46.4 43.2 42.6 43.2	31.1 33.5 36.2 40.0	13.7 16.2 16.1 15.4	6.3 5.9 6.2 6.1	7.1 5.8 4.2 3.8	75.5 68.7 73.5 80.9	32.9 29.0 31.3 35.9	198.0 199.0 206.5 216.2	33 34 35 36
	0.4 0.3 0.1 0.0	91.9 91.8 95.8 95.5	158.7 156.4 158.9 153.0	158.4 145.4 155.9 148.1	79.6 86.8 115.4 101.8	99.7 94.2 94.8 92.5	14.4 15.5 15.3 15.1	14.6 14.5 15.2 15.7	41.6 39.8 37.7 36.5	39.0 38.4 35.3 36.0	15.6 16.0 15.3 16.0	5.4 5.5 4.6 4.2	2.8 2.1 1.8 1.2	79.0 82.3 82.7 78.7	34.8 35.1 47.5 50.3	219.6 223.1 237.4 239.6	37 38 39 40
	0 0 0	95.6 104.5 98.6 105.9	152.0 166.6 154.2 161.9	150.9 180.0 156.3 169.3	112.5 115.0 123.6 118.4	91.0 100.9 95.9 101.2	15.6 15.6 15.2 14.8	15.7 16.1 16.0 14.0	35.9 36.3 35.1 33.3	40.0 41.8 42.3 39.6	16.8 14.5 12.8 13.5	4.8 4.9 3.9 2.1	0.8 · 0.7 0.4	82.1 94.1 94.0 81.3	58.0 64.0 71.3 75.5	245.0 269.3 270.2 291.3	41 42 43 44
	0.0 0.0	108.6 105.2 103.9 106.9 106.9	163.7 151.8 145.4 140.0 137.4	192.1 169.3 161.3 197.2 202.2	111.5 100.3 104.9 118.5 142.7	102.4 96.3 90.6 89.9 88.6	15.1 13.3 12.8 13.4 13.4	14.0 12.9 11.9 12.0 12.0	35.5 32.8 32.0 30.4 32.4	29.9 29.7 29.4 28.1 30.3	12.2 11.3 10.3 10.4 10.2	1.3 1.1 1.2 1.2 1.2		85.4 81.4 72.5 83.8 72.3	79.8 82.3 91.5 100.3 117.5	301.6 295.9 307.1 317.2 340.5	45 46 47 48 49

## VITAL STATISTICS OF THE UNITED STATES

#### TABLE XII.—CRUDE DEATH RATES FOR SELECTED CAUSES, BY PLACE

(Exclusive of stillbirths and of deaths among armed forces overseas.

		I		Come 2		·							D-24			
	AREA	Total deaths	Typhoid and para- typhoid féver	Cerebro- spinel (meningo- coccus) menin- gitis	Scarlet fewer	Whoop- ing caugh	Digh- the- ria	Tuber- culosis (all forms)	Dysen- tery	Malaria	Syph- ilis	Measles	Polio- myelitis, polio- encepha- litis (acute)	Cuncer and other malignant tumors	Acute rheu- metic fever	Diabetes mellitus
			1,2	6	6	9	10	15-22	27	za	30	35	36	45-55	58	61
1	UNITED STATES	988.5	0.2	0.6	0.0	0.8	0.4	30.0	0.7	0.1	8.0	0.6	1.3	134.9	0.6	26.4
	GEOGRAPHIC DIVISIONS															
2 3 4 5 6 7 8 9	New England Middle Atlantic Bast North Central West North Central South Atlantic Bast North Central West South Central Mountain Pacific	1,098.7 1,070.4 1,016.5 1,001.6 931.2 939.4 860.2 951.9 935.2	0.1 0.1 0.2 0.3 0.2 0.3 0.2	0.5 0.7 0.5 0.7 0.5 0.7 1.0 0.5 0.7	0.1 0.0 0.0 0.1 0.0 0.1 0.0	0.3 0.3 0.4 0.6 1.4 1.7 1.6 2.2 0.2	0.4 0.1 0.2 0.3 0.8 1.0 0.7 0.7	27.1 32.6 25.3 17.0 33.2 39.8 34.6 34.6 28.7	0.3 0.1 0.2 0.2 0.7 1.4 3.6 1.6 0.3	0.0 0.0 0.0 0.2 0.3 0.5	5.9 7.8 8.0 6.4 9.4 9.2 7.6	0.3 0.8 0.7 0.4 0.9 0.9	0.1 0.5 1.1 2.7 1.2 0.6 1.8 1.6 2.8	176.7 165.8 146.8 146.0 100.8 97.0 97.6 105.2 131.8	0.3 0.7 0.5 0.5 0.9 1.2 0.6 0.8	35.3 38.5 30.3 26.4 19.7 14.8 15.2 17.4 20.4
	NEW ENGLAND	7 700 0			0 "									163.9		27.2
11 12 13 14 15 16	New Hempshire  Vermount  Wassachusetts  Rhode Island  Commetticut	1,108.9 1,180.1 1,128.4 1,134.3 1,099.1 983.9	0 0 0.1 0 0.1	0.4 0.4 0.8 0.5 0.3 0.5	0.3 0.3 0.0 0.1 0	0.6 0.8 0.3 0	0.3 0 0.6 0.1 0.1	21.9 13.8 31.7 29.6 26.7 26.5	0.2 0.3 0.5 0.3 0.1	0 0 0.1 0	5.1 9.0 3.6 5.6 6.0 6.6	0.7 0.4 0 0.4 0.1 0.1	0.1 0.2 0.6 0.1 0	184.3 166.1 183.0 161.2 173.5	0.3 0.2 1.1 0.3 0.3 0.2	33.3 29.2 36.7 45.4 33.7
17	MIDDLE ATLANTIC	1,112.0	0.0	0.4	0.0	0.2	0.1	36.0	0.1	0-0	8.4	0.3	<b>0.4</b>	179.4	0.6	43.0
18 19	New Jersey	1,008.3	0.1 0.1	0.5 0.5	0.0 0.1	0.1 0.5	0.1	29.2 29.4	0.1 0.1	0.0	7.2 7.4	0.4 0.2	0.9 0.4	161.8 149.0		32, 8 33, 9
	EAST NORTH CENTRAL															no 7
20 21 22 23 24	Ohio	1,031.5 1,009.5 1,094.0 913.5 986.8	0.2 0.1 0.1 0.1 0.1	0.8 0.9 0.6 0.5 0.4	0.1 0.1 0 0.0 0	0.7 0.5 0.3 0.1 0.4	0.3 0.4 0.1 0.1 0.1	27.4 23.4 31.8 25.6 14.4	0.3 0.3 0.2 0.3 0.1	0.0 0.1 0.1 0.0 0.1	10.2 8.0 7.5 8.1 4.4	0.8 0.9 1.0 0.7 0.5	1.1 0.7 0.8 0.9 2.8	144.8 134.8 165.8 128.8 151.5		29. 7 26. 1 33. 6 28. 3 32. 2
	WEST NORTH CENTRAL															
25 26 27 29 30 31	Minnesota  Iowa  Nissouri  North Dakota  South Dakota  Nebraska  Kansas	933.9 997.9 1,098.5 884.2 950.2 983.2 979.1	0.1 0.3 0 0 0.1 0.1	0.4 0.7 0.5 1.0 0.2 0.3 0.7	0.1 0.0 0.1 0.3 0 0.1 0.1	0.5 0.1 0.9 0.3 1.5 0.5	0.5 0.1 0.3 1.0 0.2 0.1	16.8 9.5 26.1 10.7 18.5 13.0	0.1 0.2 0.6 0.2 0 0.1 0.1	0.0 0.1 0.2 0 0	4.6 5.5 9.4 2.9 5.4 5.3 6.2	0.4 1.0 0.8 1.2 0.8 0.9	3.6 2.9 0.8 1.5 14.7 2.2	145.0 149.0 157.5 111.9 119.5 151.3 135.5	0.6 0.5	26.4 28.3 25.4 29.4 26.5 29.8 22.6
	BOUTH ATLANTIC		-								:					
32 33 34 35 36 37 39 40	Delaware Maryland District of Columbia Virginia Worth Carolina South Carolina Coergia Florida	1,135.7 1,041 3 949.8 949.7 921.0 794.1 906.0 932.3 1,019.2	0.7 0.2 0.3 0.3 0.3 0.2 0.8 0.8 0.3	1.0 0.4 0.3 0.9 1.4 0.5 0.7 0.6 0.5	0.0 0.0 0.2 0.0 0.1 0.0	0.7 0.3 0 1.3 1.9 1.2 3.9 1.3	0.3 0.4 0.2 0.5 1.0 0.8 2.1 0.9	39.7 46.9 51.1 35.6 32.5 25.0 27.6 31.6 30.7	0.3 0.2 0.1 0.4 0.8 0.4 0.6 1.6	0 0 0 0.1 0.0 0.8 0.1 0.5	10.3 12.8 13.3 9.2 8.6 5.1 11.6 8.9 11.2	0.4 0.3 0.5 1.6 0.2 0.2 0.2	1.0 0.5 0.2 1.0 0.7 3.8 0.8 0.2	144.7' 138.5 138.9 99.6 98.1 75.2 75.5 92.7 122.9	0.6 0.3 1.3 1.2	38.3 30.5 25.5 21.5 19.6 14.8 15.9 14.5 20.8
	BAST SOUTH CENTRAL		:													
41 42 45 44	Kentucky	982.1 906.8 917.6 980.1	0.4 0.3 0.2 0.1	1.3 0.8 1.1 0.9	0.1 0.3 0.1 0.0	2.0 1.4 2.0 1.4	1.1 0.7 1.3 0.7	45.2 44.8 35.2 31.5	2.3 0.8 1.0 1.4	0.1 0.3 0.6 0.5	6.7 6.9 9.9 9.9	1.4 0.7 0.5 1.2	0.4 1.0 0.6 0.3	108.9 95.7 91.5 90.4	1.5	16.4 13.8 14.1 14.9
45 46 47 48	WEST SOUTH CENTRAL Arkanssa	786.0 909.3 831.3 871.6	0.4 0.5 0.3 0.3	0.4 0.9 0.4 0.5	0.1 0.1 0 0.0	1.6 1.5 1.9 1.6	0.5 0.7 0.7 0.8	37.5 36.5 26.4 35.7	0.8 0.5 1.2 6.3	1.1 0.7 0.3 0.4	7.6 15.6 7.2 8.0	1.0 0.6 0.4 1.2	0.7 0.7 1.5 2.6	86.7 106.2 108.3 94.1	0.6 0.4	11.9 17.6 17.3 14.6
49	Montana	1,151.5	o	0.2	o	1.2	0.6	20.6	0.2	0	7.6	2.3	1.2	141.7		23.1
50 51 52 53 54 55 56	Idaho Wyuning Colorado New Mexico Artzone Utah Revada	837.2 836.8 1,049.4 982.3 935.5 756.7 990.2	0.2 0 0.1 0.9 0.4 0	1.0 0.7 0.8 0.4 0.4 1.0	0 0.3 0 0 0.1	0.5 1.1 2.0 7.5 2.8 0.7	0.5 0.4 0.7 1.6 1.0 0.4	11.9 10.5 30.2 53.1 82.4 10.3 43.9	0.4 0.8 6.8 2.8 0.6	000000	3.2 7.7 8.8 11.0 6.9 4.5 9.1	0.5 3.9 0.5 1.6 3.0 0.3	1.0 2.8 1.0 1.5 2.6 1.8 1.2	98.1 89.1 150.9 77.9 86.6 84.3 115.9	0.7 0.5 1.8 0.4 1.3	19.5 16.5 20.0 9.6 13.9 18.1 15.2
57	PACIFIC Washington	901. a	0.0	0.2	a	0.2	0.4	24.3	0.2	0.1	5.4	0.4	1.7	123.5	0.4	19.8
58 59	Oregon California	859.1 955.2	0.1	0.2	0.0	0.3	0.4 0.4	15.2 31.9	0.1 0.4	0.0	6.1 8.4	0.2 0.4	0.B 3.4	118.4 135.9	0.3	16. 7 21. 1

## SUMMARY AND RATE TABLES

### OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1948

Numbers under causes of death are International List numbers, 1938 revision)

Pellagra (except alco- · holic)	Intra- cranial lesions of vas- cular origin	Diseases of the heart	Prevmonia (all forms) and in- fluenza	Diarrhea, enteri- tis, and ulcera- tion of intes- times	Nephritio	Diseases of pregnancy, childbirth, and the puerperium	Congeni- tal malfor- mations	Premature birth	Other diseases peculiar to early infancy	Suicide	Homi- cide	Motor- vehicle accidents	Other accidents	Senility, ill- defined and unknown causes	All other causes	
69	83	90-95	107- 109,33	119,120	130-132	140-150	1,57	159	158, 160,161	163,164	165~168	170	169, 171-195	162, 199.200		ľ
0.4	89.7	. 322.7	38.7	6.0	53.0	2.0	13.2	26.7	15.4	11.2	5.8	22.1	45.0	18.7	112.5	1
	-	,														1
0.1 0.0 0.1 0.1 1.1 1.4 1.2 0.2	95.0 107.2 94.9 94.9 76.4 71.6	412.2 402.5 347.9 323.7 260.9 236.5 230.3 254.4 313.3	36.8 35.2 33.3 37.6 41.3 50.1 44.7 48.4 37.6	3.3 2.8 4.7 4.1 6.2 8.7 15.3 16.5	48.6 50.0 55.0 52.2 68.6 64.3 46.1 44.3 39.4	1.8 1.9 2.0 4.6 5.6 4.1 5.4	14.3 12.4 14.0 13.4 13.1 12.4 12.1 15.8 12.9	21.6 22.6 25.4 23.5 33.0 32.7 32.1 34.8 23.6	13.2 12.5 14.1 14.9 18.5 19.0 16.9 22.6 14.8	11.1 11.4 11.5 11.7 10.2 7.7 7.6 13.6 16.3	1.5 2.9 4.2 3.2 11.7 13.3 8.9 4.8	13.2 14.9 25.1 22.8 23.5 23.5 24.1 34.1 27.4	44.6 42.7 44.6 49.8 45.7 43.4 43.3 60.7 43.0	6.5 7.2 8.6 14.5 26.5 63.4 33.0 35.6	122.9 122.2 115.6 119.7 102.2 94.2 96.9 116.8 115.1	2 3 4 5 6 7 8 9
0 0.8 0.0 0	117.2 101.7 105.2 93.4	374-9 431.0 392.3 440.3 421.7 358.7	47.7 45.1 42.1 39.8 30.7 24.0	5.7 3.4 2.2 3.3 3.0 2.4	61.0 52.0 52.9 42.3 61.3 42.0	2.0 2.9 2.5 1.6 3.0	15.6 15.9 17.4 13.8 13.8	21.2 27.0 24.8 21.4 24.2 19.2	18.2 .12.8 14.9 12.5 12.9 12.5	13.4 15.3 13.5 10.3 6.6 12.1	1.7 1.0 0.8 1.4 2.7 1.7	19.3 18.2 25.4 11.2 10.1 13.2	45.5 40.0 53.4 46.6 42:1 40.2	18.0 13.2 7.7 3.6 3.8 7.2	126.1 143.2 143.5 123.2 129.3 109.3	11 12 13 14 15 16
0.0	85.3	433.8 369.4 375.0	37.1 28.1 35.7	2.7 1.9 3.4	40.5 53.6 61.2	1.8 1.6 2.2	12.7 11.5 12.5	23.0 21.3 22.6	12.2 12.0 13.1	11.4 12.5 11.0	3.0 2.6 2.9	13.9 12.9 17.1	44.5 37.4 42.6	5.1 4.8 11.2	124.0 119.7 120.9	17 · 18 19
0.0 0.1 0.1 0.1 0.0	107.5 87.0 84.3	337.2 317.2 409.8 302.0 339.4	36.0 35.6 33.1 30.8 29.3	6.2 5.6 3.0 5.4 3.2	55.6 72.0 61.6 59.9 44.8	2.0 2.3 1.8 1.9 2.5	13.9 14.0 13.0 15.2 14.8	24.9 25.3 23.4 29.5 23.8	15.9 12.8 13.1 13.6 14.9	12.4 12.8 10.6 10.4 12.2	4.5 4.2 5.7 3.4 0.9	24.9 27.4 23.4 25.8 25.5	44.5 48.0 45.5 40.0 46.9	12.9 7.7 3.7 9.2 10.2	119.1 120.2 116.6 108.3 113.0	20 21 22 23 24
0.1 0.0 0.1 0 0 0	113.3 110.7 94.5 102.3 101.9	303.6 329.4 363.6 264.4 271.4 302.2 314.9	27.7 37.0 34.2	2.6 3.7 5.2 5.7 4.3 3.3 4.5	27.6 50.0 71.8 40.5 36.5 50.6 62.8	1.6 1.8 2.3 2.7 2.8 1.7 1.8	14.8 14.4 12.3 12.9 15.2 13.2 11.9	24.4 22.2 21.2 31.6 32.6 27.1 20.5	15.7 14.1 15.1 19.1 14.2 12.9 14.8	11.0 8.2	1.9 1.4 6.2 0.9 2.0 2.5 3.3	20.2 23.0 22.6 19.8 25.4 21.7 26.3	46.1 52.0 47.5 55.6 55.6 51.5	9.6 11.0 15.0 26.5 26.2 20.1 14-4	118.9 115.3 123.7 112.7 126.5 122.6 116.8	25 26 27 28 29 30 31
0.1 0.1 0.8 0.8 0.1.1 1.7 2.6	79.0 65.2 103.5 87.1 88.3 99.0	378.7 357.2 286.4 271.9 246.8 211.9 232.7 230.5 287.8	30.4 42.2 44.8 38.8 50.2 46.9	3.3 3.1 1.5 6.2 9.4 6.0 7.0 7.9 5.6	96.7 76.9 82.2 64.3 48.7 64.0 75.3 78.7	2.7 2.3 2.2 3.1 5.5 6.9 6.3	10.0 14.2 10.4 13.9 16.9 13.5 11.3	28.7 25.3 26.9 37.0 35.0 34.5 35.0 32.3	13.3 15.5 16.0 20.1 20.1 18.5 20.5 18.5	11.2 11.0 10.2 8.5 5.4 8.6	6.0 8.2 9.7 9.8 7.9 11.0 12.6 16.9	25.0 19.2 12.1 22.9 23.9 21.8 27-0 24.6 28.4	48.3 42.9 48.8 45.0 65.6 37.3 41.7 42.8 52.1	15.0 4.0 3.0 18.2 35.3 24.1 44.9 54.5	128.7 112.3 113.0 107.0 98.3 81.5 92.4 103.9 121.0	32 33 34 35 36 37 38 39 40
0.5 1.4 2.4 1.4	94.9	274.8 234.6 222.1 207.4	49.6 50.2	15.4 8.6 6.1 8.1	60.8 53.7 69.6 77.8	4.1 4.5 6.7 8.0	14.0 13.3 12.1 9.5	29.2 31.5 37.0 33.4	18.9 18.7 18.6 20.1	8.2 6.7	11.0 16.1 15.2	25.5 20.4 25.6 21.8	49.4 36.3 43.1 46.1	22.3 61.3 63.6 121.8	109.0 91.1 85.1 91.2	41 42 43 44
0.8 0.6 1.6 1.3	75.7 88.2	204.8 281.5 225.1 220.7	49.7 36.4	5.2 5.9 5.1 24.4	53.1 54.5 45.2 41.5	<sup>,</sup> 2.5	9.1 12.5 11.2 13.0	19.7 36.7 27.5 35.1	11.4 21.3 14.2 17.6	5.9 7.5	7.4 9.0 5.2 10.4	19.8 19.5 22.6 27.3	42.4 41.8 43.1 44.2	39.1 16.5 31.6 37.7	86.1 91.1 98.0 101.4	* 47
0.2 0.2 0.7 0.3 0.6	76.3 60.0 83.2 47.8 55.8 58.7	236.7 283.5	31.9 42.1 56.8 70.1 58.9 27.9	3.7	48.3 47.1 48.4 58.6 35.7 32.2 32.5	2.2 2.8 2.7 8.6 3.6 1.8	12.3 • 14.7 14.7 17.3 19.3 16.2 13.9 15.2	31.5 29.2 35.4 31.1 55.9 34.4 30.7 36.6	19.6 19.1 20.0 22.7 29.9 24.1 22.4 18.3	16.6 13.3 15.7 8.1 14.2 5.5	2.9 3.4 4.2 4.8 7.5 6.2 1.9	32.3 33.4 39.3 28.6 39.6 35.9 33.7 47.0	80.2 60.9 62.5 63.2 55.5 56.2 47.5	40.3 22.9 14.7 12.6 114.5 38.6 26.0 22.6	145.4 94.0 102.1 139.7 104.7 117.3 90.1 115.9	51 52 53 54 55
0.1 0.1 0.1	. 85.1	296.8 260.9 325.6	32.3	2.0 2.1 5.3	38.7 57.3 36.7	1.2 0.9 2.0	11.8 12.4 13.2	24.1 20.0 24.0	14.6 12.8 15.1	13.5		22.6 25.4 28.8	51-6 55-0 39-1	20.7 20.3 6.0	103.5 99.1 120.4	58

## VITAL STATISTICS OF THE UNITED STATES

#### TABLE XIII.-POPULATION ESTIMATES AS OF JULY 1:

==		194	ю	194	1	194	2	194	13
	ATEA	Total <sup>1</sup>	Civilian	Total <sup>1</sup>	Civilian	Total <sup>1</sup>	Civi3ian	Total <sup>1</sup>	Civilian
1	united states	131,954,000	131,659,000	133,060,000	131,558,000	133,771,000	130,875,000	133,966,000	127,410,000
s	Alabama	2,825,000	2,821,000	2,826,000	2,794,000	2,815,000	2,751,000	2,814,000	2,665,000
3 4	Arizona	506,000	505,000	532,000	524,000	595,000	558,000	690,000	547,000
5	California	1,950,000 6,980,000	1,950,000 6,930,000	1,955,000 7,376,000	1,930,000 7,195,000	1,924,000 7,862,000	1,885,000 7,444,000	1,876,000 8,376,000	1,800,000 7,490,000
6	Colorado	1,136,000	1,133,000	1,146,000	1,139,000	1,133,000	1,110,000	1,166,000	1,064,000
7	Connecticut	1,708,000	1,706,000	1,717,000	1,714,000	1,773,000	1,758,000	1,757,000	1,723,000
8	Delsware	269,000	268,000	273,000	272,000	270,000	266,000	271,000	261,000
9	District of Columbia	679,000	674,000	764,000	754,000	624,000	799,000	883,000	621,000
1.0	Florida	1,914,000	1,904,000	2,032,000	1,961,000	2,139,000	1,974,000	2,313,000	1,910,000
11	Georgia	3,108,000	3,091,000	5,190,000	3,103,000	3,197,000	3,039,000	3,179,000	2,927,000
12	Idaho	529,000	529,000	521,000	521,000	523,000 1 7,690,000	521,000	535,000	504,000
		7,892,000	7,882,000	7,884,000	7,641,000		7,806,000	7,671,000	7,494,000
14	Indiana	3,437,000	3,435,000	3,479,000	3,473,000	3,520,000	3,606,000	3,528,000	3,462,000
15	Iowa	2,542,000	2,540,000	2,523,000	2,522,000	2,478,000	2,476,000	2,407,000	2,381,000
1.6	Kansas	1,798,000	1,793,000	1,794,000	1,775,000	1,609,000	1,778,000	1,814,000	1,721,000
17	Kentucky	2,856,000	2,848,000	2,814,000	2,805,000	2,777,000	2,720,000	2,737,000	2,600,000
18	Louisiana	2,366,000	2,362,000	2,459,000	2,393,000	2,501,000	2,368,000	2,549,000	2,313,000
19	Maine	847,000	845,000	844,000	840,000	828,000	819,000	802,000	762,000
20	Maryland	1,835,000	1,823,000	1,909,000	1,857,000	1,978,000	1,897,000	1,993,000	1,879,000
21	Massachusetts	4,309,000	4,305,000	4,324,000	4,261,000	4,290,000	4,197,000	4,201,000	4,057,000
23	Michigan	5,278,000	5,275,000	5,332,000	5,304,000	5,334,000	5,309,000	5,385,000	5,312,000
23	Minnesota	2,800,000	2,798,000	2,789,000	2,786,000	2,737,000	2,730,000	2,646,000	2,627,000
24	Mississippi	2,183,000	2,185,000	2,283,000	2,229,000	2,293,000	2,181,000	2,352,000	2,104,000
25	Missouri	3,797,000	3,795,000	3,841,000	3,799,000	3,899,000	3,814,000	3,789,000	3,647,000
26	Montana	560,000	560,000	555,000	555,000	528,000	528,000	488,000	478,000
27	Nebraska	1,315,000	1,313,000	1,280,000	1,277,000	1,251,000	1,245,000	1,271,000	1,227,000
29 28	Nevada	112,000	112,000	118,000	13.7,000	131,000 490,000	125,000	142,000	126,000
	New Hempshire	492,000	491,000	493,000	489,000	·	482,000	470,000	462,000
30	New Jersey	4,154,000	4,150,000	4,166,000	4,121,000	4,168,000	4,104,000	4,149,000	4,016,000
31	New Mexico	536,000	536,000	539,000	537,000	537,000	525,000	542,000	498,000
32	New York	13,460,000	13,438,000	13,353,000	13,302,000	13,193,000	13,103,000	12,921,000	12,660,000
33	North Carolina	3,584,000	3,578,000	3,870,000	3,597,000	3,667,000	3,551,000	3,690,000	3,419,000
34	North Dakots	639,000	639,000	616,000	616,000	580,000	580,000	535,000	532,000
35	Ohip	6,905,000	6,902,000	6,898,000	6,894,000	6,878,000	6,860,000	6,763,000	6,712,000
36	Oklahoma	2,321,000	2,315,000	2,060,000	2,035,000	2,074,000	2,026,000	2,286,000	2,149,000
37	Oregon	1,102,000	1,102,000	1,141,000	1,133,000	1,160,000	1,150,000	1,257,000	1,183,000
38	Pennsylvania	9,951,000	9,926,000	9,877,000	9,853,000	9,758,000	9,728,000	9,517,000	9,412,000
39	Rhode Island	711,000	706,000	707,000	696,000	714,000	690,000	733,000	677,000
40 41	South Caroling South Dakotg	1,894,000	1,885,000	1,965,000	1,889,000	2,006,000 577,000	1,879,000 574,000	1,967,000 568,000	1,813,000 540,000
	1	<i>'</i>	´	´		'	, l	· 1	·
42	Теппевсе	2,933,000	2,933,000	2,973,000	2,948,000	2,925,000	2,899,000	2,951,000	2,809,000
43	Texas	6,426,000	6,403,000	6,589,000	6,440,000	6,690,000	6,427,000	6,956,000	6,230,000
44 45	Vtah	555,000 360,000	554,000 358,000	569,000 353,000	566,000 349,000	599,000 343,000	583,000 342,000	643,000 325,000	589,000 316,000
		, i	•	•			·	•	
46	Virginia Washington	2,721,000	2,686,000	2,803,000	2,698,000	3,002,000	2,776,000	2,972,000	2,650,000
47	Washington West Virginia	1,752,000	1,736,000	1,819,000	1,756,000	1,920,000	1,808,000	2,036,000 1,777,000	1,658,000
48 49	Wisconsin	1,913,000 3,141,000	1,913,000 5,140,000	1,912,000 3,121,000	1,911,000 3,121,000	1,680,000 3,037,000	1,879,000 3,032,000	3,000,000	2,940,000
50	Wyoming	255,000	251,000	268,000	259,000	279,000	260,000	272,000	248,000
	.,	200,000	352,300	223,500		2.2,300			

<sup>1</sup>Excluding armed forces overseas; including armed forces present in area. Unrounded population figures used in computing death rates for the United States, 1940-45, are given in table F.

NOTES. —For estimated total population or the United States for 1940-48, including armed forces oversees, see table F. For total populations for 1900, 1910, 1920-39, see "Yital Statistics of the United States, Part I, 1942," table VIII.

For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. "Current Population Reports": 1948 from Series P-25, No. 26; 1940-47 from Series P-25, No. 12, except United States totals for 1947 which are from P-25, No. 27.

UNITED STATES AND EACH STATE, 1940-48

Π	.948	19	147	19	L6	19	45	19	944	1:
1	Civilian .	Total <sup>1</sup>	Civilian	Total <sup>1</sup>	Civilian	Total <sup>1</sup>	Civilian	Total <sup>1</sup>	Civilian	Total <sup>2</sup>
<u>.</u> ] :	145,290,000	146,113,000	142,650,000	143,405,000	138,400,000	139,899,000	127,452,000	132,019,000	126,536,000	. 132,552,000
,]	2,891,000	2,901,000	2,827,000	2,834,000	2,774,000	2,808,000	2,611,000	2,696,000	2,631,000	2,746,000
) :	694,000	704,000	637,000	644,000	591,000	596,000	529,000	570,000	535,000	598,000
)	1,936,000 10,217,000	1,937,000 10,354,000	1,912,000	1,913,000 9,812,000	1,874,000 9,262,000	1,882,000 9,471,000	1,765,000 8,363,000	1,829,000 9,073,000	1,774,000	1,845,000 8,697,000
	1,185,000	1,199,000	1,127,000	1,144,000	1,099,000	1,134,000	1,010,000	1,071,000	1,025,000	1,115,000
51	1,985,000	1,989,000	1,970,000	1,974,000	1,907,000	1,912,000	1,729,000	1,747,000	1,715,000	1,744,000
	300,000	500,000	290,000	291,000	280,000	281,000	263,000	273,000	263,000	274,000
ㅣ	837,000	863,000	831,000	861,000	815,000	643,000	824,000	880,000	830,000	894,000
ı [ر	2,394,000	2,430,000	2,280,000	2,328,000	2,176,000	2,238,000	1,964,000	2,294,000	1,925,000	2,279,000
) ] ]	3,143,000	3,167,000	3,114,000	3,138,000	3,089,000	3,129,000	2,849,000	3,040,000	2,871,000	3,131,000
	586,000	586,000	525,000	525,000	522,000	524,000	482,000	522,000	490,000	559,000
1	8,300,000	8,348,000	8,364,000	8,397,000	7,918,000	8,000,000	7,346,000	7,521,000	7,368,000	7,601,000
)   3	3,915,000	3,917,000	3,833,000	3,835,000	3,723,000	3,746,000	3,433,000	3,484,000	3,424,000	3,479,000
1 2	2,612,000	2,612,000	2,590,000	2,591,000	2,559,000	2,562,000	2,377,000	2,400,000	2,341,000	2,370,000
12	1,881,000	1,895,000	1,913,000	1,925,000	1,851,000	1,877,000 2,745,000	1,709,000 2,510,000	1,793,000	1,709,000 2,541,000	1,823,000 2,657,000
1 3	2,829,000	.2,856,000	2,761,000	2,780,000	2,698,000	2,145,000	2,510,000	2,366,000	2,591,000	2,057,000
1 3	2,581,000	2,591,000	2,535,000	2,544,000	2,477,000	2,528,000	2,291,000	2,405,000	2,279,000	2,504,000
1 3	895,000	898,000	884,000	885,000	861,000	863,000	788,000	801,000	778,000	797,000
1 2	2,124,000	2,155,000	2,111,000	2,139,000	2,045,000	2,123,000	1,671,000	1,979,000	1,859,000	1,999,000
2	4,624,000	4,638,000	4,623,000	4,635,000	4,482,000	4,504,000	4,068,000	4,166,000	4,028,000	4,130,000
2	6,209,000	6,216,000	6,059,000	6,069,000	5,855,000	5,870,000	5,388,000	5,425,000	5,327,000	5,381,000
	2,933,000	2,934,000	2,868,000	2,888,000	2,826,000	2,830,000	2,612,000	2,625,000	2,597,000	2,613,000
2	2,104,000 3,890,000	2,114,000 3,892,000	2,087,000 3,901,000	2,096,000 3,903,000	2,041,000 3,817,000	2,060,000 3,827,000	2,040,000 3,524,000	2,131,000 3,600,000	2,043,000 3,547,000	2,249,000 3,653,000
1	' '		, ,		· ·	· · ·		· · ·		457 000
3	509,000	511,000	487,000	488,000	477,000	478,000 1,285,000	1,187,000	446,000 1,230,000	449,000 1,184,000	453,000 1,236,000
2	1,279,000 164,000	1,283,000 164,000	1,282,000 139,000	1,284,000 139,000	1,278,000	133,000	116,000	140,000	121,000	144,000
	520,000	523,000	531,000	534,000	505,000	508,000	460,000	456,000	455,000	464,000
١,	4,730,000	4,768,000	4,582,000	4,627,000	4,420,000	4,507,000	4,014,000	4,112,000	4,032,000	4,135,000
	561,000	571,000	538,000	547,000	515,000	525,000	469,000	515,000	474,000	520,000
	14,202,000	14,231,000	14,140,000	14,165,000	13,775,000	13,825,000	12,595,000	· 12,839,000	12,491,000	12,815,000
	3,757,000	3,798,000	3,660,000	3,698,000	3,600,000	3,668,000	3,341,000	3,514,000	3,384,000	3,601,000
3	582,000	582,000	541,000	541,000	536,000	536,000	509,000	510,000	509,000	510,000
3	7,832,000	7,842,000	7,667,000	7,675,000	7,463,000	7,481,000	6,822,000	5,873,000	6,794,000	6,839,000
3	2,285,000	2,295,000	2,275,000	2,284,000	2,284,000	2,297,000	2,101,000	2,195,000	1,960,000	2,075,000
3	1,638,000	1,639,000	1,544,000	1,545,900	1,430,000	1,434,000	1,299,000	1,311,000	1,269,000	1,305,000
3	10,464,000	10,478,000	10,498,000	10,512,000	10,182,000	10,202,000	9,300,000	9,352,000	9,293,000	9,371,000
	739,000	745,000	740,000	745,000	731,000	741,000	675,000	735,000	670,000	760,000
	1,950,000	1,982,000	1,929,000	1,951,000	1,876,000	1,902,000	1,800,000 510,000	1,909,000 539,000	1,801,000 514,000	1,948,000 538,000
4	608,000	611,000	575,000	578,000	550,000	551,000	510,000	338,000	314,000	330,000
4	3,170,000	3,179,000	3,086,000	3,091,000	2,992,000	3,002,000	2,770,000	2,817,000	2,791,000	2,858,000
4	7,293,000	7,371,000	7,030,000	7,104,000	6,815,000	6,986,000	6,255,000	6,708,000	6,212,000	6,847,000
4	667,000 363,000	670,000 363,000	638,000 365,000	640,000 366,000	622,000 351,000	635,000 351,000	572,000 325,000	597,000 325,000	574,000 314,000	596,000 314,000
1		•	· 1	•	٠.١	-		•	_	
14	2,996,000	3,051,000	2,955,000	2,999,000	2,880,000	2,980,000 2,293,000	2,663,000	2,935,000 2,175,000	2,624,000 1,963,000	3,053,000 2,100,000
14	2,429,000	2,463,000 1,911,000	2,319,000	2,357,000 1,682,000	1,829,000	1,830,000	1,689,000	1,696,000	1,713,000	1,717,000
4	3,298,000	3,300,000	3,246,000	3,247,000	3,149,000	3,154,000	2,916,000	2,935,000	2,906,000	2,953,000
ĺŝ	280,000	285,000	260,000	265,000	260,000	263,000	240,000	252,000	239,000	262,000

Table XIV.—ESTIMATED POPULATION INCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX: UNITED STATES, JULY 1, 1948

AGE		ALL RACES			WHITE			NONWHITE	
1100	Both sexes	Male	Female	'Both sexes	Male	Female	Both sexes	Male	Female
AXI. AGES	146,571,000	72,969,000	73,602,000	131,119,000	65,393,000	65,726,000	15,452,000	7,576,000	7,876,000
Under 1 year 1	3,235,000	1,654,000	1,581,000	2,861,000	1,466,000	1,395,000	574,000	1.88,000	186,000
1-4 years1	11,653,000	6,045,000	5,808,000	10,388,000	5,314,000	5,074,000	1,465,000	731,000	734,000
5-9 years	12,695,000	6,578,000	6,316,000	11,191,000	5,722,000	5,469,000	1,704,000	856,000	848,000
10-14 years	10,881,000	5,527,000	5,353,000	9,439,000	4,806,000	4,633,000	1,442,000	721,000	720,000
15-19 years	10,980,000	5,559,000	5,422,000	9,634,000	4,889,000	4,745,000	1,347,000	670,000	677,000
20-24 years	12,012,000	5,997,000	6,016,000	10,647,000	5,323,000	5,324,000	1,365,000	674,000	691,000
25-29 years	12,004,000	5,883,000	6,121,000	10,717,000	5,269,000	5,448,000	1,287,000	615,000	673,000
30-34 years	11,243,000	5,457,000	5,785,000	10,064,000	4,913,000	5,151,000	1,179,000	545,000	635,000
35-39 years	10,670,000	5,234,000	5,436,000	9,594,000	4,727,000	4,867,000	1,077,000	507,000	569,000
40-44 years	9,767,000	4,826,000	4,941,000	8,816,000	4,372,000	4,444,000	951,000	454,000	<b>49</b> Β,000
45-49 years	8,939,000	4,428,000	4,511,000	8,057,000	4,006,000	4,051,000	882,000	422,000	460,000
50-54 years	8,077,000	4,026,000	4,052,000	7,391,000	3,686,000	3,705,000	686,000	340,000	347,000
55-59 years	7,222,000_	3,619,000	3,603,000	6,677,000	3,345,000	3,331,000	545,000	273,000	272,000
60-64 years	5,652,000	2,932,000	2,920,000	5,449,000	2,722,000	2,726,000	403,000	209,000	194,000
65-69 years	4,347,000	2,133,000	2,214,000	4,059,000	1,982,000	2,077,000	288,000	151,000	137,000
70-74 years	3,145,000	1,497,000	1,648,000	2,945,000	1,395,000	1,550,000	200,000	101,000	99,000
75-79 years	2,013,000	933,000	1,081,000	1,886,000	870,000	1,016,000	128,000	63,000	65,000
60-84 years	990,000	451,000	540,000	917,000	417,000	500,000	74,000	34,000	40,000
85 years and over	446,000	191,000	255,000	391,000	169,000	222,000	55,000	55,000	33,000

<sup>&</sup>lt;sup>1</sup>In order to maintain comparability with the 1940 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

NOTE .- For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables sumplied by the Bureau of the Census. Because of the probleme involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

Table XV.—ESTIMATED POPULATION EXCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX: UNITED STATES, JULY 1, 1948

		ALL RACES			WHITE			NONWHITE	
AGB	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
ALL AGES	146,113.000	72,514,000	73,599,000	130,704,000	64,981,000	65,723,000	15,410,000	7,534,000	7,876,00
Under l year <sup>1</sup>	3,235,000	1,654,000	1,581,000	2,861,000	1,466,000	1,395,000	374,000	188,000	186,00
	11,853,000	6,045,000	5,606,000	10,386,000	5,314,000	5,074,000	1,465,000	731,000	734,00
5-9 years	12,895,000	6,578,000	6,316,000	11,191,000	5,722,000	5,469,000	1,704,000	856,000	848,00
	10,861,000	5,527,000	5,353,000	9,439,000	4,806,000	4,633,000	1,442,000	721,000	720,00
	10,869,000	5,447,000	5,422,000	9,532,000	4,787,000	4,745,000	1,337,000	660,000	677,00
20-24 years	11,852,000	5,837,000	6,015,000	10,501,000	5,177,000	5,324,000	1,351,000	659,000	691,00
	11,919,000	5,799,000	6,120,000	10,639,000	5,192,000	5,447,000	1,279,000	607,000	675,00
	11,189,000	5,405,000	5,785,000	10,015,000	4,865,000	5,150,000	1,174,000	539,000	835,00
	10,643,000	5,209,000	5,435,000	9,569,000	4,703,000	4,866,000	1,074,000	505,000	569,00
	9,755,000	4,814,000	4,941,000	8,805,000	4,362,000	4,443,000	950,000	453,000	498,00
45-49 years	8,934,000	4,423,000	4.511 000	6,052,000	4,002,000	4 051,000	682,000	422,000	460,00
	8,075,000	4 024,000	4 052,000	7,389,000	3 684,000	3,705,000	686,000	339,000	347,00
	7,221,000	3,618,000	3,603,000	6,676,000	3,345,000	3,331,000	545,000	273,000	272,00
	5,852,000	2,932,000	2,920,000	5,448,000	2,722,000	2,726,000	403,000	209,000	194,00
	4,347,000	2,133,000	2 214,000	4,059,000	1,982,000	2,077,000	288,000	151,000	137,00
70-74 years	3.145,000	1,497,000	1,648,000	2,945,000	1,395,000	1,550,000	200,000	101,000	99,00
	2.013,000	933,000	1,081,000	1,886,000	870,000	1,016,000	128,000	63,000	65,00
	990,000	451,000	540,000	917,000	417,000	500,000	74,000	34,000	40,00
	446,000	191,000	255,000	391,000	169,000	222,000	55,000	22,000	33,00

<sup>&</sup>lt;sup>1</sup>In order to maintain comparability with the 1840 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables supplied by the Bureau of the Consus. Because of the problems involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

NOTE. -For discussion of population estimates used in the computation of birth and death rates, see text.

CENERAL	NATATITY	AND	MORTALITY	TARLES

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Births and deaths exclusive of stillbirths. Deaths exclusive of deaths among armed forces overseas. White and nombhite are shown separately for those counties and urban places in which the 1940 populations for nombhite races formed 10 percent or more of the total, or numbered 10,000 or more)

AREA AND RACE	Births	Deaths	AREA AND RACE	Birthe	Deaths	AREA AND RACE	Birthe	Deaths
UNITED STATES	3,535,068	1,444,337	ALABAMA—Continued			ALABAMA—Continued		
		<del></del>	Fayette	627 535	151 123	Montgomery—Continued	1	
White	3,080,316	1,270,569	Nonwhite	92	26	Belance of county	1,107	333
Nonwhite	454,752	173,748	Frenklin	813 601	194 153	White Nonwhite	534 573	179 150
AY.ABAWA	84,684	26,356	White	496	126	Morgan	1,315	39
White	53,279	I	Nonwhite	105 478	27 205	White Nonwhite	1,136 177	301 91
Nonwhite	31,405	15,292	White	30	31	Decatur	741	1.9
		]	Nonwhite	448 662	174 202	White Nonwhite	657 84	1.3 5
utaugaWhite	170	182 94	White	84	42	Belance of county	574	19
Nomhite	274	88	Nonwhite	578	160	White	481	16
aldwinWhite	924 595	316 237	Henry	456 109	132 69	Perry	93 572	36 1.84
Nonwhite	329	79	Nonwhite	347	63	White	95	40
arbour	882	300	HoustonWhite	1,507	455 315	Monwhite	477 629	144 186
White Nomwhite	356 526	113 187	Nonwhite	388	140	White	249	6
dbb	373	140	Dothan	1,177	305	Wonwhite	380	119 313
White Nonwhite	173 200	81 59	White Nonwhite	989 188	219 86	Pike White	1,005 543	162
lount	667	167	Balance of county	330	1.50	Nonwhite	462	151
ullock	430	153	White Nonwhite	130	96 54	RandolphWhite	552 376	169 126
White Nonwhite	49 381	27 126	Jackson	1,039	252	Nonwhite	176	4:
utler	983	295	Jefferson	15,170	5,246	Russell	1,090	381 164
White Nonwhite	517 466	150 145	White Wonwhite	8,924 6,246	2,802 2,444	White Nonwhite	643	51.
alhoun	2,191	526	Birmingham	10,638	5,368	Phenix City	603	21.
White Nonwhite	1,743 448	411 115	White Nonwhite	6,646 3,992	1,872 1,496	White Nonwhite	433 170	12
AnnistonAnniston	1,542	315	Bessemer	936	301	Balance of county	487	1.68
White	1,250	823	White Nonwhite	522 414	120 181	White Nonwhite	14 473	31 131
Monwhite Balance of county	292 649	211 22	Fairfield	1,720	365	St. Clair	537	184
White	493	1.88	White	762	154	White	393	14:
Nonwhite	156 769	23 324	Nonwhite	958 1,876	211 1,212	Nonwhite	144 530	20.
White	403	187	White	994	656	White	315	133
Nonwhite	366	137	Nonwhite	882 327	556 90	Nonwhite	215 707	66 221
herokee	304 636	112	White	250	70	White	96	34
White	506	134	Monwhite	77	20	Nonwhite	611	188
Nonwhite	130 562	19 158	Lauderdale White	1,478 1,258	364 282	Talladega	1,995 1,310	506 310
White	214	49	Nonwhite	220	82	Nonwhite	685	1.88
Nonvhite	368	109	Florence	1,150 1,012	237 178	TallapoogaWhite	1,082 770	305 213
larkeWhite	772 316	238 100	White Nonwhite	138	59	Nonwhite	312	92
Nonwhite	454	138	Balance of county	328	1,27	Tuscalcosa	2,359	980
Nhite	307 213	3126	White Nonwhite	246 82	104 23	White Nonwhite	1,626 733	653 <b>32</b> 7
Nomwhite	94	18	Lawrence	859	162	Tuscaloosa	1,877	545
leburne	197	58	White	632 227	121	White Nonwhite	1,502 375	362 183
offeeWhite	852 656	178 144	Nonwhite-	1,106	41 282	Balance of county	482	435
Nonvhite	196	34	White	600	112	White	124 358	291
olbertWhite	1,158 880	320 202	Nonwhite Limestone	506 1,096	170 277	Walker	1,765	144 465
Nonwhite	279	118	White	819	190	White	1,591	396
onecuh White	604 272	173 76	Norwhite	277 557	87 159	Nonwhite	172 374	69 92
Nonwhite	332	97	White	10	25	White	216	50
0068	200	91	Nonwhite	547 946	154 571	Monwhite	158 729	42 218
White Norwhite	75 125	49 42	Macon	35	39	WilcoxWhite	57	26
covington	1,104	342	Nonwhite	911	532	Nonwhite	672	192
White Nonwhite	929 175	275 67	MadisonWhite	2,060 1,393	654 430	Winston	531	131
renshew	432	166	Nonwhite	667	224	ARIZONA	19,816	7,122
White	231	107	Huntsville White	1,198 976	321 211	White	17,515	6,049
Nonwhite	201 1,418	59 295	Nonwhite	222	110	Nonwhite	2,301	1,073
ale	452	140	Balance of county	862	333	Apache	549	307
White Norwhite	288 164	109	White Nonwhite	417 445	'219 114	White Nonwhite	194 355	45 262
allas	1,946	785	Marengo	767	307	Cochise	937	373
White	675	221	White Worwhite	117 650	66	Coconino	582 392	233 141
Nonvhite Selma	1,271	564 484	Marion	563	241 113	Nonwhite	190	92
White	663	193	Marshall	1,673	353	G11a	721	232
Nonvhite Balance of county	484 799	291 301	Mobile White	7,258 4,637	2,236 1,254	White	617 104	188 44
White	12	28	Nonwhite	2,621	982	Graham	384	99
Nonwhite	787	273	Mobile	6,135	1,590 969	Maricope	421 8,619	82 2,976
e Kalb	1,093 602	253 260	White Nonwhite	4,206 1,929	621	Phoenix	6,406	1,617
White	223	125	Balance of county	1,123	646	Balance of county	2,213	1,359
Nonwhite scambia	379 1,024	135 280	White Nonwhite	431 692	285 361	Navajo	270 652	9°
White	701	189	Monroe	744	175	White	385	98
Nonvhite	323	91	White	241	72	Nonwhite	267	3 704
towah	2,787 2,348	741 599	Nonwhite	503 3,994	103 1,431	Pima	3,840 3,526	1,396 1,250
Nonvhite	439	142	White	2,244	699	Wonwhite	314	146
Gadsden	2,225	50B	Nonwhite	1,750	732	Tucson	455 3,385	51.9 877
White Nonwhite	1,904	405 101	Montgomery	2,887	1,098 524	White	3,132	762
		235			574		253	115

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

					<del></del> -		,	
AREA AND HACE	Births '	Deaths	AREA AND RACE	Births	Deaths	TAREA AND RACE	Births	Deaths
ARIZONA—Continued			ABKANSAS—Continued			ARKANSAS—Continued	l .	
Pinel	1,229	434	Jefferson	1,913	630	Sevier	377	118
White Norshite	978 251	328 106	White	934 979	296 334	White Norwhite	347 30	110
Santa Cruz	268	90	Pine Bluff	1,166	386	Sharp	121	28
Yavapai	599	380	White	835	228	Stone	60	38
Yume White	745 646	235 204	Balance of county	331 747	158 244	Union	1,193 831	324 193
Nonwhite	99	31	White	99	68	Nonwhite	362	131
ARKANSAS	48,136	14,954	Johnson	648 327	176 103	El Dorado	916 748	173 119
White	36,315	10,639	Lafayette	. 200	73	Nonwhite	168	54
Nonuhite	11,821	4,316	White Nonwhite	22 178	34 39	Balance of county	277 83	151. 74
Arkenses	599	1.15	Lawrence	540	ا تند	Nonwhite	194	77 •
White Norwhite	437 162	88 27	Lee	484 145	156 46	Van Buren	153 1,289	54. 450
Ashley	604	181	Nommite	339	110	White	1,030	285 ,
White Norwhite	317 287	87 94	Lincoln	287 87	126 52	Woodruff	449 224	107 54
Berter	348	73	Norwhite	200	74	Nommite	225	53
Bogne	823 553	344 125	Little River	266 158	66 J	Yell	21.8	67
Bradley	51.6	133	Nonwhite	108	27	GALIFORNIA	240,777	99,320
White Nombite	200 216	65 48	Lonoke	554 502	264 157	White	221,650	94,167
Calhaun	1.03	46	White	291.	97	Nonwhite	19,127	5,153
White	42 61	21, 25	Nonwhite-	211 150	60 63	Alamoda	21,104	7,264
Carroll	266	110	Marion	51.	55	Cakland	14,037	4,685
Chicot	751	250	Miller	1,191	337	White	11,962	4,276
White Nonvhite	460 291	93 157	White	903 288	227	Nomite	2,075 1,256	409 351
Clark	502	143	Texarkana <sup>1</sup>	971	244	Berkeley	3,684	907
White Nonwhite	330 172	99 44	White	824 150	172 72	Albany	647 2	87 100
Clay	51.8	163	Balance of county	217	93 .	Balance of county	1,478	1,134
Cleburne	315 108	84 41	White	79 138	55 38	Alpine	-	7 3
White	43	25	Mississippi	2,842	503	Nonwhite	ا ــ ا	4
Columbia	65 672	16 154	White	2,111 731	337 166	Rutte	97 1,663	88 728
White	413	82	-Blytheville	631	1.66	Calaveras	52	119
Konwhite	259 · 525	72 170	White Nonwhite	708 123	119 47	Coluse	264 4,420	144 1,300
White	393	127	Balance of county	2,011	337	77.4 = 3	1,889	358
Craishead	132 1,585	43 373	White	1,403	218	Belance of county	2,531 205	942 86
Jonesboro	1,126	230	Monroe	414	132	El Dorado	205	176
White Norwhite	1,085 41	213 17	White Wonwhite	198 216	49 83	Fresno	7,058 5,071	2,342 1,483
Balance of county	459	143	Montgomery	78	30	Balance of county	1,987	859
Crawford	341 1,159	130 346	Nevada	359 212	103 63	Humbolät	205 1,579	102 738
White	.216	65	Nonwhite	147	40	Eureka	950	448
Cross	943 776	281 137	Newton	74 861	27 246	Balance of county	629 1,955	290 505
White	521	63	White	508	3.27	White	1,767	438
Dallag	255 329	74 70	Perry	353 107	119 24	Nonwhite	188 733	67 96
White	175	43	Phillips	1,414	465	El Centro	357	<b>8</b> 5
Nommhite	154 517	27 140	White Nonwhite	563 651	139 326	White Nonwhite	330 27	78 7
White	243	50	Pike	82	37	Balance of county	865	324
Drew	274 451	90 138	Poinsett	945 835	153 115	White Nonwhite	774 91	270 54
White	311	79	Nonwhite	330	38	Inyo	246	103
Foulkner Foundation	140 574	59 151	Polk	341 628	115	White Nonwhite	219	95 8
White	479	131	Prairie	175	63	Kern	6,480	1,676
Fronklin	95 269	20 63	White Nonwhite	136	48 15	Bakersfield	2,168 4,312	337 1,339
Fulton	173	45	Pulaski	5,423	2,436	Kings	1,441	425
Gerland White	1,293	615 526	White Nominite	4,046 1,377	1,613	Lake	235 519	1.61 130
Nonwhite	1,181 112	89	Little Rock	4,973	1,929	Tog Angeles	88,421	38,877
Hot Springs	1,231	552	White Nonwhite	3,825	1,296 633	Long Beach	7,732	2,220
White Nomwhite	1,127 104	464 88	North Little Rock	1,148 105	153	Los Angeles	37,540 31,656	20,933 19,329
Balance of county	62	. 63	White	28	86	Worwhite	5,684	1,604
Grene	146 812	53 224	Nombite Balance of county	77 345	67 354	AlhambraBelvedere (twp.)2	1,146 286	338 162
Hempsteed	62 <b>1</b>	195	White	193	231	Beverly Hills	- 2	175
White Nonwhite	327: 294	100 95	Romehite	152 308	123 93	Glendale	2,501 4,635	517 1,222
Hot Epring	506	117	St. Francis	1,053	273	Huntington Park	900	173
White Nouwhite	426 80	102 15	White Nonwhite	464 589	190	Inglewood Pasudepa	1,918 2,113	443 1,442
Howard	365	133	Saline	278	282	Santa Monica	4,177	942
White Nonvhite	298 - 67.	88 25	ScottSearcy	187	49 49	Scuth Gate	911 451	201 106
Independence	780	176	Sebastian	2,103	629	Compton	1,062	237
Jackson	114 886	44 217	Fort SmithWhite	2,016 1,900	531 479	Lynwood	2,568 683	269 181
· White	782	179	Nonwhite	1776	52	Monrovia	148	180
Nonwhite	104	381	. Balance of county	87 l	98		1,247	351

<sup>&</sup>lt;sup>1</sup>Includes data for Texarkena, Ark., only.
<sup>2</sup>Since this area is difficult to identify from the information given on the

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

ADDA SEET DAYS	Births	Deaths	AREA AND RACE	Births	Deaths	ARIBA AND RACE	Birthe	Deaths
AREA AND BACE	121.000	Tegono .						
CALIFORNIA—Continued  Los Angeles—Continued			CALIFORNIA—Continued	965	290	CONNECTICUT—Continued  Hartford	11,808	4,904
Redondo Beach	13	104			1 1	Hartford	8,297	2,239
San Gabriel	841	174	COLORADO	33,568	12,824	Bristol New Britain	721	288 636
Whittier	1,287	271	White	33,006	12,522	West Hartford (town)	1,847	264
Balance of county	16,060	8,086	Nonwhite	562	302	East Hartford (town)	-	134
White Nonwhite	15,609 451	7,845 241	Adama	1,126	343	Balance of county	939 1,514	1,343 848
Madera	1,000	341	Alamone	522	112	Terrington	825	258
Marin	1,773	661	Arapahoe	50	219	Balance of county	669	590
Maripose	830	60 510	Baca	57 126	18 38	Middletown	1,128	895 645
Merced	1,986	508	Bent	1.21	72	Balance of county	1,0	250
Merced	1,278	509 199	Boulder	1,227 599	410 224	New Haven	12,014	5,367
Halance of county	194	90	Balance of county	628	186	Meriden	5,836 1,164	2,232
Mono	7	19	Chaffee	184	110	Waterbury	3,541	1,170
White Nonwhite	5 2	15 4	Cheyenne	84	20	West Haven (town)	9	220 112
Monterey	3,143	879	Come tog-organization	34	56	Derby	1,007	203
Monterey	293	98	Costilla	11.6	27	Naugatuck	1	58
Salines	1,112	139 132	Custer	74	19 8	Wallingford Balance of county	454	105 799
Nonwhite	94	7	Delta	426	186	New London	3,064	1,647
Balance of county	1,738	642	Denver, coextensive with	13,746	4,786	New London	1,797	474
Napa Novada	762 404	91.5 257	Denver (city)	746،رسد –	7 7	Balance of county	598 669	285 688
Orenge	4,190	1,916	Douglas	3	20	Tolland	411	324
Senta Ana	1,023	386 127	EagleElbert	60	25 12	Windham	1,307 550	624 180
Fullerton	1,026	180	El Pago	1,831	825	Balance of county	757	444
Balance of county	2,030	1,223	Colorado Springs	1,569	682			
Placer	459 280	551 123	Balance of county	262 345	143 245	DELAWARE	7,413	3,466
Riverdide	3,865	1,638	Garfield	335	133	White	6,265	2,837
Riverside	1,846	755	GilpinGrand	82	7	Nonwhite	1,148	629
Balance of county	2,019 7,502	983 2,578	Gunnison	142	36 41	Kent	695	573
Secremento	6,933	2,100	Hingdale	-	1	White	537	419
Balance of county	569 548	478 457	Huerfano	248	101	New Castle	158 5,237	154 2,218
White	21	21	Jefferson	29	297	White	4,558	1,887
Sam Benito	310	152	K10WB	74	16	Nonwhite	679	331
San Bernardino	6,441 3,108	2,835 1,071	Kit Carson	211 193	48 80	WilmingtonWhite	5,155 4,522	1,603 1,377
Ontario	3,100	91	La Plata	522	172	Nonwhite	633	226
Redlands	550	202	LarimerFort Collins	1,005	369 225	Balance of county	82	615
Balance of county	2,781 13,456	1,471 4,435	Balance of county	91.8 87	144	White	1,481	675 531
· San Diego	9,714	3,075	Las Animas	669	258	Nonwhite	311	144
National City Balance of county	727	221 1,139	Trinidad	583 86	198 60	DISTRICT OF COLUMBIA	27 470	8,386
San Francisco, coextensive with	3,015	1,203	Lincoln	60	27	DISTRICT OF COLUMNIA	27,479	0,300
San Francisco (city)	19,229	9,890	Logan	521	127	White	18,601	5,369
White Norwhite	16,288 2,941	9,297 593	Grand Junction	984 812	379 228	Nonwhite	8,878	3,019
San Joaquin	4,967	2,182	Balance of county	172	151	FLORIDA	60,758	25,681
Stockton	2,711	576	Mineral		9	White	44,593	19,045
Lodi	598 1,658	1,463	Montezuma	37 301	37 77	Nonwhite	16,365	6,836
White	1,399	1,323	Montrose	325	118	Alachua	1,531	459
Nonwhite	259	140	Morgan	471	183	White	1,027	252
San Luis Obispo	965 2,313	491 1,386	Ouray	948 43	259 25	Nonwhite Gainesville	1,130	207
Burlingame	-	71	Park	14	111	White	934	172
Redwood City	2,204	83 563	Phillips	121	29 21	Nonwhite Balance of county	196 401	88 199
Balance of county	105	659	Proverg	590	147	White	93	80 133
Santa Barbara	2,390	894	Fueblo	2,386	1,240	Nonwhite	308	119
Santa Barbara	1,361 1,029	428 466	PuebloBalance of county	1,366	941 299	Baker	128 79	29 19
Santa Clara	7,709	3,005	Rio Blanco	103	24	Nonwhite	49	10
San Jose	2,455	737	Rio Grands	547	162	Bay	1,150	275
Palo AltoBalance of county	2,391 2,863	1,888	Saruache	323 26	79 28	White Nonwhite	975 175	21B 57
Senta Cruz	1.400	881	San Juan	1.0	9	Panama City	808	199
Senta Cruz	681	391	San Miguel	61 152	21	White	657	146
Shasta	719 831	490 336	Summit	152	35 8	Nonwhite Balance of county	151 342	53 76
Sierra	1	14	Teller	39	34	White	318	72
SiskiyouSelano		294 673	Washington	1,517	34 475	Nonwhite Bradford	24 368	103
Valle1g	1.844	290	Greeley	1,214	296	White	281	74
Belence of county	845	383	Balance of county	303	179	Nonwhite	87	29
Santa Ross	2,000	1,244	Yuma	217	79	BrevardWhite	419 233	209 157
Balance of county	1,437	1,053	CONNECTICUT	41,199	19,419	Nonwhite	186	52
Stanislaus	3,402	1,132	****		10 003	Broward	1,579	702
Modesto		542 590	White	39,701 1,498	18,881 538	Whits Nonwhite	951 628	503 199
Sutter	303	173		1	1	Fort Lauderdale	1,085	440
Tehema	450	251	Fairfield	9,953	4,810	White	798	320
Trinity		58 997	Bridgeport	5,095 1,440	1,864 568	Nonwhite Balance of county	287 494	180
Tuolumne	320	170	Stamford	1,838	711	White	153	183
Ventura	2,774	1,110	Denhirry	966	403	Nomwhite	341	79
San Buenaventura	2,180	126 984	Shelton	3 8	87 126	CalhounWhite	172	52 38
Yolo		41.0	Balance of county	603	1,051	Namehite		14

Table 1-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AFEA AND RACE	Births	Deaths
FLCHIDA—Continued		·	FLORIDA—Continued			· FLORIDA—Continued	,	•
Charlotte	35 25	73	Lufayette	56	22	Putnem	565	238
White	10	62 11	Lake	803 570	384 296	White Nonwhite-	31.7 248	144 94
Citrus	83 43	43 28	Lee	233 567	88 243	St. Johns	605 397	315 190
Nonwhite	4D 97	15 90	White Nonwhite	450 117	194 49	Nom/hite St. Augustine	208 542	125 263
White Nonwhite	51 46	71 19	Fort Myers	547 441	198 153	White Nonwhite	396 146	165 98
Collier	30 10	30 21	Nonwhite	106	45 45	Balance of county	63 1	52 25
Nonwhite	20 677	9 347	White Nomwhite	9	41. 4	St. Lucie	62 547	· 27
White Nonvhite	486 191	215 132	Leon	1,165 650	313 156	White Nomwhite	327 220	107 62
Dade	9,013 7,214	4,078 3,483	Nonwhite	515 273	157 130	Santa Roga	246 201	94 74
Miswi	1,799 5,836	595 2,363	White Noushite	67 206	65 65	Nonwhite	45 475	20 295
White	4,666	1,985	Balance of county	892	183	White	365	237
Mismi Beach	1,170 748	378 544	White Nonwhite	. 583 309	92 92	Nonwhite	110 464	58 248
Balance of county	2,429 1,802	1,171 956	Levy	176 82	112 52	White Nonwhite	361 103	197 51
Nonwhite-	627 229	215 93	Nonwhite	94 33	60 26	Balance of county	11 4	47 40
White Norwhite	172- 57	65 28	White Nonvhite	20 13	13 - 13	Seminole Seminole	7 643	7 233
Dixie	108 91	21 14	MadisonWhite	415 173	144 69	White	264 359	· 123
Norwhite	17.	7	Nomwhite	242	75	Sanford	527	158
Duval White	6,062 5,819	2,750 1,710	Manatee	711 441	31,6 247	White Nonwhite	266 261	84 74
Nonwhite-	2,243 7,088	1,040 2,391	Monwhite-	270 948	69 411	Balance of county	116 18	75 39
White Forwhite	4,979 2,109	1,414 967	White	55 <u>4</u> 394	197 214	Sunter	98 179	36 77
Balance of county	974 840	369 296	Martin	150 90	86 63	White Nonwhite	77 102	49 28
Honyhite	134 3,425	73 926	Monroe Monwhite-	60 736	23 248	Suwannee	369 237	180 1.10
White	2,715 710	616 310	White	634	205	Nonwhite	132 210	7D 90
Pensacola	2,309	587	Nonwhite	102 736	43 230	TaylorWhite	134	52
White	1,775 534	361 226	White Nomshite	634 102	191 39 18	Nonwhite	76 59	36 53
Balance of county	1,116 940	339 255	Balance of county	_	14	White Nonwhite	26 33	25 28
Honyhite	176 48	84 25	Nomehite	294	116	Volusia	1,486 1,078	877 663
White	2 46	11 14	White Nombhite	175 119	64 52	Nonwhite Daytona Beach	408 8B1	214 492
Franklin	113 79	44 27	OkaloosaOkeechobee	869 25	152 17	White Nonwhite	699 182	377 115
Nonvhite	34 958	17 679	White Nonwhite	15 ·10	8 9	Balance of county	605 379	385 286
· White	377	351.	Orange	2,505	1,132	* Nonwhite	226	99
Nonwhite	581 46	328 25	White Nonwhite	1,995 510	902 230	Wakulla	92 44	35 22
White Norwhite	38 8	21 4	Orlando	, 2,109 1,813	861 716	Walton	48 383	13 113
GladesWhite	32 17	14 9	Balance of county	296 396	145 271	White	333 50	89 24
Nonwhite	15 269	5 76	White Nom/hite	182 214	186 · 85	Washington	179 119	6]. 40
White Nonwhite	198 71	51. 25	OsceolaWhite	253 195	185 148	: Nonwhite	60	21
Hamilton	207 81	63 29	Nonwhite	58 2,185	37 1,108	GEORGIA	92,533	29,584
White Norwhite	126	34	White	1,393	802	White Nonwhite	58,997 33,536	17,351 12,233
Hendry	213 114	102 43	West Palm Beach	792 1,410	306 659	Appling	281	73
White Homshite	76 38	22 21	White Nonwhite	1,079 331	501 158	White Honwhite	186 95	55 18
Hernando White	223 177	50 39	Balance of county	; 775 314	449 301	Atkinson	91 47	29 26
Nonvhite	46 351	11 142	Nonwhite Pasco	461 346	148 201	Konwhite	44 389	·3 75
White Norwhite	248 103	104 38	White Nonwhite	289 57	168 33	White	345 44	· 63
Hillsborough	5,879	2,343	Pinellas	2,450	2,291	BakerBaker	170	23
White Honwhite	4,911 968	1,810 533	White Norwhite-	1,973 477	2,116 175	White Nonwhite	162	. 18
· Tampa	4,100 3,371	1,567 1,237	St. Petersburg	1,726 1,370	1,450	Baldwin	556 306	1,024 560
Nonwhite	729 1,779	330 776	Nonwhite	356 470	115 232	Nonwhite	250 98	464 20
White Nonwhite	1,540 239	2 573 203	White Nomwhite	392 78	199 33	Barrow	143 75	89 75
Eolmes	362 . 245	72 96	Balance of County	254 2,669	601.	Konwhite	68 746	16 204
Indian River	156	72.	Polk	2,022	1,014 781	Bartov	650	148
Jackson	920 920	24 342	Nonwhite Lakeland	646 845	233 373	Ronwhite	96 428	56 . 143
White Komwhite	560 360	200 142	White Norwhite	701 144	306 67	White	273 155	89 54 74
Jefferson	279 76	134 41	Balance of county	1,823 1,321	641 475	Berrien	248 200	63
Konvhite	203	95		502	166		48	. 11

### VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

ATHA AND RACE	Births	Doaths	AREA AND RACE	Birtha	Deatha	AREA AND RACE	Births	Deaths
GEORGIA—Continued			GEORGIA—Continued			GEORGIA—Continued		
B1bb	3,345	1,192	Cook	278 192	83 56	Fulton—Continued		
White	2,101	642	Nonwhite	86	27	Balance of county	644	644
Nonwhite-	1,244 3,266	540 1,090	Coweta	871 518	256 152	White Nomwhite	543 101	453 191
White	2,094	583	Nonwhite	353	104	Gilmer	301	61
Nonwhite	1,172 79	507 92	Crawford	135 9	50 17	Glascock	53 25	22 13
Balance of county	7	52 59	Nonwhite	126	33	Nonwhite	28	9
Nonwhite	72 160	33 60	Crisp	435 179	141	Glynn	872 561	294 160
BleckleyWhite	69	29	Nonwhite	256	81.	Nonwhite~~	311	134
Nonwhite	91	31	Dade	1.93 51	26 20	Brunswick White	806 544	243 130
BrantleyWhite	117 69	39 26	Decatur	728	251	Nonwhite-	262	113
Nonwhite	28 634	11 198	White	390 338	82 149	Belence of county	66 17	51
BrooksWhite	255	91	De Kalb	2,073	986	Nonwhite	49	30 21
Nonwhite	379 96	107 37	White	1,877 196	966 120	Gordon	432 491	98
Bryan	39	18	Nozwhite Atlanta (part)	156	118	Grady	290	71
Nonwhite	57	19	White	5	104	Nonwhite	201	60
Bulloch	703 404	171 99	Nozwhite	11 41	14 96	Greene	261 60	110 49
Nonvhite	299	72	White	8	79	Nonwhite	201	61
Burke	659 38	178 30	Nonwhite	33 2,016	17 774	Gwinnett	652 583	140 125
Nonwhite	621	148	Balance of county	1,864	685	Nonwhite	69	1.5
ButtsWhite	157 35	90 47	Nonwhite	152	89	Habersham	464 1,017	107 274
Norwhite	122	43	DodgeWhite	465 295	116 82	Gainesville	697	157
Calhoun	285	66	Nonwhite	170	34	White	585	126
White Norwhite	58 227	18 48	DoolyWhite	401 142	126 47	Nonwhite	112 320	31 117
Canden	141	37	Nonwhite	259	79	Hancock	247	76
White Norwhite	35 106	1.3 24	DoughertyWhite	1,340 806	445 169	White Nonwhite	16 231	20 56
Candler	258	56	Nonwhite	534	276	Haralson	282	86
White Nonwhite	166 92	34 22	Albany White	1,226 803	400 160	White Nonwhite	254 28	83 3
Carroll	966	254	Nonwhite	423	240	Harris	243	1 78
WhiteNonwhite	786 180	193 61	Balance of county	114 3	45 9	White Nonwhite	24 219	32
Catoosa	240	58	White Nonwhite	m	36	Rart	127	32 46 76
Charlton	168	27	Douglas	236	59	White	50	4.7
White Nonwhite	114 54	19	White Nonwhite	194 42	46 13	Nonwhite	77 104	29 55
Chatham	3,948	1,661	Early	556	167	White	69	41.
White Nonwhite	2,314 1,634	903 958	White Nonwhite	187 369	51 116	Henry	35 342	14 115
Savannah	3,778	1,458	Echols	51	23	White	100	49 66 115
White Nonwhite	2,306 1,472	720 738	White Nonwhite	19 32	11 12	Kouston	242 430	66 115
Balance of county	170	203	Effingham	231	105	White	156	44 71
White Nonwhite	162	83 120	White Nonwhite	102 129	47 58	Nonwhite	274 412	71 93
Chattahoochee	1,075	74	Elbert	498	184	White	241	57
White	917	58	White	260	98 86	Nonyhite	171 597	36 96
Monwhite	158 570	16 130	Nonwhite	218 461	1.57	Jackson	511	78
Cherokee	457	144	White	255	97	Nonwhite	86	18
Clarke White	1,417 1,138	430 260	Nonwhite-	206 142	60 38	Jasper	178 32	74 24
Nonwhite	279	170	White	61	21	Nonwhite	146	50
Athens White	1,347	389 247	Nonwhite-	81 376	17   85	Jeff Davis	268 196	80 60
Nonwhite	1,128 219	142	Fayette	135	54	Nonwhite	72	20
Balance of county	70	41	White Norwhite	52 83	26 28	Jefferson	616 251	149 71
White Nonwhite	10 60	13 28	Floyd	1,791	679	Nonwhite	365	78
Clay	174	66	White	1,547	487	Jenkins	540	106
White Nonwhite	22 152	24 42	Nonwhite	244 1,671	192 392	White Nonwhite	331 209	46 60
Clayton	130	51.	White	1,474	318	Johnson	195	52
White Nonwhite	40 90	33 18	Nonwhite Balance of county	197 120	74 287	White Nonwhite	77°	22
Clinch	206	44	White	73	169	Jones	149	72
White	150	55	Nonwhite	47 326	118 72	White Nonwhite	26 123	19
Nonwhite	56 1,229	22 391	Franklin	512	118	Lamar	207	77
White	1,070	31.3	White	451	92	White Fonwhite	59° 148	34
Nonwhite	159 755	78   203	Nonwhite	61: 14,449	26 4,629	Lanier	60	60 52 30 22 72 19 53 77 34 43
White	583	134	White	10,216	2,779	White	26	7 5
Nonwhite	172 1,140	266 89	Atlanta (part)	4,233 13,797	1,850 3,915	Laurens	32 1,131	5 408
White	829	185	White	9,670	2,270	White	659	229
Nonwhite	311	81	Nonwhite <sup>3</sup> -	4,127	1,645 4,033	Nonwhite	472	179 62
MoultrieWhite	946 767	1.52 98	White	13,813 9,675	2,374	Lee	181 9	12
Nonwhite	179	54	Monwhite'-	1,138	1,659	Nonwhite	172	12 50 74 18
Balance of county	194 62	114 87	District 1511, Center Hill <sup>3</sup> White <sup>3</sup>			Liberty	231 56	74 18
Nonwhite	1.32	27	Nonwhite'-			Nonwhite	175	56
Columbia White	151 16	54 16	East Point	8	70 56	LincolnWhite	139 j	27 6
##100	135	36		5		Nonwhite		

 $<sup>^{3}\</sup>mbox{Figures}$  for District 1511, Center Hill, are included in those for Atlanta.

### GENERAL TABLES-BIRTHS AND DEATHS

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Marie   Mari				(See headnote on p. 28)					
The color	, AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
Mile	GEORGIA—Continued			GEORGIA—Continued			GEORGIA—Continued		
Marches	Long	103	27	RichmondContinued					
	White			Balance of county					
Mailerian	Lowndes	1,350	313	Nonwhite	64	59	Nonwhite		
Western   Control   Cont							. White	9	12
Part	Valdosta	899	222	Norwhite	75	. 26			
Second				White	10	13	White	261	100
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect									
Secretary   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   19	Nom:hite	207	33	White	63	29			
Section   10   25   15   15   15   15   15   15   15							Webster	1.04	35
Minimum			28	White					
Second	McIntosh	146	48	Spalding	924	289	Wheeler	132	29
Montestand							Nommite	73	8
Martin	Macon	495	168	Griffin	804	208			
White		343			179	82	Dalton	987	. 135
Marticle									
Next	Nomehite	79	22	Nonwhite	90	30			54
Secondate							. White		36
Watter   130	Nomubite	141	34	Nonwhite	71	26			
Richard							White	276	73
Mintended   156   35   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156   156	Nonwhite	358	92	Nonwhite-		71			
Mintername		156		White	488	141	White	70	27
Mintro		118 715	28 183						
Multi-	White	305	70	White	49	35			
Marting				Taliaferro			1	i l	
Monte		95	29				j		
Moregan	Montgomery	136	4.9	Tattnall	33B	100			. 88
Margar								1,853	
Numery	Morgan	341	109	Taylor	223	62	Balance of county	10	203
Muse									
White-							Pocatello	1,367	
Columbus   2,452   713   White	White	1,749	459	Nonwhite	126	34	Bear Lake	158	48
Maleure of county   Counties   1,752   358							Binghaw		
Balance of county   Subtes   17   71	White	1,732	388	Nonvhite	341	109	Blaine	128	43
Non-hit-  169							Bonner		
Minte							Bonneville		
Romaitte	Newton	545	147	White	354	130	Balance of county	1	30
Commons							Butte		
Nombitte	U-1-2-0	91.	51	White	113	- 54			
White	Norwhite	51.	25	Tift	862	190	Машра	1985	213
Normative							Caribou		
White   204   59   Nomhite   32   6   Tous   65   21   Custer   28   18	Norwhite	146	41	Toombs	567		Cassia	393	117
Peach									
No.   140					83		Custer		
Pickens	White	148	44	White	6B		Franklin	290	<b>51</b>
Note	Pickens								
Pike	Pierce	152	58	White	1,067	250	Gooding	71,6 [	95
White	Nonvhite						Jefferson		56
Nonwhite				White					
White	Nonvhite	140	31	Balance of county	716	228	Coeur d'Alene	440	183
Nombite							Balance of county		
White	Nonwhite	142	36	Turner	175	59	Lembi	158	58
Normalite   128									
White	Nonwhite	128	48	Twiggs	186	62	Madison		. 21
Normation	· White	56	36	Nonwhite	172		Nez Perce	755	237
White					134				
Ramdolph	White	4	g 10 d	White	392	121	Oneida	113	37
Ramdolph	Rabun						Owyhee	10	17 70
Nomehite	Randolph	509	182	Walton	496	162	Power	1.60	39
Richmond			119				Teton		
Nonwhite	Richmond		1,254	Were	1,031		Twin Falls		
	Nonwhite	1,083	507	Norwhite	232	110	Balance of county	4	105
							Valley		
•						99	Yellowstone National Park (part)		

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

AREA AND RACE	Births.	Deaths	ARBA AND RACE	Births	Deaths	ARBA AND RACE	Births	Deat
IILINOIS	181,234	89,908	ILLINOIS—Continued			ILLINOIS—Continued	]	
White Nonwhite	164,776 16,458	B2,629 7,279	Kankakee	1,517	1,476	Vermilion-Continued		
			Kankakee	1,455	355	Balance of county	49	4
dems	1,650	835	Balance of county	62	1,123	Wabash	1.38	1
Quincy	1,622 26	659 176	Kendall	1,268	89	Warren	586 44	a
Lexander	751	350	Calesburg	1,259	568 436	Wayne	224	1 1
White	627	225	Balance of county	2,203	132	Vhite	225	ĺi
Nonwhite	124	125	Teke	4,018	1,409	Whiteside	1,181	4
Cairo	689	291	Waukegan	960	262	Sterling	771	] 1
White	589	185	Highland Park	352	143	Balance of county	410	2
Nonwhite Balance of county	100	106 59	Balance of county	2,706	1,004	Joliet	2,733 2,688	1,2
White	38	40	La Salle	2,350 455	1,077	Balance of county	4.5	1 :
Nonwhite	24	19	[	686	210	W1111emmon	985	1 7
ond	25	89	Streator	839	241	Winnebago	3,487	1,:
oone	448	214	Balance of county	370	464	Rockford	3,435	1 1
FOMIT————————————————————————————————————	40	66	Lee	115	151	Balance of county	52	Į
1hom	822 63	414 50	Dixon	730 590	509 178	Woodford	29	į
arroll	320	211	Balance of county	140	331			1 .
188	390	172	Livingston	722	459	INDIANA	92,944	39,
hempaign	2,563	771	Logan	566	411			
Chempaign	945	353	Lincoln	550	300	White	88,309	37,
Urbana	1,545	197	Balance of county	16	1,1,1	Nonwhite	4,635	2,
Balance of county	73	241	McDonough	680	335	1	l	1
ristian	840 67	377 160	McLegn	732	399	Allen	899	Ι,
lark	143	99	Bloomington	1,913 1,712	966 571	Fort Wayne	4,898 4,806	1,
inton	407	184	Balance of county	201	295	Balance of county	90	ĺ **
Centralia (part)	-	3	Macon	2,645	1,013	Bartholousy	874	1
Balance of county	407	161	Decatur	2,636	873	Columbus	641	
oles	996	418	Balance of county	. 9	140	Balance of county	33	
Mattoon	652	187	Macoupin	278	388	Benton	28	ŀ
Balance of county	344 94,379	231	Alton	3,951	1,701	Blackford	323	1
Chicago	77,434	46,641 37,878	Granite City	2,171 996	587 249	Brown	680 35	i
White	63,568	32,694	Balance of county	784	865	Carroll	23	ŀ
Nonwhite	13,866	5,184	Morton	1,168	440	Cass	1,127	l
Berryn	1,775	521	Centralia (part)	730	209	Logansport	1,115	l
Cicero	17	335	Centralia (total)	730	21.2	Balance of county	12	]
Elgin (part)	-	3	Balance of county	438	231	Clerk	873	i
Evanston	3,805	982	Marshall	13	69	Jeffersonville	778	1
Maywood		132	Mason	39	98	White	720	1
Oek Park	4,478 953	915 247	Massac	221 199	172 137	Nomwhite	58 95	
Brookfield	333	60	Wonte Wonwhite	52	35	Balance of county	493	l
Calumet City	3	75	Menard	35	53	Clinton	648	1
Chicago Heights	1,053	283	Mercer	28	103	Frenkfort	631	
Elmwood Park	· 1	55	Monroe	9	89	Balance of county	1.7	1
Forest Park	2	105	Montgomery	960	472	Crawford	1.45	1
Harvey	1,005	187	Morgan	823	754	Davless	855	
La Grange	603	55 141	Jacksonville Balance of county	780 43	641	Decatur	1.00 432	1
Perk Ridge	1	66	Moultrie	32	129	De Kalb	686	
Wilmette	-	122	Orle	381	265	Delaware	2,361	ı
Winnetka	2	53	Pegr ( 8	4,865	2,063	Mancie	2,346	]
Balance of county	3,240	4,426	Peoria	4,782	1,439	Balance of county	15	1
rawford	426	255	Balance of county	83	624	Dubois	738	ŀ
mberland	46 1,100	93 437	Perry Piatt	512	212	Elkhart	2,145	
Witt	235	164	Pike	199 394	120 231.	Goshen	1,300 805	1
ougles	375	170	Pope	-60	57	Balance of county	40	-
u Page	1,996	1,024	Puleski	137	148	Favetto	558	
Elmhurst	1,486	286	White	4.7	78	Comersville	552	ł
Balance of county	510	738	Nonwhite	90	70	Balance of county	6	l
lgar	460	265	Putnem	Z	24	Floyd	1,427	i
Nords	59 931	73 288	Rendolph	697 653	325 295	New Albany	1,385	l
gyette=	595 595	235	Richland	553 3,278	1,460	Balance of county	66	1
rd	266	136	Moltmenance	2,239	540	Franklin	53	
enklin	697	457	Rock Telend	977	436	Fulton	384	l
West Frankfort	46	130	East Moline	2	336	G1bson	888	1
Balance of county	651	327	Balance of county	60	148	Grant	1,50B	
1ltm	797	452	St. Clair	4,189	1,948	Marion	1,482	
Balance of county	760 37	271 181	White Nommhite	3,947 242	1,662 286	Balance of county	26 542	i
allatin	129	77	Belleville	1,230	491	Hemilton	462	
G6U8	486	165	Enst St. Louis	2,420	983	Hencock	44	
rundy	307	153	White	2,250	766	Earrison	250	
milton	238	113	Nonwhite	170	21.7	Hendricks	43	
MCOCK	1.92	207	Balance of county	539	474	Honey	1,296	
rdin	123	67	Salins	979	425	New Castle	19	1
onderson	19	44	Harrisburg	485	171	Relence of county	1,277	1
Kewanee	1,019 745	51.1 261	Balance of county	494	254	Kokomo	1,433	1
Balance of county	274	230	Sengamon	3,359 3,291	1,599 1,359	Balance of county	1,423 10	l
oguois	552	266	Balance of county	3,291 68	240	Huntington	755	I
rckson	1,051	416	Somyler	108	86	Huntington	729	l
asper	43	77	Scott	21	51	Balance of county	26	l
fferson	939	365	Shelby	358	228	Jackson	797	ı
Mount Vernon	824	263	Sterk	4	35	Jasper	553	1
Relence of county	115	102	Stephenson	1,212	527	Jay	455	1
Pomfogg	77 53	103	Freeport	1,188	425	Jefferson	573	1
Daviess	51 114	191	Balance of county	24	102	Jennings	108	1
na	114 4,586	86 2,210	Tezewell	1,001 699	428 207	Knox	502 1,128	
Aurore	2,280	698	Balance of county	502	227	Vincennes	1,077	1
Elgin (part)	1,606	1,107	Union	438	457	Balance of county	51	
		, 1			1,059			
Elgin (total)	1,606	1,110	Vermilion	2,103		Kosciusko	61.3	

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

							,	
arba and race	Birthe	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
INDIANA Comtinued		,	IOWA—Continued			IOWA—Continued		!
Lake	9,557	2,949	Black Hawk	3,099	869	Pottewattamie	1,870	823
Gary	4,812 3,673	1,273 924	Waterloo	1,622	446	Council Bluffs	1,862	695
Nonwhite	1,139	349	Balance of county	1,477	423	Balance of county	8	1.28
East Chicago	1,957	566	Boone	447 439	332 193	Ringgold	448 17	226 76
White	1,657	481	Balance of county	8	133	Sac	175	117
Nonwhite Hammond	300 2,735	85 672	Bremer	409	180	Scott	2,718	962
Whiting	2,100	50	Buchanan	401 525	306	Davenport	2,711	849 113
Balance of county	52	388	Butler	77	200 106	Shelby	254	81
Michigan City	2,194	901 391	Calhoun	272	123	Stome.	541	190
Le Porte	1,169	. 365	Carroll	1,007	259	Story	1,034	259
Balance of county	25	145	Cedar	441 57	. 122	Balance of county	1,019	127 132
Lawrence Bedford	999 841	374 226	Cerro Gordo	1,452	529	Tama	109	153
Balance of county	158	148	Mason City	1,408	431	Taylor	44	92
Mad1son	2,633	929	Balence of county	500	98 312	Van Buren	610 50	202 117
Anderson	1,973	537	Chickessy	368	147	Wapello	1,332	510
Elwood	636 24	149 243	Clerke	262	121	Ottuwa	1,290	423
Marion	14,334	6,425	Clayton	436	144	Balance of county	178	67 117
White	12,634	5,475	Clinton	308 1,283	216 544	Washington	498	181
Nonwhite Indianapolis	1,700 12,347	950 5,529	Clinton	1,261	409	WAYNA	84	111
White	10,657	4,622	Balance of county	22	135	Webster	1,765	506
Nomwhite	1,690	907	Crawford	346 418	153 186	Fort Dodge	1,752	427 79
Balance of county	1,987	896	Davis	4.18 36	186 69	Winnebago	441	116
Martin	. 106	287 69	Decetor	287	152	Winneshiek	446	219
Miami	671	351	Deleware	322	129	Woodbury	3,360	1,258
Peru	652	238	Des Moines	1,165 1,158	533 459	Sioux City	3,251 109	1,139 119
Balance of county	19	133	Balance of county	7	74	Translation	18.	71
Bloomington	1,094 997	331. 225	Dickinson	167	94	Wright	315	146
Halance of county	97	106	Dubuque	2,105	851	KANSAS	47 007	10.640
Montgomery Crawfordsville	825	33.5	Dubuque	1,922	710 141	AANSAS	41,867	18,648
Balance of county	814	200	Emmet	571	158	White	39,770	17,664
Morgan	410	135 204	Fayette	712	268	Nonwhite	2,097	984
Newton	30	74	FloydFrenklin	626	198	Allen	431	176
Noble	687	285	Fremont	368 244	134 127	Anderson	175	105
Ohio	28 299	43 154	Greene	442	158	Atchi son	401	252
Oven	91	119	Grundy	42	71	Atchison	392	188
Parke	62	191	Guthrie	79 459	110 173	White NonWhite	365 27	164 24
Pike	400	139 136	Hancock	37	67	Balance of county	ا ۋ	64
Forter	74 723	319	Hardin	570	186	Barber	247	90
Ровеу	191	132	Harrison	310	144	Barton	1,070	242
Puleski	210	90	Houry	350 288	321. 116	Fort Scott	452 434	246 201
Putram Randolph	491 624	217 297	Humboldt	25	68	Balance of county	18	45
Ripley	1,050	271	Ida	178	186	Butler	239	. 178
Rosh	449	206	Jackson	175 236	128 177	El Dorado	420 407	238 347
St. Joseph	4,947	1,611	Jasper	479	262	Belence of county	13	91.
Mishavaka	3,939 983	1,125 262	Newton	427	156	Chase	86	30
Halance of county	25	224	Balance of county	52 397	106	Chautauqua	92 326	72 229
Scott	477	84	Johnson	1,893	147 905	Chevenne	149	41
ShelbyShelbyville	655 633	304 175	Iowa City	1,872	777	Clark	121	41.
Balance of county	22	129	Balance of county	21	128	Clay	308	145
Spencer	1.95	166	Jones	567 221	175 161	Coffey	546 92	243 90
Sterke	110	104	Konsuth	525	152	Comanche	5	. 18
Sullivan	307 520	180 301	Les	1,403	610	Cowley	843	468
Switzerland	61	83	Fort Madison	533 865	206	Arkansas City	357 486	145 323
Tippecanog	2,638	636	Balance of county	5	54.5 61	Balance of county	837	549
Lafayette	2,625	641 195	1 Lim	2,581	1,003	Pittaburg	32	172
Tipton	101	123	Coder Remide	2,548	812	Balance of comty	805	377
Union	11	50	Balance of county	33 11	191 74	Decatin	84 359	55 184
Vanderburgh	4,855	1,931	Lucas	201	145	Dominian	129	74
Evensville	4,667 188	1,588 343	Lyon	202	86	Tomgins	899	277
Vermillion	499	248	Madison	79	89	Lewrence	891	215
Vigo	2,582	1,264	Mehaska	846 802	362 258	Balance of county	. B	62 26
Terre Haute	2,480	968	Balance of county	44	104	Elk	11	43
Wabash	102 553	296 294	Marion	290	222	3114a	950	199
Warren	201	82	Mershell	1,115	406	EllsworthFinney	208	108 126
Warrick	175	. 142	MarshalltownBalance of county	1,062	297 · 109	Ford	809 913	126 279
Washington	239	142	M113 p	53 53	112	Franklin	496	222
Richmond	1,668 18	844 252	Mitchell	356	104	Ottawa	471	154
Balance of county	1,650	592	Monroe	300	75	Balance of county	25 731	68 132
Wells	441	224	Montgomery	218 415	121 160	Gove	131	30
White	62	120 163	More to the account of the second	725	366	Graham	10	31
	22		Muscatine	717	289	Grant	18	8
IOWA	. 61,513	26,150	Balance of county	528	77 154	Greeley	끄	17 9
White	61,006	25,681	Oscepla	286	154 61	Greenwood	220	109
Nonwhite	507	269	Page	630	342	Hawilton	. 189	30
Adair	73	60	Palo Alto	327	140	Harper	265	136
Allamakeo	8 589	55 136	Plymouth	889 · 215	185 89	Newton-	554 514	274 154
Appanoose	407	261	Polk	6,065	2,593	Belance of county	40	120
Audubon	97	66	Des Moines	6,038	2,364	Haskell	6 1	9
Benton	473	206 1	Balance of county	27	229	Hodgeman	1 11	5

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
KANSAS—Continued			KENTUCKY	77,192	27,753	KENTUCKY—Continued		
	]		White	72,349	24,375		ļ	ļ
Juckson	196 32	114 93	Nonvhite	4,843	3,378	Henderson	564	228
Jewell	22	72	Ada1r	326	124	White	516	179
Johnson	177	274	Allen	283	131	Monwhite	4.6	49
Kearny	56	25	Anderson	11,3 64	75 62	Balance of county	102	90 78
Kingman	263 38	98 24	Barren	1.026	357	Nonwhite	26	12
Labette	703	357	Bath	170	69	Henry	103	82
Parsons	20	130	Bell	1,577	482	Hickman	105	74
Balance of county	683	227	Middlesborough	659	195 287	White Norwhite	80 25	67
Leavenworth	1,075	9 678	Boome	918 91	101	Hopkins	867	351
White	993	581	Bourbon	408	200	White	806	301
Nonwhite	62	97	White	347	139	Nonwhite	61	50
Leavenworth	661	269	Nonwhite	61 1.454	61 422	Jefferson	253 13,197	62 5,801
White Nomuhite	623 58	239 30	Ashland	1,397	336	White	11,611	4,704
Balance of county	394	409	Balance of county	57	86	Nonwhite	1,586	1,097
Lincoln	34	54	Boyle	695	307	Louisville	12,969	4,698
Linn	113	91	White Nonwhite	651 44	249 58	White	11,410	3,805 893
Lyon	10 792	20 363	Bracken	115	65	Balance of county	228	1,103
Emporia	779	311	Breath1tt	530	93	Jessemine	119	85
Balance of county	1.3	52	Breckinridge	410	168	White	101	67
McPherson	471	201	BullittButler	141 201	80 79	Nonwhite	18 973	18 197
Marshall	336 428	1.43 206	Caldwell	3201 320	122	Kenton	3,571	1,316
Meade	95	206 34	White	291	101	Covington	3,509	1,105
Mismi	314	325	Nonwhite	29	21	Belance of county	62	211
Mitchell	426	119	Campbell	501	172 686	Knott	686 856	90 221
Montgomery	1,175	552	Newport	833 33	208	Lerue	242	101
Coffeyville	528 483	176 161	Fort Thomas	~	90	Laurel	675	178
Nonwhite	45	15	Balance of county	799	388	Lawrence	412	122
Independence	529	221	Carlisle	42	65	Leslie	143 521	56 72
White	484	195	Carter	147 623	85 163	Letcher	1,451	297
Nonwhite Balance of county	45 119	26 155	Casey	428	95	Lewis	342	116
Morris	100	96	Christian	1,069	687	Lincoln	525	158
Morton	94	50	White	804	472	Livingston	71	60 260
Жетвые	370	134	Nonwhite	265 642	215 278	White	497 445	503
Medsho	367 313	227 177	White	505	159	Nonwhite	52	51
Belance of county	54	50	Nonwhite	137	11.9	Lyon	104	64
Ness	125	37	Balance of county	427	409	White Nonwhite	105	57 7
Norton	309	146	White	299 128	96	McCracken	1,291	622
Osage	59 40	112. 65	Clark	447	226	White	1,163	500
Ottawa	20	72	White	405	189	Nonwhite	128	. 122
Paynee	120	176	Nonwhite	42	37 75	PaducahWhite	1,180 1,067	502 392
Phillips	163 225	85	Clinton	1,122	65	Nonvhite	113	110
Pottawatomie	255	120 110	Crittenden	291	106	Balance of county	111	120
Rewlins	22	22	Cumberland	183	59	McCreary	387	107
Reno	1,257	497	Daviess	1,737	605 492	McLean	147 1,045	78 298
Hutchinson	1,236	400	Balance of county	1,495 242	115	White	987	249
Balance of county	19 201	97 98	Edmonson	181	61	Nonwhite	58	49
Rice	309	154	Elliott	180	33	Magoffin	328	71
Ri lev	760	190	Estill	353 2.740	96 1,485	Marion	899 137	189 101
Menhattan	759	142	White	2,334	1,124	Martin	329	88
Balance of county	101	48 57	Nonwhite	406	361	Mason	796	275
Rush	80	48	Lexington	2,663	1,194	White	749	244
Russell	258	78	White	2,285 378	881. 313	Meade	47 154	31 60
Saline	1,282 944	343 293	Belance of county	77	291	Menifee	1.30	39
SalinaBalance of county	338	293 50	White	49	243	Mercer	529	1.56
Scott	161	38	Nonwhite	28	48	Metcalfe	160	86
Sedgwick	5,709	1,634	Fleming	200 1,776	102 293	Monroe	358 551	100 124
Wichita	5,552	1,567	Fronklin	704	250	White	525	107
Balance of county	1.57 4.35	267 99	Frankfort	687	190	Nonwhite	26	17
Shaunee	2,498	1,333	White	652	163	Morgan	402	102
Topeka	2,464	903	Nonwhite	35	27	Muhlenberg	920 424	280 149
Balance of county	34	430	Balance of county	17 459	60 187	Nelson	126	62
SheridanSherman	73 288	21 83	White	386	162	Ohio	457	165
Smith	202	84	Norwhite	75	25	Oldhem	352	117 107
Stafford	146	96	Gallatin	61.	30	White	330 22	107
Stanton	3	3	Garrard	101 74	88 72	Oven	83	80
Stevens	13 409	19 206	White Nonwhite	27	16	Owsley	141	24
Thomas	409	90	Grent	166	81	Pendleton	101	93
Trego	14	24	Graves	627	295	Perry	1,805	326 504
Vabaunsee	28	60	Grayson	359	144 85	Pike	2,522 179	43
Wallace	7	6	Greenup	236 367	85 1,35	Pulaski	1,292	343
Washington	21	105	Bancock	78	44	Robertson	52	33
Wilson	272	171	Bardin	1,304	237	Rockcastle	294	101
Woodson	50	53	Herlan	2,405	544	Russell	259 218	78 74
Wyandotte	3,999	1,741	White Nonwhite	2,241 164	481 63	Scott	294	133
White Nonwhite	3,069 930	1,405 336	Harrison	296	185	White	265	1,08
Kansas City	3,968	1,566	Hart	310	117	Nonwhite	29	25
White	3,046	1,254	Henderson	866	318	Shelby	491 435	182 155
Nonwhite	922	312	White	592	257	White Nonwhite	415 76	27
Balance of county	31.	175	Nonwhite	74	! 61	, ROMPHI GEO-		,,

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

				·				
AREA AND RACE	Births	Deaths	AHEA AND RACE	Births	Deaths	ARRA AND RACE	Births	Deaths
· KENTUCKYContinued	į		LOUISTANA—Continued			1.00181ANA.—Continued	•	
		300						
SimpsonWhite	292 259	, 128 112	East Baton Rouge—Continued Baton Rouge—	1,064	329	Rapides	3,104 1,879	1,248
Norwhite	33	16	White	701	175	Nonwhite	1,225	495
Taylor	116 305	37 129	Monwhite Balance of parish	363	154 633	Alexandria	1,344 1,229	401 275
ToddWhite	173	122	White	2,334	357	Norwhite	115-	126
Non-white	122 51	90 32	Nonwhite	672 443	276 148	Balance of parish White	1,760 650	847 478
Trigg	193	78	White	137	28	Nonwhite	1,110	369
White Nonwhite	163 30	57 21	Nonshite East Feliciana	306 331	120 462	Hed River White	185 75	81. 37
Trimble	58	16	White	105	.550	Womhite	110	44
White	415 376	162 134	Nonwhite-	226 609	242	Richland	801 553	161 76
Worren	39	28	White	402	175	Nonwhite	248	85
White	1,035 941	494 403	Nonwhite-	207 936	58 199	Sabine	533. 407	1.18 87
Bowling Green	94	91	White	527	102	. Normhite	124	31
White	855 807	308 248	. Nonvhite	409 58	97 67	St. Bernard	5 3	33 24
Nonwhite	4.9	60	White	29	51	Nonwhite	2	9
Balance of county	180 129	186 65	Nonwhite	29 838	36 337	St. Charles	29	71 36
Wayna	478	72	White	610	203	Norwhite	21.	35
Webster	237 202	179 144	New Iberia	228 540	134 195	St. Helena	66 13	36 35 40 18 22
Norwhite	35	35	White	458	137	Normhite	53	
Whitley	874 238	234	Nonwhite Balance of perish	82 298	58 142	St. James White	386 166	130 47
Woodford	268	99	White	152	66	Nomini te	220	83
White Norwhite	226 42	76 23	Bonwhite	146 716	76 279	St. John the Baptist	172 101	93 36
LOUISTANA	73,039	23,894	White	382	1,12	Nonwhite	71	57
	<del></del>		Monwhite-	334 474	167 115	St. Landry	1,864 984	493 242
White	44,613 28,426	13,874 10,020	White	308	78	Nonvhite	880	251.
Acadia	1,530	. 363	Jefferson	1,66 343	37 451	St. Martin	595 435	170
White	1.,211	263	White	298	357	Nonwhite	180	94 76
Nonwhite	51.9 575	100 145	Gretna	45 32	94 64	St. Mary White:	1,005 618	265 119
White	445	99	White	19	41	Nonwhite-	387	146
Acconsion	130 586	46 179	Nonmhite	331 331	23 387	St. Temmany	205 89	191 124
White	387	92	Balance of parish	279	316	White Nonvhite	116	67
Assumption	199 402	87 149	Jefferson Davis	32 755	71 192	Tangipshoa. White	1,302 788	391. 221
White	202	62	White	595	146	Nonvhite	51.4	170
Avoyelles	200 871	87 248	Nonwhite	1,60 2,420	46	Tenegs	269	124
White	. 626	166	Lafayette	1,058	599 299	White Nonwhite	52 21.7	23 101
Beauregard	245 483	82 138	Honvhite	1,362	300 477	Terrebonne	1,100 984	254
White	407	175	White	2,204 933	229	WhiteNonwhite	116	1.72 82
Bienville	76	. 25	Nonwhite	1,271	248	Union	288	1.09
White	295 94	108 49	Balance of parish White	216 125	122 70	White Nonwhite	132 156	· 59 50
Nonwhite-	201	59	Nonwhite	91	52	Vermilion	881	224
Bossier	528 371	156 63	Lafourche	1,073 948	227 181	White	776 1.05	187 37
Nonwhite	157	93	Nonvhite	125	46	Vernon	3B6	121
CaddoWhite	6,377 3,323	1,997 967	Le Salle	311 286	92 79	White	326 60	3.06 15
Nonwhite	3,054	1,010	Nonwhite	. 25	13	Washington	1,144	279
Shreveport	5,931 3,097	1,730 882	Lincoln	630 395	. 202 125	White Nonwhite	796 348	187 92
Nonwhite	2,834	848	Nonvhite	235	77	Bogalusa	861	177
Balance of purish White	446 226	· 267	Livingston	357 306	98 78	White Nonwhite	653 208	125 52
Normhite	220	162	Nonwhite	51.	20	Balance of parish	283	102
Calcasieu	2,476 1,862	639 448	Madison	456 103	148 28	White Nonwhite	143 140	62 40
Nomunite	614	191	Konwhite	353	120	Webster	1,021	255
Lake Charles	1,735 1,324	367 238	Morehouse	902 428	226 96	White Nonwhite	725 296	137
Nonwhite	431	129	Non-hite	474	130	West Baton Ronge	104	118 96
Balance of parish	741. 538	272 210	Natchitoches White	961. 460	291 136	White Norwhite	5 99	19 77
Nonwhite	203	62	Nonwhite	501	155	West Carroll	355	89
Caldwell	197	72	Orleans, coextensive with	00.033		White	241	61
Nonwhite	156 41	50 22	New Orleans White	20,611 12,053	7,398 4,695	West Feliciana	114 163	28 85
Catahoula	54	27	Nonwhite	8,558	2,703	White	3,4	28 85 13 72
White	206 117	81. 44	Cuachita	2,703 1,616	892 467	Nonwhite-	149 375	72 96
Nqnvhite	89	37	Nonwhite	1,087	425	White	293	67
White	432 123	126 60	Monros White	1,433 1,191	417 274	Nonwhite	82	29
Monwhite	309	66	Nonwhite	242	143	MAINE	21,698	9,981
Concordie White	368 156	141 42	Balance of parish	1,270	475 193			
Norwhite	212	99	Nomite	425 845	282	White Nonwhite	21,666 32	9,949 32
De Soto	556 178	206	Plaquemines	218	48	1		
Nonwhite	378	73 133	White Womdhite	146 72	25 23	Androscoggin	2,173	931 607
East Baton Rouge	4,070	962	Pointe Coupes	552	216	Auburn	13.	167
White Nonvirite	3,035 1,035	532 430	White Honwhite	245 307	82 134	Arostock	159 2,851	157 . 759
				. 50.		·	اختادون	. 100

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

			(See headnote on p. 28)	<del></del>		T.	<del>,</del>	
AREA AND RACE	Births	Deaths	AREA AND RACE	Birtha	Deaths	AREA AND RACE	Births	Deaths
MAINE-Continued			MARYLANDContinued			MASSACHUSETTS—Continued		
Cumberland	3,964	1,898	St. Marys	964	171	Middlesex—Continued		
Portland	3,147	1,136	White	763	116	Woburn	483	176
South Portland	206	136 84	Nomenite	201	55 225	Balance of county	1,009 72	1,293 50
Balance of county	608	540	White	162	141	Norfolk	6,057	3,577
Franklin	506	206	Nonvhite	136	84	Brookline (town)	1,589	576
HancockXennebco	655	346	Talbot	690	273	Quincy	1,742	766
Auguste	2,264 750	1,156	White Nonwhite	524 166	1.83 90	Dedhen (town)	3	162 115
Waterville	1,041	236	Washington	1,753	837	Milton (town)	81	150
Balance of county	463	61.5	Hagerstown	1,489	509	Needham (town)	180	115
Knox	633	342	Balance of county	264	328	Norwood (town)	997	262
Oxford	303 892	247 389	Wicomico	1,451	558 420	Wellesley (town)	1,328	79 369
Penobscot	3,018	1,321	Nonwhite	310	138	Balance of county	130	963
Bangor	1,927	800	Salisbury	1,394	386	Plymouth	3,748	2,017
Balance of county	1,091	521	White	1,112	293 93	Brockton	2,476 409	780 180
Sagadahoc	468 365	192 198	Nonwhite Balance of county	262 57	172	Balance of county	863	1,057
Bath	323	128	White	29	127	Buffolk	24,348	12,372
Balance of county	42	70	Nonwhite	28	45	Boston	21,238	11,387
Somerset	740	393	Worcester	250	180	White Nomyhite	20,079 1,159	10,882
Washington	339 572	201 420	White Nonwhite	72 178	127 53	Chelsea	1,546	505 547
York	1,965	982	MOHWALLES-	••••	35	Revere	371	272
Biddeford	931	208	MASSACHUSETTS	<b>4</b> 97,966	52,712	Winthrop (town)	1,193	166
Balance of county	1,034	774		06.000		Worcester	11,246	6,264
MARYLAND	51,253	22,904	White Norwhite	95,986 1,978	51,747 965	F1 tchmrg	5,704 1,178	2,756 494
·			Monanteen	1,5,0	555	Athol (town)	17	70
White Nonwhite	40,403 10,850	18,178 4,726	Barnstable	653	557	Clinton (town)	417	142
			Berkshire	3,116	1,410	Gerdner	839	339
Allegany	2,559 2,000	967 611	Pittsfield	1,862	637 149	Milford (town)	592 743	274 221
Balance of county	559	356	North Adams	570	254	Northbridge (town)	334	65
Ann Arundel	1,941	77B	Balance of county	365	370	Bouthbridge (town)	526	147
White	1,485	506	Bristo]	8,133	4,509	Webster (town)	363 533	92 1,644
Nonwhite	456 1,049	272 212	Fall River	3,241 2,093	1,510 1,307	Balance of county	300	1,094
White	863	155	Taunton	802	659	MICHIGAN	154,160	56,551
Norwhite	186	57	Attleboro	1,096	319			
Balance of county	892	566	Fairhaven (town)	16	97	White	142,319	52,710
White	622 270	351 215	North Attleborough (town) Balance of county	29 856	85 532	Nonwhite	11,841	3,841
Nonwhite	968	1,650	Dukes	127	88	Alcona	97	36
District 122	261	88	Rogex	48,176	5,970	Alger	216	76
District 132	18	60	Beverly	963	361	Allegan	91.1	471 224
Balance of countyWhite	689 580	1,502 1,342	Haverhill	1,024 2,169	607 999	Alpena	799	174
Wilte Norwhite	109	1,542	Lymn	(4)	1,136	Balance of county	6	50
Baltimore (city)	28,899	11,510	Salem	1,470	570	Antrim	91	105
White	21,720	8,830	Ameebury (town)	271	1.54	Arenac	254	116
Nonwhite	7,179	2,680	Andover (town)	53	96 353	Barry	76 503	75 269
White	358 146	129 79	Glousester	549	294	Bav	2,456	82.6
Nonwhite	. 212	50	Merhlehead (town)	70	96	Bay City	2,332	654
Caroline	172	189	Mothmen (town)	621	202	Balance of county	124	162
White	77	149	Newburyport	451	220 205	Benzie	254 2,867	62 1,130
Carroll	95 257	40 729	Saugus (town)	298	104	Benton Harbor	1,314	258
Cecil	567	368	Swampscott (town)	1	65	Niles	685	183
Charles	558	144	Balance of county	206	506	Balance of county	868	689
White	287	91	Franklin	729	573	Branch	620 3,325	348 1,375
Nonwhite	271 567	53 338	Greenfield (town)	697 32	242 331	Battle Creek	2,556	766
Dorchester	358	242	Hampden	8,690	3,726	Balance of county	769	609
Nonwhite	209	96	Springfield	5,310	1 944	Cass	436	299
Cambridge	486	170	Chicopee	2 128	250 705	Cheboygan	263 436	140 172
White	339	113	Westfield	2,125 615	277	Chippewa	881	249
Nonwhite Balance of county	147 81	57 168	West Springfield (town)	6 8	106	Sault Ste. Marie	846	189
White	19	129	Release of country	621	446	Balance of county	35	60
Nonwhite	62	39	Hampshire	1,652	1,027	Clare	106 561	93 235
Frederick	1,490	760	Easthampton (town)	6 non	48	Crawford	294	85
Frederick	964 961	331. 304	Northampton	1,200	649 330	Delta	866	329
Monwhite	3	27	W 441 can	21,219	10,570 1,575	Recamaba	688	241
Balance of county	526	429	Cambridge	3,785	1,575	Balance of county Dickinson	178 710	86 268
Garrett	306 1,450	159 391	Lowell	3,063	1,371 941	Iron Mountain	489	121
HarfordWhite	1,285	329	Arlington (town)	404	312	Balance of county	221	147
Nonvirite	165	62	Belmont (town)	4	165	Eaton	463	322
Howard	160	140	Byerett	1,047	323	Emmet	636 7,047	279 1,963
White	96	1.08	Malden Medford	1,249	580 436	Flint	6,725	1,963
Nonwhite	64 345	32 168	Melrose	721	320	Balance of county	255	51.6
White	267	123	Newton	1,481	717	Gladvin	261	70
Nonwhite	78	45	Waltham	1,594	512	Gogebic	767	336
Montgomery	3,632	1,182	Wetertown (town)	7	167	Ironwood	294 473	119 217
White	3,343	1,018 164	Framingham (town)	1,187	548 270	Grand Traverse	1,014	589
Prince Georges	289 1,476	164 941	Marthoroph	476	197	Traverse City	952	221
White	1,322	760	Netick (town)	424	171	Balance of county	62	368
Nonwhite	154	181	Reading (town)	2	120	Gratiot	851 522	382, 336
Queen Annes	. 142	117	Stoneham (town)	618 5	144 95	Hillsdale	1,003	581
White	74 68	79 38		1,033		Huron	840	
Nonwhite	. 66	, 381	· without or / coatt)	,,,,,,,,,	,	— - <b>-</b>		

<sup>&</sup>lt;sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

\*Statistical transcripts for the 2,361 births that occurred in the city of Lynn were received at the National Office of Vital Statistics after tabulations were completed.

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

Manuals   4,00				(See headnote on p. 28)					
	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
March   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995   1995	MICHIGAN—Continued			MICHIGAN—Continued				•	
Section	Ingham	5,290							
Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   Column   C	Balance of combu			Kcorse			Balance of county		
Administration	Tonf 0	623	396	Nonwhite	54		Red Lake	_	
March   1997   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998   1998	TOECO			Grosse Pointe Park	_		Renville		
Section	Tenhal   2			River Rouge			B1ce	971	355
Maries of consts	Teckson			White			Paribualt		200
Delication of control   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50   1.50	Relance of comby						Book	1	
Delication of control	Ке 1ала 200	3,182	1,284			210	Rosen		142
Table	Kalamazog			·			St. Louis		
December   1,400   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1	Kalkaska			MINNESOTA	72,665	27,858	Hibbing	622	
Table	Kent	7,469	2,909	·			Virginia		
December   1	Grand Rapids	5,626	1,900				Scott		
Table	Komoney			· .	`		Sherburne		
Total Section				Aitkin			St. Cloud (part)		
April				Becker			955749	198	95
Description   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000   1,000	Targer	491	320	Reltrant			Stearns	2,742	
Adrians of control	Loelanau						St. Cloud (part)		
Balance of county	Adrian			Balance of county			Balance of county	667	
Machicane	Balance of county			Big Stone			Steele		
Bindering	Livingston			Mankato			Swift		
Mercan   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,050   1,0	Mackinac			Relance of county	10	90	Todd		
The content   15	Macombassassassassassassassassassassassassass			Brown			Traverse		
Second	Mount Clemens						Wadens		
Backfees	Balance of county			Cass		174	Waseca		
Manage of county	Manistos			Chippeva			Washington		
Manage of county	Marquette			Chisago			Wilkin		
Mesons	Balance of county			Clearyater		69	Winche		
Monthson   Sep	Wason						Winona		
Montable	Necosta						Wright		
Milland	Menomines		151	Cottonwood			Tellow Medicine		
Milane    688	Balance of county			Crow Wing			NTSCICETION	EE 792	90 043
Balance of county	Midland			Balance of county			MISSISSIPPI	03,123	20,043
Migrature	Balance of county			Dakota		348			9,235
Memore	Micsaukae			South St. Paul			Nonwhite	35,558	10,808
Montagemen	Monroe			Balance of county			Adams	1,057	397
Montagemen	Belance of county			Douglas	546	187		504	
Mackagen	Montes Im-			Parihault					
Municagen Relights	Montmorency		36 1 008	Fillmore					
Mushingon Relights	Muskegon	3,363	699	Albert Lea	1,069	196			
None	Muskegon Keights	8		Balance of county					
Description	Volume volume and a second sec			Grant				422	138
Fortilise	0et1end	5.838	2,276	Hennepin	17,316	6,517			
Strainghum	T	4,447	1,023	Minmeapolis					
Februarial	31-minoham			Hometon			Amite	41.9	132
Oceans	Ferndale			Fubbord					
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	Relance of county			Isenti					
Contenged	0,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,000,0000			Jeckson			White	476	137
Decolar	Ontonagon	174	113	I me					
Contains	Orceo14			Kandiyohi					
Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Comp	Otspro			Koochiching			Nonwhite		
Balance of county	Ottown	1,771		Tec and Parlanessans	229	106			
Prosque   Table	Rolland			Lake of the Woods					
Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   38   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25   Concession   25	Program Tolo			Le Sueur	310	153	Calhoun	593	128
Seginsw   3,965   1,053   McGod   778   214   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   45   Mintender   51   4	Rosecumon			Lincoln					
Section	Saginav		1,337	McTaod					99
St. Clair	Balance of county		284	Mahnomen	140	40	White	51	43
Port Buren	St. Clair	2,074	881.	White-r					
8t. Joseph	Fort Huron			Nonwhite-					
Sandlan	St. Joseph			Martin	635	196	Norwhite	311	85
Shiavasses	Sanilac	702		Meeker	366	173			76 47
Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second	Schoolcreft			Morrison					
Balance of county	Gvosso			Mover					
Van Buren	Halance of county			Austin					
Maintenam	Tuscola			Maranaman					172
Ann Arbor 2,384 1,006 No. No. No. No. No. No. No. No. No. No.	7			W(collet	338	361.	White	252	94
Tystlenti	Ann Arkon	2,384	1,006	Nobles	1		1 .		
Balance of county	Ypsilanti			Olmsted					
Balance of county				Rochester	1,446	1,038	Nonwhite	376	116
Normanite   1,151   1,580   15,000     Fergus Falls   713   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375   375	Balance of county	163		Balance of county	85	99			
White	Wayne			Forms Falls					
Nonwhite	Detroit White			Balance of county		247	Clarksdale	565	135
Dearborn	Nonwhite	8,090	2,302	Pennington					
Withland Bents 905 318   White 54 30	Dearborn			Pinestone					
Francotte	Wichland Temb	4.536	629	Polk	905	31.8	White	54	30
	Wyandotte	2,019	[ 407 l	Il Pope	1 290	106	Nonwhite	895	293

## VITAL STATISTICS OF THE UNITED STATES

Table 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

Minimary   March   March   Minimary   Mini				(See headmote on p. 28)					
Maria	ARRA AND RACE	Births	Deaths	AREA AND RACE	Birthe	Deaths	AREA AND RACE	Births	Desths
Services   198	MISSISSIPPI—Continued			MISSISSIFFI—Continued			MISSISSIPPI —Continued		
Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Company   Comp						j	Sunflower	1,695	427
Property									
Martin	Covington		97	Nonwhite	247	79	Tallahatchie	1,030	245
Property	Nonwhite	173	41	White	115	46			
Percent									119
Maile	Nonwhite	611	131		148	72	Nonwhite	421	80
Balticromagness   14	White		275			348			
									.22
Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part	White	1,088	226	Leftore	1,857	544	Tunica	678	193
Part   1	Balance of county	117	81,	Nonwhite					
Personal									
Berrige	Franklin	210	68	Nonwhite	235	152	Nonwhite	132	36
Section	Monwhite	131	34	White	66	34			133 70
Branch									63
March   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00	Nonwhite	42	10	White	573	152	White	692	235
Browned   Columbn   Colu	White	124	33	Lowndes	1,122	379			
Pale								686	
Record   Second   S		312	94	Columbus	680	240	Balance of county	1.34	97
Manual   Section   Secti	Hancock	281	109	Nonwhite	263	121			19 78
Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Service   Serv									815
Bilort	Harrison	2,416	657	Nonwhite	359	99	Nonwhite	1,546	601
White	Nonwhite	409	162	White	188	100			
College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   College   Coll	=								
White-		146	40	White	374	108	White	176	67
Balance of county	White	657	170					1,035 497	106
Minute									51 55
Minks		70 [	114	Monroe	1,157	323	Webster	236	80
March   S.   105	Hinds	4,272	1,468						13 13
Mailance of country									172
Balance of county	Jackgon	3,158	1,033	Nonwhite	220	67	Nonvhite	399 [	124
Rowless	Wonvhite	1,114	477	White	402				
Robbet   1,056   290   White   459   122   White   159   71   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   150   15									
White			290	White	499	122	. White	159	73
Number   195	White	159	86	Noxubee	704	234	Yezoo	1,135	415
Non-batter   115									
Mainte							MTSSAIRT	06 003	
Nonwhite	Issaquena	110	48	Nonwhite	443	69	Į į	<del>+</del>	<u> </u>
	Nonvhite	99 {	37						
White   29   59   59   59   59   59   59   59							Admir	1	•
Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S			178	White	522	109		699	318
Section	Jasper	521	129	Perry			Andrew	31	
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect									
Nonwhite		241	L14 [	Pike	1,254	360	Barry	594	213
White	Nonwhite	223	93 []	Nonwhite	581	158	Bates	283	213
Nonwhite									
White									
Laurel	White	1,378	338	Wbite	646	141	) White	751	239
White									
Balance of county					332	5₿			1,432
Nonwhite-	Balance of county	215	159	Renkin	617	501	Balance of county	34	102
Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian   Maridian									
Nonwhite-				Scott	631	164		287)	131
White	Nonwhite	405	73	Nonwhite	383	81	Callaway	343	406
Nonwhite	White	389	107						
White				Nonwhite	374	69	Camden	100	47
Leuderdale	White	127	50	White	420	110	Cape Girardeau	1,645	393
White	Lauderdale	2,022	B66				Carroll		191
Meridian 1,728 706 Stone 75 40 Cedar 125 113 White 1,152 447 White 24 28 Chariton 101 150					193			48	31
	Meridian	1,728	708	Stone	75	40	Cedar	125	113

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

The content	AREA AND RACE	Births	Donths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
Calculation	MISSOURI-Continued			MISSOURI—Continued			MCNTARA-Continued		
Charles						52		346	67
Section									102
Section of the control of the cont				St. Charles					65
Ballon   Section   Continue   C									
Second	Relence of countings			St. Clair					41
Debts	Cooper	464	257	St. Francois	834	404	Nonwhite		13
Debts	/ White			St. Louis		2,858			52
Decision	Nonwhite			University City	_				52
Decision	Daysassassassassassassassassassassassassa			Kirkwodenen					
Description   1987   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988   1988				Maplewood					
December   Compared	Daviess			Richmond Heights			Stillwater		36
Description	De Kalb	65	75	Webster Groves			Sweet Grass		30
Deckins	Dent			Balance of county			Teton	,	25
President	Douglas			St. Louis (city)			Toole		55
Company	Franki in							~	
Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Cont	Gasconade			Ste. Genevieve			Wheat and		
Second	Centry			Saline			Wibaux	1 -	6
Section	Greene		1.352	Schurlez			Yellowstone	1,879	558
Second			1,060	Scotland			Billings	1,857	469
Barrian	Balance of county			Scott			Belance of county	22	89
Barry	Vormi con			Shallow			Yellowstone National Park (part)	-	-
Bickloy	Henry			Stoddard				J	1
Second	Hickory			Store			NEBRASKA	31,079	12,541
Second	Holt			Sullivan			1		
No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.	Howard	144	1.27	Tanev	102		White	30,388	12,250
Trop:		117	102	Texas	300	136			591.
December   150							1		
Second City				Warren					387
Mailting	Yorkson		115	Washington					
Mindependence	Kenses City		5 404	Vahater			Autologo or county		
Monthespecial	. White		4.554	Worth			Arthur	124	
Table   County			850	Wright				_ [	2
Maintance of county	Independence			~	_			6	7
Section   County	Balance of county		407	MONTANA	14,795	5,849		179	71
Section   County	Jasper		1,119				Box Butte		128
Activation	Jopin (part)						Boyd		60
Balanco of County	Carthage			NOMMITTE	/88	298	Breen.		
Delance	Balance of county			Bcavarhead	779	ا مو	Threat		
Delanon	Jefferson			Big Horn			Butler		
Landen	Johnson	348					Cage		122
Infragrate	Knox		80		154		Cedar		87
Lawish									40
Liscoln					_				80
Line	Tevis			Brondunter-			Cleyeme		
Livingston				Carbon			Colfor.		
Martin	Linn			Carter			Chrostness		
Machine   156   62   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   42   Counter   70   62   Counter   70   62   Counter   70   62   Counter   70   62   Counter   70   62   Counter   70   62   Counter   70   Counter   70   Cou	Livingston						Custer	378	152
Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Maris   Mari	McDonald						Dakota	4	47
Namidation							Dawes		113
Manipla	Mandag			Chouteau			Dawson		
Balance of county	Marion			Deniele					
Balance of county	Hannibal			Dayson					
Millor	Balance of county	26	62	Deer Lodge	358	327			189
Mississypt	Mercer						Balance of county		51
White-   364   103	Miller			Balance of county			Douglas		3,040
Monitsus	MTSSTESTÖDI			Formus					
Montisear				Tethed					
Montgomery									
Morgan	Monroe			Gerffeld			Dundy		40
New Madrid	Montgomery						Fillmore		80
Matter   704   174   Routhitte   194   50   Gamitte   34   23   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion   469   246   Revion	Morgan			White			Franklin	36	52
Nowthite	New Madrid			Nonwhite			Frontier		41
New Non-				Granita					
Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution   Solution	Weston			H1]]			Restrice		
Balance of county	Joplin (part)			Jefferson					
Nodavay	Balance of county	469	244	Judith Basin			Garden		30
Company	Nodaway	767	328	Lake		1.35	Garfield		32
White	Oregon			White			Gosper	21	15
White	Orank.			Nonwhite			Grant		5
White	Pemi scot			Wolone			Greeley		45
Nomshite				Balance of country			Crand Taland		
Pettis				Liberty			Halance of county		
Pettis	Parry			Lincoln			Hemilton		
Belance of county	Pett18	736 .	394	McCone	3	25	Herlan		
Philips	Sedalia			Madison			Hayes	5	
Pike	Helence of comfa								34
White	The last of country			Mineral			Holt		
Folk	Phelps		240	1440004TG			Horney		
Park   280   144   658   February   144   658   February   145   February   145   February   146   February   146   February   147   February   147   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   February   148   Februar	Phelps			Missoula	エッリゼリ		To fife and a second		
Polk	Pike	. 333	219 21	Balance of county				320	
Pulnaid	Pike White Platte Nombite-	. 333 28	219 21	Balance of county	77		Johnson		
Pufame	Pike	333 29 6	219 21 109	Balance of county		49	Johnson	118	. 54
Rendolph	Piles White White Flatte Folk Pulnuki	333 28 6 221 629	219 21 109 187 143	Balance of county————————————————————————————————————	290	49	Johnson	118 144	. 54 65
Rendolph	Pilelps Pike- White Platte Polk- Pulanki- Putnam	333 28 6 221 629 133	219 21 109 187 143 89	Belence of county Musselshell	290 1 138	49 144 . 4	Johnson	118 144 172	. 54 65 57
Balance of county 76 98 Prairie 50 17 Lincoln 3.091 1.080	Piete White	333 29 6 221 629 133 32	219 21 109 187 143 89 52	Ralance of county Musselshell Park Petrolsum Phillips	290 1 138 226	49 144 . 4 49 56	Johnson	118 144 172 1 1	54 65 57 4 33
	Pike- White- Platte Folk- Pulnoki- Putnum- Ralla- Randaluh	333 28 6 221 629 133 32 536	219 21 109 187 143 89 52 395	Balance of county Musselshell— Fark Petroleum— Fhillips Fonders Powder River—	290 1 138 226 2	49 144 · 4 49 56 8	Johnson- Kearney- Ketth- Keya Paha- Kimball-	118 144 172 1 114 95	54 65 57 4 33 89
May	Picips Pike White Bombite Flatte Folk Pulnuki Punnaki Ralla Randolph Moberly Balance of county	333 28 6 221 629 133 32 536 459	219 21 109 187 143 89 52 385 287	Ralance of county  Musselshell  Park  Petroleum  Phillips  Fondara  Foudar River  Fowell	290 1 138 226 2 145	49 144 · 4 49 56 8	Johnson	118 144 172 1 114 95 3,100	.54 65 57 4 33 89 1,354

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

			(See headnote on p. 28)					
ARBA AND RACE	Birthe	Deaths	AREA AND RACE	Births	Deaths	AREA AND HACE	Birthe	Deetha
NEBRASEA—Continued			NEW HAMPSHIRE—Continued			NEW JERSET—Continued		
Lincoln	81,6	248	Grafton	1,591	606	Hudson—Continued		İ
North Platte	677	182	Hillaborough	3,989	1,728	Bayonne	1,269	594
Balance of county	139	66	Manchester	2,276	823	Hoboken	969	733
Logan	10	7	Ne.shun	1,227	438	Kearny	493	304
Loup	1	7	Balance of county	484	467	North Bergen (twp.)2 Union City	7 24	1.98 284
McPherson	1,018	5 358	Merrimok	1,315 875	1,064 709	West New York	12	167
Worfolk	1,009	207	Balance of county	440	355		7	82
Balance of county	9	151	Rockingham	1,478	755	Weehavken (two.)2	419	382
Merrick	150	73	Portamouth	689	233	li Halance of county	В	470
Morrill	75	36	Balance of county	789	522	Hunterdon	165	373
Nance	139	48	Strafford	1,231	506	Trenton	5,765 5,096	2,628 1,873
Nuckolls	176 236	102 87	Dover	452 762	215 169	Balance of county	669	755
Otoe	449	1.67	Belance of county	17	122	M4 441 0000	5,061	2,115
Pawaee	124	80	Sullivan	536	244	New Brunswick	2,703	605
Perkins	69	20	Claremont (town)	395	120	Perth Amboy	1,505	523
Phelps	369	117	Balance of county	141	124	Woodbridge (twp.)2	40 21	160
Pierce	375	88			1	Carteret	ü	51. 53
Platte	767	202 80	NEW JERSET	94,714	47,512	Balance of county	791	723
Red Willow	196 594	165	White	86,073	43,916	Monmonth	4,334	2,693
Richardson	407	162	Nonwhite	8,641	3,596	Asbury Fark	9	,111
Rock	48	19		-,	,	White	4	92
Saline	151	115	Atlantic	2,526	1,908	Nonuchite	5	19
Sarpy	178	55	White	2,056	1,595	Long Brench	1,921	589
Saunders	1.36	130	Nonwhite	470	31.5	Meptune (twp.)2	1,382 1,157	383 344
Scottsbluff	1,208 1 169	271. 211	Atlantic City White	1,688 1,256	1,100 875	Nonwhite	225	39
Balance of county	39	60	Nonwhite	432	225	Red Bank	437	190
Seward	262	100	Pleasantville	64	96	White	429	1.58
Sheridan	286	71	White	63	79	Nonwhite	8	32
Sherman	227	57	Monwhite	1	17	Balance of county	585	1,420
SiouxStantonStanton	2	10	Balance of county	774	712	Morris	2,423 809	2,017 242
Thayer	11 141	33 80	Garfield	5,907	3,669 1.05	Morristovn	1,550	378
Thomas	5	👸	Hackensack	2,247	606	Balance of county	64	1,397
Thurston	246	73	White	2,125	555	Ocean	1,171	735
White	135	47	Nonwhite	122	51	Passaic	9,335	3,541
Nonwhite	111	26	Teaneck (twp.)2	1,679	323	Paterson	5,335	1,913
Velley	128	63	Bergenfield	1	71	Clifton	10	253 845
Washington	175	74	Cliffside Park	, , 2	86	Hawthorne	3,950 3	69
Webster	173 146	75 78	EnglewoodWhite	1,840 1,750	418 391	Belance of county	37	461
Wheeler	2	9	Nonvhite	1,130	27	Selem	765	407
York	377	132	7 - 24	4	53	White	613	326
			Lyndhurst (twp.)2	3	91	Monwhite	152	81
NEVADA	3,752	1,680	Ridgefield Park	- '	74	Somerset	1,625	840 68
PM 14	~		RidgewoodboowegbiR	2	119	North Plainfield	1,620	772
White Nonwhite	3,486 266	1,560 120	Rutherford	120	109 1,614	Sussex	997	383
	t	1 1	Burlington	2,127	1,178	Union	8,057	3,221
Clark	92	63	Burlington	59	11.9	Elizabeth	3,818	1,252
Dougles	1,069 26	374 15	White	36	170	Plainfield	2,284	589
White	23	15	Nonwhite	23	9	White	2,064	519 70
Nonwhite	3		Balance of county	2,068	1,059	Nonwhite Cranford (twp.)2	220 8	98
Elko	268	130	Canden	5,979` 5.577	2,988 1,692	Hillside (twp.)2	5	78
White	251	1111	White	4,788	1,488	Tandon	23	93
Nonwhite	37	19	Nonvhite	789	204	Rahway	813	261
Fireka	]	8 13	Callingswood	61	95	Roselle	12	65
Humboldt	142	62	Gloucester City	13	64	White Nonwhite	2	59 6
Lander	5	20	Pennsauken (tvp.)2	31	11.7	Summit	10 1,061	274
White	3	19	Balance of county	297 357	1,020 506	Union (typ. \2	6	141
Nonwhite	2 86	1 31	Cumberland	2,021	1,017	Westfield	5	103
Lyon	53	42	Bridgeton	912	263	Balance of county	23	267
Mineral	208	61	White	714	226	Warren	830 758	349
White	136	36	Nonwhite	198	57	Balance of county	758 72	262
Norwhite	72	25	Milliville	401 708	209 525	January of County	'*	""
Nyc	22	59	Essex	20,176	9,127	NEW MEXICO	20,632	5,711
White Nonwhite	22	54 5	Newark	13,624	5,089	White	19,327	5,155
Ormsby	ية ا	22	White	11,399	4,332	Nonvhite	1,305	556
Pershing	42	41	Nonwhite	2,225	757	Bernalillo	4,229	1,146
Storey	l	6	Belleville	7 7	178	Albuquerque	3,115	728
Washoe	1,397	638	East Orange	847	236 587	Balance of county	1,114	418
Reno	1,391	564	Irvington	696	463	Catron	47	19
Balance of county	5 318	74 95	Montclair	617	362	Chaves	1,406	296
444-46 T 7463	31.8	50	White	765	334	Roswell	1,269	225
NEW HAMPSHIRE	12,783	6,197	Nonwhite	52	28	Balance of county	137 589	71 184
· · · · · · · · · · · · · · · · · · ·	<u> </u>		Orange	2,589	722	Curry	849	186
White	12 763	6,190	White Nonvhite	2,362 227	642 60	Clovis	845	160
Nonwhite	20	7	West Orange	4	122	Balance of county	4	26
Belknap	692	333	Maplewood (twp.)2	i	93	De Baca	97	20
Laconia	689	248	Maplewood (twp.) <sup>2</sup> Millburn (twp.) <sup>2</sup> Nutley	-	57	Dona Ana	1,152	264
Balance of county	3	85	Nutley	2	116	Eddy	1,369	311
Carroll	409	219	South Orange	1,582	69	Grant	736 208	22 <u>4</u> 67
Chook (wo	ro.			1.562	1,013	11		
CheshireKeene	694 665	372 219	Balance of county			Harding	73	19
KeengBalance of county	694 665 29	372 219 153	Gloucester	1,525 13,578	724 6,833	Harding	1,35	54
Keene	665	219	Gloucester	1,525	724	Hidalgo	1,35 736	19 54 137
KeengBalance of county	665 29 848 484	219 153	!Glouceater	1,525 13,578	724 6,833	Hidalgo	135 736 591	54

<sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

	<del>,</del>		(See neamble on p. 25)	<del> </del>	,	01		
AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
NEW MEKICO-Continued			NEW YORK-Continued			NEW YORK—Continued		
Lincoln	165	68	Madison	1,055	506	Westchester—Continued	i	
Luna	270	98	Oneida	800	221	Fort Chester	1,254	304
McKinley White	741 402	256 107	Balance of county	255 11,092	285 5,205	ScarsdaleBalance of county	2,163	49 1,825
Non-hite	539	149	Rochester	10,780	4,045	Wyoming	621	323
MoraOtero	262 356	B3   103	Irondequoit (town)	1 311	95	Yates	316	204
Quev	350	140	Balance of county	1,170	1,065 662	NORTH CARCLINA	109,605	30,147
Rio Arriba	922	244	Amsterdem	1,151	461	White	74,776	19,903
Roosevelt	311 590	89 120	Balance of county	.9,789	201 4,194	Nonwhite	34,829	10,244
White	486	84	Floral Park	318	94	Alamance	1,715	347
Norwhite	104 455	36 185	Freeport	518	151	White	1,259	. 284
White	226	63	Glen Cove	926	92 223	Burlington	456 924	63 118
Nonwhite	229	122	Hemostead	3	132	Balance of county	791.	229
Sen Miguel	1,085	349 354	Lynbrook	1,613	88 294	White Norwhite	425 366	179 °
Santa Fe	1,176	300	Rockville Centre	2,855	262	Alexander	126	72
Balance of county	209 125	54 j 107	Valley Stream	- 5	110	Alleghany	102	50
Socorro	322	105	Helance of county	3,549 157,930	2,748 81,636	White	844 338	220 114
Taos:	508	147	White	137,750	74,107	Nonwhite	506	106
Torrance	248 216	66 74	Nonwhite	20,180 4,671	7,529 1,671	Ashe	659 466	123 76
Valencia	664	196	Niagara Falls	2,786	788	Beaufort	1,260	365
White Nonwhite	599 65	172	Lockport	995	361	White	822	. 506
MODALI CE	55	24	North Tonawanda	875 15	224 298	Nonwhite	43B 748	159 189
NEW YORK	302,740	157,766	Oneida	5,117	2,890	White	-210	69
White	278,169	148,105	Utica	3,562	1,546	Nonwhite	538 665	120 156
Nonvhite	24,571	9,661	Balance of county	1,358	593 761	White	256	73
			Onondage	8,089	3,394	Nonwhite	409	83
Albany	4,888 4,517	2,955 2,041	Syracuse	7,977	2,542 852	Brunswick White	420 185	110 67
Cohoes	335	201	Ontario	1,546	· 794	Nonwhite	235	43
Watervliet	11 11	112	Geneva	629	1.89	Buncombe	3,209	1,352
Halance of county	25 919	601 438	Balance of county	917 3,373	605 2,014	White Nonwhite	2,841 368	1,071 281
Broome	4,894	1,989	Newburgh	1,001	494	'Asheville	2,977	797
Endicott	2,403 760	1,200 135	MiddletownBalance of county	776	571	White	2,638	616
Johnson City	1,552	342	Orleans	1,596 634	949 333	Balance of county	339 232	181 555
Halance of county	179	312	Oswego;	1,546	7B3	Burke	1,069	402 407
Cattarangus	2,130 1,326	905 344	Oswego	622 770	160 264	White	1,403	318
Balance of county	804	561.	Balance of county	154	359	Nonwhite	336	89
Cayuga	1,633 1,592	789 574	Oneonta	1,089 586	675	ConcordWhite	1,517 1,268	209 156
Balance of county	41	215	Balance of county	503	231 444	Nonwhite-	249	53
Chautauqua	3,054 1,861	1,454 652	Putnam	283	202	Belance of county	222	198
Dunkirk	640	225	RensselaerTroy	3,333 3,215	1,768 1,246	WhiteNonwhite	135 87	162 36
Balance of county	553	577	Rensselser	6	103	Caldwell	1,233	232
ChemungElmira	2,223 2,215	907 728	Balance of county	112	419	Camden	92 28	35 25
Balance of county	8	179	St. Lawrence	1,677 2,525	1,186	Norwhite	64	ري 10
Clinton	860	452	Massena	531	109	Carteret	589	170
Plattsburgh	1,392	598 338	Ogdensburg	609 1,385	482 669	White Nonwhite	507 82	136 34
Balance of county	154	260	Seratoga	860	890	Caswell	370	84
Rudson	728 651	595 269	Saratoga Springs	494	277	White Nonwhite	93 277	44 40
Belance of county	77	327	Balance of county	366 3,330	613 1,385	Cetawbe	1,847	392
Cortland	1,111	470	Schenectady	1,897	1,045	White	1,685	340
Balance of county	1,087 24	328 142	Balance of county	1,433	340   218	Norwhite	162 1,146	52 · 155
Delaware	1,080	533	Schuyler	247	169	White	1,080	132
Poughkeepsie	2,164 1,074	2,189 536	SenecaSteuben	481 2,456	543	Nonwhite	66 701	23 237
Beacon	259	165	Corning	934	1,213 251	Chathan	529	177
Balance of county	831	1,487	Hornell	605	21,7	White	319	112
Buffalo	19,328 17,175	9,265 7,170	Balance of county	917 5,017	745 4,580	Nonwhite	210   615	65 151
White	16,101	6,821	Sullivan	824	585	Chowan	400	114
Kenmore	1,074	349 83	Tioga	451	345	White	191 209	45
Lackavanna	1,625	332	TompkinsIthece	1,255 1,239	526 322	Nonwhite	67	69 17
Tonavanda	_ 3	. 77	Balance of county	16	204	Cleveland	2,071	340
Essex	1,003	1,603 483	Ulster	1,457	1,188	White Nonwhite	1,506 565	254 86
Franklin	1,003	534	Kingston	1,084 373	602 586	Shelby	1,273	177
Fulton	899	626	Warren	1,635	643	White	1,035	140
Johnstown	888	409 113	Glens Falls	1,578 57	451 192	Nonwhite Belance of county	238   798	37 163
Balance of county	10	104	Washington	535	512	White	471	114
GeneseeBetavia	1,210	626 413	Wayne	811	620	Nonwhite	327	49
Balance of county	1,194	213	Westchester Youkers Youkers	11,690 5,110	5,926 1,401	ColumbusWhite	1,395 841	351. 227
Greene	531.	379	Mount Vernon	1,453	696	Nonwhite	554	124
Hamilton	8   1,464	55 721	New Rochelle	1,382	634	Craven	1,305 818	350 156
Little Falls	589	196	White Nonwhite	1,213 169	573 61	Nonwhite	487	194
Belance of county	876	525	White Plains	1,378	· 527	New Bern	723	201
Jefferson	2,126 1,533	1,062 577	Mamaroneck Ossining	2 371	66 203	White Nonvhite	452 271	83 1.1.8
. Balance of county	593	485	White	346	185	Balance of county	582	149
Lewis	440 411	240 459	Nonwhite Peekskill	25	18	White	366	73 76
TT 1 7 FQ 0 0 017 =	اعتب	403	. JORDALLI VILLE CONTROL OF THE CONT	577	SS1	Nonwhite	S16	76

 $^{5}\mathrm{Comprtising}$  Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.  $891563\,O--50---7$ 

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
NORTH CAROLINA-Continued			MORTH CAROLINA-Continued			NORTH CAROLINA—Continued		
CumberlandWaite	3,047 2,173	756 477	Hoke	364 75	205 55	Pender	379 117	112 50
Nonwhite Fayetteville	874 1,383	279 495	Nonwhite	289 106	150 51	Norwhite	262 199	62 72
White	942	318	White	7	31	White	44 155	32 40
Nonwhite Balance of county	441 1,664	177 261	Nonwhite	2,110	20 492	Person	696	1.15
White Nonwhite	1,231 433	159 102	White Nonwhite	1,715 395	382 110	White Konwhite	369 307	75 40
CurrituckWhite	89 39	48 26	Statesville	1,177 1,040	251 200	Pitt White	1,779 739	446 187
Nonwhite	50	22 34	Nonwhite	137 933	51 241	WorwhiteGreenville	1,040 845	259 192
Davidson	56 1,402	353	Balance of county	675	182	White	487	93
White Nonwhite	1,243 159	298 55	Jackson	258 474	59 1 <b>36</b>	Nonwhite Balance of county	358 934	99 <b>25</b> 4
Lexington	722 645	128 103	JohnstonWhite	1,396 935	360 261	White Nonwhite	252 682	94 160
Nonwhite	77 457	25 79	Nonwhite Jomes	461 164	99 49	Polk White	255 21,1	87 73
ThomasvilleWhite	413	63	White	35	26	Nonwhite	1,120	14 318
Norwhite Balance of county	223	16 146	Nonwhite	129 916	23 190	Richmond	1,025	288
Davie	155 112	81 66	White Nonwhite	671 245	140 50	White Nonwhite	659 366	187 101
Nonwhite	43 935	15 259	Lemoir	1,940 1,202	478 267	RobescnWhite	2,848 1,077	620 266
Duplin White	416	159	Nanwhite	738	211	Nonwhite	1,771 1,722	354 468
Nonwhite	519 3,545	100 1,209	KinstonWhite	1,502	327 195	White	1,290	330
White Nonwhite	2,401 1,144	790 419	Nonwhite Balance of county	350 438	132 151	Norwhite Reidsville	432 795	138 190
Durhem	3,483 2,384	1,062 690	White Nonwhite	50 388	72 79	White	590 205	113 77
Nonwhite	1,099	372	Lincoln	798	171 143	Balance of county	927 700	278 217
Balance of county	62 17	147 100	White Nonwhite	681 117	28	Nonwhite	227	61
Nonwhite Edgecombe	45 1,487	47 415	McDowell	749 423	147	White	1,497	502 381
White Ncmwhite	549 938	167 248	Madison	319 721	103 194	Nonwhite	328 1,253	121 277
Rocky Mount (part)	375	97	White Nonwhite	272 449	97 97	White Nonwhite	1,042	216 61
White Nonwhite	231 144	51 46	Mecklenburg	5,811	1,674	Balance of county	244 127	225 165
Balance of county	1,112 318	318 116	White Nonwhite	4,459 1,352	1,107 567	White Nonwhite	117	60
Nonwhite	794 4,161	202 1,332	Charlotte	5,626 4,409	1,360 918	Rutherford	1,084	263 232
White	2,987	859 473	Nonwhite	1,217	442 314	Nonwhite	150 1,325	31 287
Nonwhite Winston-Salem	1,174 3,892	1,069	Balance of county	50	189	White	695 630	170 117
White Nonwhite	2,787 1,095	638 431	Monwhite	135 485	1.25 65	Scotland	892	212
Balance of county	279 200	263 221	Montgomery	378 258	106 69	White Nonwhite	515 577	80 132
Nonwhite Franklin	79 612	42 198	Moore	120 970	37 275	StanlyWhite	968 847	230 190
White	200	97 101	White Nonwhite	666 304	1.85 90	Nonwhite	141 288	40 303
Monwhite	412 2,130	612	Nash	2,019	593	White Nonwhite	253 35	94 9
White Norwhite	1,742 388	505 107	White Nonwhite	1,100 919	294 299	Surry	1,763	332
GastoniaWhite	1,587 1,383	265 217	Rocky Mount (part)	1,184 915	351 197	Swein White	534 206	69 47
Nonwhite	204 543	48 347	Nonwhite Rocky Mount (total)	269 1,559	154 448	Nonwhite	128 397	22 64
Balance of county	359	288	White	1,146	248 200	Tyrrell		35 25
Nonwhite	184 220	59 68	Nonwhite Balance of county	835	242	Nonwhite	63	10 255
White Nonwhite	42 178	32 36	White Nonwhite	185 650	97 145	White	1,232	176
Graham	188 852	29 274	New Hanover	2,066 1,365	721 391	Nonwhite	292 1,041	79 290
White	321 531	167 107	Nonwhite Wilmington	701 2,050	330 610	White Nonwhite	517 524	147 143
Greene	395	91	White	1,359	317 293	WakeWhite	3,522 2,341	1,218 793
White Nonwhite	119 276	30 61	Balance of county	16	111	Nonwhite	1,181	425 903
Guilford	4,889 3,872	1,334 951	White Worwhite	10	74 37	White		594
Nonwhite	1,017 3,074	383 709	Northampton	626 57	147 41	Nonwhite Balance of county	826	309 315
White	2,419	482 227	Norwhite	569 1,110	106 204	White Nonwhite		199 116
Nonwhite	655 1,572	307	White	905	149	Warren	692	154 45
White Nonwhite	1,335 237	228 79	Nonwhite	205 176	55 137	Nonvhite	566	109
Balance of countyWhite	243 118	31a 241	White Nonvhite	51 125	92 45	Washington		90 34
Norwhite	125 2,102	77 507	PamlicoWhite	240 121	69 34	Nonwhite	423	102 56
HelifaxWhite	798	209	Nonwhite	119	35 226	Wayne	1,598	681 225
Harnett	1,304 1,504	298 307	Pasquotank	443	1.56	Nonwhite		456 227
White Nonwhite	1,091 413	203 104	Nonwhite	294 550	90 173	GoldsboroWhite	658	116
Haywood	1,001	182	White Nonwhite	415 135	1,07 66	Nonwhite	305 635	11.1 454
Hertford	494	140	Balance of county	187 28	53 29	White	240 395	109 345
White Norwhite	108		White Nonwhite		29	Wilkes	1,063	276

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

No.	AREA AND RACE	Births	Denths	AHER AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
			252.52					-	
Walter   1964   1965   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966	•								
National Column   1964   1965   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   1966   196				Auglaize			Newark		758 475
Deliance of controls   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00		848	276	Belmont		961	Balance of county	4.5	283
Balanco of constly							Logan		1.327
Description of controls							Elvria		355
Product	Balance of county	577	189	Brown	229	228			538
Validation									434 4,575
Market   10,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   74,765   7	Yadkin			Middletovn	1,683		Toledo	10,534	4,213
March   10,755   5,055   100   March   10,755   6,055   100   March   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,755   10,75	Yancey	202	72	Balance of county					3,880 333
Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description   Description	NORTH DAKOFA	16.785	5.045	Champaign		260			362
Manual		<u>`</u> _	<u>-</u>	Clark		1,258			158
Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sales   Sale			4,924			1,000	Youngstown (part)		2,536 2,076
Section   1.00	101111111111111111111111111111111111111	500				125	White	5,547	1,835
Second				Balance of county					241 2,076
Second				Clinton			White	5,547	1,835
Salame	White	95		Columbiana					241 45
Birthings		50		Salem					34
Description	Bottineau	298		Balance of county	211	446		1 -	11
Stanset   1.607	Bowman								47 368
Balance of country	Burleigh			Balance of county			Marion	1,283	513
Description   County   Count	Bismarck	1,600	370	Crawford	1,233	440	Marion	1,256	409
Page	Balance of county			Cnyahoga			Medina		· 104 382
Description	Fergo	2,274		White	23,154	B.925	Meigs	51.2	206
Richard   174	Balance of county	13	181.		3,984	1,423			282 544
Data	Cavalier			East Cleveland			Piqua		261
Montemark   1976   11,658   11,658   12,658   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655   13,655	Divide	145	48	Lakewood	1,311	623	Balance of county		383
The content   140				Euclid			Montgonery		166 4,213
Total	Emions			Ратша			veyton		2,995
Creat   Tracks   1,555   376   Darks   652   664   665   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   675   6	Foster	148	59	Shaker Heights	3				2,666
Tables	A			Balance of county	1,302	1,305			329 1,218
Delanace of county	Grand Forks	1,419		Defiance	768		Morgen		154
Second column	Balance of county	116					Morrow		147
Rethiftiger	Grant			Sandusky			Zenesville		932 723
Lancare	Hettinger		25	Balance of county	7	159	Balance of county		209
Mailtonia				Fairfield	1,105				102
Medicard	T.OGRA			Balance of county			Paulding		266 143
McLean	McHenry	1		Fayette			Perry	184	296
Mercer	McTenzie					5,383 4,730	Pickavay		328 115
Mercer	McLean	1.31.	64	Nonwhite	1,429	653	Portage		497
Mountrail	Mercer					4,658	Preble		206
Delicon	Mountrail					594	Richland		150 ° 863
Femilian	Nelson			Balance of county				1,761	485
Rearger	Oliver			Fulton					378 537
Ransgy	Pierce			Geauga			Chillicothe		272
Retrible	Ramsey			Greene			Balance of county		265
Richland	Renville						Sendusky		533 230
White-	Richland	154	98	Nomehite	21	24	Balance of county		303
Sargent								2,262	887
Sargent									636 251
Shour	Sargent	11	37	Balance of county	106		Seneca		€06
White-   6   2	Stour					8,557	Fostoria (part)	4 50¢	77. 202
Stock	White	6	2	Nonwhite	2,201	1.120	Tiffin	903	272
Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step   Step	Nonwhite	76	27		16,072	7,284	Balance of county	28	157
Steele		950			2.146	1.005	Stark		294 2,858
Towner	Steele	91	29	Norwood	7	169	Canton	4,984	1,318
Trail				Belence of county			Massillon		384
Wallsh	Treili			Findley		355			534 820
Minot	Walsh	576	209	Fostoria (part)	582	125	Summit	10,650	3,201
Balance of county		1,695						9,538	2,378
Mells	Balance of county	164		Harrison	40	164		l 768 i	2,169 209
CHIO	Wells	365	55	Henry	390	222		1,076	235
CHTO	Williams	702	172	Hocking				2 34	128 460
White	OHIO	186,111	80,566	Holmes	554	196	Trumbull		1,119
Nonwhite	Uhite	170 502	74 607	Huron				-	-
Adams         305         181         Steubenville         2,445         582         Warren         2,839           Allen         3,480         1,105         Balance of county         112         350         Miles         67           Lims         30,966         834         834         834         271         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10         10				Jefferson		912		[	-
Allen		-		Steubenville	2,445	582	Warren		604
Line							Balance of county		76 439
Balance of county	Ling		834	Mount Vernon	950	256	Tuscarawas		764
Ashland	Balance of county	394		Balance of county			New Philadelphia	9	101
Balance of county 13 316   Van Wert 515	Ashland						Union		· 663
Achtebrale 1 005 309   Vinton	Balance of county	. 6	145	Balance of county	13	316	Van Wert	515	278
	Ashtabula	1,640	843	Lawrence	1,085	399		202	93 298
Ashtabuln						152	Washington		511

Table 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
OHIC Continued			OKLAHOMA—Continued			OKLAHOMA—Continued		
Washington-Continued		]	Kiova	374	155	Tulsa	6,219	1,950
Marietta	852	295	Latimer	361	130	White	5,684	1,724
Balance of county	133 957	216 5 <b>2</b> 5	Le FloreLincoln	632 425	217	Norwhite	535 5,684	226 1,718
Wooster	810	209	Logan	427	252	White	5,189	1,507
Balance of county	147	316	White	322	192	Nonwhite	495	211
Williams	415 410	303 404	Monwhite	105 354	50 167	Balance of county	535 300	232 67 53
Wyandot	54	192	White Nom/hite	281	130 37	White Nonwhite	223	53 34
OKTAHOMA	49,736	18,591	Belance of county	73 73	85	TTo all discontinue	726	259
White	44,130	16,245	White	41	62	Bertlesville	690	195 64
Nonshite	5,606	2,346	Norwhite	32 110	23 47	Balance of county	36 251	97
Admir	173	94	McClain	255	83	Woods	382	134
White Nomwhite	140 33	54 40	McCurtain	639 431	219 167	Woodward	457	251
Alfalfa	1.35	88	Nonwhite	208	52	CREGON	35,180	14,191
AtokaBeaver	319 181	97 50	McIntosh	402 298	126   77	White	34,542	13,918
Beckham	667	206	Nonwhite	104	49	Nonwhite	638	275
Blaine	325 286	125	Major	117	55 54	Baker	362	1.76
White Nomwhite	39	108	Mayes	174 335	157	Benton	885	181
Bryan	714	250	Murray	235	129	Clackamas	905	588 327
Durant	506 208	123 127	Muskogee	1,589	886 573	ClatsopAstoria	644 569	209
Caddo	768	239	Nonwhite	316	313	Balance of county	275	118
White Nonwhite	712 56	208 31	Muskogee	1,285 1,092	634 458	Coga	214 1,146	127 409
Canadian	350	178	Nonwhite	193	176	Crook	250	56
El Reno	322	121	Balance of county	304 181	252 115	CurryDeschutes	49 717	61 170
Carter	28 748	57 323	White Nonwhite	123	137	Bend	602	115
White	667	278	Noble	134	71	Belance of county	115 967	55 369
Normhite	81 611	45 239	Nowata	179 162	118 102	Gilliam	17	1.3
White	550	202	Nonwhite	17	16	Grant	182	67
Nonwhite Balance of county	61 137	37 84	Okfuskee	390 260	148 88	Hood River	123 387	53 103
Cherokee	676	148	Nonwhite	130	60	Jackson	1,361	552
White	370	102	Oklehoma City	8,201	2,866 2,398	MedfordBalance of county	1,134 227	254 298
Nowhite	306 456	46 188	White	7,590 6,773	2,114	Jefferson	39	26
White	355	139	Nonwhite	807 621	284 468	White Nozwhite	36	14
Nonwhite	101 26	49 19	Belance of county	1,034	393	Josephine	634	275
Cleveland	742	392	White	828	289	Klamath Falls	1,297	331 226
NormanBalance of county	691 51	282 110	Nonwhite Okmulgee	206 505	104 193	Balance of county	14	105
Coal	92	47	White	410	131	Lake	178	43
Comanche	1,653 785	309 198	Nonwhite Belence of county	95 529	62 200	Lane	3,095 2,661	90 <b>4</b> 570
Balance of county	868	111	White	418	158	Balance of county	434	334
Craig	123 338	66 295	Nonwhite	111 583	42 227	Lincoln	345 1,233	1.83 425
Creck	686	391	Ottewe	783	322	Malheur	952	148
White Nonwhite	570 116	330 61	Payne	287 1,338	137 277	Marion	2,441	1,211 869
Sapulpa	306	164	Stillwater	812	122	Balance of county	395	342
White	248	131	Belance of county Pittsburg	526 938	155 363	Multnomeh	22 12,373	31 5,493
Nonwhite  Belance of county	58 380	33 227	White	952	326	Portland	12,201	4,706
White	322	199	Nonwhite	86	37	Balance of county	172 334	787 149
Monwhite	58 651	290	McAlester	742 679	228 203	Sherman	334	7
Delsware	98	92	Nonwhite	63	25	Tillamook	453	148
White Nonwhite	78 20	84 8	Balance of county	196 173	135 123	Union	716 439	393 190
Devey	47	58	Nonwhite	25	12	Wallowa	147	55
Carfield	185 1,456	83 537	Pontotoc	81.7 750	259 195	Wasto	51.1 733	219 383
Enid	1,441	444	Balance of county	67	64	Wheeler	4	12
Balance of county	15	93	Pottawatomie	948 894	401 278	Yamhill	824	309
Garvin	741 780	189 318	Balance of county	54	123	PENNSYLVANIA	227,366	108,888
Chickasha	673	221	Pushmataha Roger Mills	207 9	63	White	210 047	101 527
White Norwhite	639 34	200	Rogers	469	35 204	Nonwhite	210,947 16,419	101,537 7,351
Balance of county	107	97	Seminole	741	275			
Greer	6	52 99	White	593 148	211 64	Allegheny	879 34,752	356 16,040
Kermon	219 109	54	Seminole	347	93	Pittsburgh	22,943	8,682
Herper	30	27	Wevoka	260 214	61 <b>43</b>	White Norwhite	20,740 2,203	7,793 889
Heskell	213 501	71 191	Nonwhite	66	18	McKeesport	2,946	889
White	438	151	Balance of county	114	1.21	Wilkinsburg	1,479	425
Jackson	63 490	40 161	White Nonwhite	64 50	86 35	Bellevue Braddock	691 1,431	259 317
Jefferson	180	62	Sequoyah	353	1.06	White	1,266	285
Johnston	128	62 438	White Nonwhite	318 35	94 12	Nonwhite Carnegie	165 10	52 62
Ponca City	1,170 789	220	Stephens	918	240	Clairton	44	79
Balance of county	381	218	Texas	240	59	White Norwhite	18 26	70
KingfisherWhite	218 200	87 80	TillmanWhite	363 299	160 130	Coraopolis	6	5.5
Nonwhite		7			30	Dormont	1 1	86

TABLE 1-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

			(cee neadhors on p. 2a)	<del>,</del>			<del>,</del>	
AREA AND RAGE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Birthe	Deaths
PENNSYLVANIA—Continued			FENNSYLVANIA-Continued			· PENNSYLVANIA—Continued		
Allegheny—Continued			Franklin	1,965	847	Susquehama	387	. 292
Timegro	24	87	Chambersburg	1,081	275	Tloga	824	416
Harrison (twp.)2 Homestead	1,685 731	364 224	Waynesboro	705 179	146	Union	747	250
White	687	197	Fulton	112	426 78	Oil City	1,463 863	787 288
Nonwhite	44	27	Greene	1,128	4.36	Balance of county	600	499
McKees Rocks	4	8 <u>4</u> 107	Huntingdon	977 1,462	431 639	Warren Varren	690	659
Munball	2	52	Indiana	8	62	Balance of county	625 65	223 436
North Braddock	13	63	Balance of county	1,454	567	Washington	4,832	1,848
Shaler (twp.)2Stowe (twp.)2	17 517	74 116	JeffersonJuniata	1,250	492 106	WeshingtonCanonsburg	1,403	420
Svisavale	3	79	Lackavama	5,595	3,161	Charleroi	796 5	142 56
Balance of county	2,205	4,143	Scranton	4,006	1,752	Donore	5	60
White Nomshite	2,107 98	3,844 299	Carbondale Dickson City	710	311 43	Balance of county	2,623 298	1,170 379
Armstrong	1,364	657	Dummore	66	145	Westmareland	6,007	2,622
Aliquippa	2,646	1,315	Old Forge	17	56	Arnold	4	32
White	9 <u>1</u> 33	130 107	Belance of county	790 5,452	854 2,283	Greensburg	.1,824 19	351 87
Nonwhite	58	25	Lancaster	3,565	997	Latrobe	1,159	221
AmbridgeBeaver Falls	8	74	Columbia	490	136	Monessen	34	101
Ellwood City (part)	828	230	Balance of county	1,397 2,739	1,150 964	Vandergrift	1,477	312 47
Balance of county	1,719	881	New Castle	1,985	588	Balance of county	1,455	1,471
Bedford	646	366	Ellwood City (part)	711	132	Wyoming	271	179
Reading	4,645 1,982	2,900 1,259	Ellwood City (total)	711	132 244	York	4,715 2,436	1,908 767
Balance of county	2,663	1,641	Balance of county	1,704	759	Hanover	1,033	211
Altoona	3,721	1,599	Lebenon	1,504	420	Balance of county	1,246	930
Balance of county	3,013 708	1,065 534	Balance of county	200 5,998	339 2,427	RHODE ISLAND	17 909	0.100
Bredford	1,283	640	Allentown	3,846	1,499	ARAGE ISOMES	17,202	8,125
Bucks	1.,828	1,095	Bethlehem (part)	1	54	White	16,778	7,941.
Balance of county	165 1,663	96 999	Balance of county	2,151 8,151	974 4,068	Nonwhite	424	184
Butler	1,717	992	Hazleton	1,630	468	Bristol (town)	18	154
Butler	16	144	Wilkes-Earre	3,388	1,234	Belonce of county	12	67 87
Balance of county	1,701 5,414	848 2,039	Handver (twp.)2	1,370	88 366	Kent	227	498
Johnstown	3,671	974	Nent toke	655	267	Warwick	24	256
Balance of county	1,743	1,065	Pittston	13	115	West Warwick (town)	192	122 120
Carbon	15 677	27 556	Plains (twp.)2	15 16	75 109	Westport	1,316	618
Centro	1,962	664	Balance of county	1,055	1,346	Newport	1,309	479
Chester	2,896	1,572	I Tarcoming	2.569	1,171	Providence	7 14,307	139 6,396
Coatesville	71 10	110 86	Williamsport	1,942 627	683 488	Providence	10,364	3,191
Nonwhite	61.	24	McKean	1,292	540	Central Falls	434	166
Phoenixville	532	354	Bradford	681	225	East Providence (town)	235 S	939 200
West Chester	1,180 993	367 320	Balance of county	611 2,924	315 1,104	Pawtucket	1,680	793
Nonwhite	187	47	Sharon	1,591	394	Woonsocket	1,555	499
Halance of county	1,113	941	Ferrell	7	61	Gumberland (town)	12	88 60
Clearfield	1,820	301. 774	White Norshite	. 5 . 2	52 9	Johnston (town)	2	76
Du Bois	878	237	Belance of county	1,326	649	North Providence (town)	1	85
Balance of county	942	537	Mifflin	1,330	474	Balance of county	18	299 459
Lock Hevon	980   806	377 219	LewistownBalance of county	301 1,029	90 384	Westerly (town)	623	168
Balance of county	174	159	Monroe	851	404	Balance of county	711	291
Columbia	1,159	587	Montgonery	6,690	3,483	SOUTH CAROLINA	58,124	17,917
BerwickBalance of county	539 600	152 435	Non-tegonory  Nouristown  Abington (twp.)2	1,648 1,785	548 810	DOULD WARRING	COPILER	21,021
Crawford	1,907	849	Abington (twp.)2	1,513	529	White	32,020	9,095
Meedv11le	1,330	364	Cheltennam (twp.)~	' 5	147	Nonwhite	26,104	8,822
Balance of county	577 1,909	485 795	Conshohocken	19 1,314	75 331	Abbeville White	409 213	196 101
Carlisle	869	260	Balance of county	408	1,043	Nonwhite	196	95
Balance of county	1,040	535	Montour	1,133	478	Aiken	1,215	460
Dauphin	5,031 4,254	2,351 1,376	NorthamptonBethlehem (part)	2,552 80	1,388 222	White Nonwhite	665 550	245 215
Steelton	26	95	Bethlehem (total)	81	276	Allendale	307	115
White	31.	77	Easton	550	302	White	19	25
Balance of county	15 751	18 880	Balance of county Northumberland	1,922 1,639	864 1,170	Anderson	288	90 724
Delavare	6,456	5,135	Kount Carmel	26	100	White	1,838	503
Chester	1,665	717	- Shomokin	21	158	Nonwhite	556	221
White Nonwhite	1,270 595	542 175	Sunbury Balance of county	628 964	261 651	AndersonWhite	1,534	429 319
Haverford (tum.)2	333	192	Parry	183	185	Nomwhite	1,346	110
Upper Darby (twp.)2	574	454	Philadelphia, coextensive with		Į.	Balance of county	840	295
Darby	2,439 2,301	260 239	Philadelphia (city)	48,178 38,355	24,605 20,459	White Norwhite	492 848	184 111
Nonwhite	58	239	Nonwhite	9,823	4,146	Bamberg	353	109
Lanadowna	1	83	D11/0	21	79	White	83	49
Balance of county	1,577 887	1,429 307	Potter	.261 4,213	159 2,340	Barnvell	270 447	60 152
Erie	5,321	2,149	Mahanoy City	19	90	White	82	39 39
Erio	4,584	1,481	Potteville	1,746	501	Norwhite	365	115
Fayette	737	1 787	Shenandosh	15 10	130 73	Beaufort	789 262	257 58
Commellsville	4,302 913	1,787 232	Balance of county	2,423	1,546	White Norwhite	527	58 199
Uniontown	1,697	475	Snyder	123	208	Berkeley	866	256
Balance of county	1,692	1,080	Somerset	1,840	754	White	194	· 61
COT DO PARAMETER !	38	39 [	Sullivan	26 1	56 I	Nomwhite l	672	195

<sup>&</sup>lt;sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

	Y		(See meadhote on p. 28)				1	
AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Birthe	Deaths
SOUTH CAROLINA—Continued			SOUTH CAROLINA—Continued			SOUTE DAKOTAContinued		
Calhoun	391	109	Marion	1,426	335	Clark	41 225	48
White Nonwhite	380	23 86	White Nonwhite	746 680	126 209	Codington	886	72 211
Charleston	5,055	1,599	Marlboro	1,112	343	Watertown	886	195
White	2,563	713	White	556	139	Balance of county	15	16 8
Nonwhite	2,492 3,621	886 1,103	Newberry	556 829	204 223	White	10	8
White	2,201	539	White	494	127	Nombite	5 20	46
Nonwhite Balance of county	1,420 1,434	564 496	Worwhite	335 953	96 261	Davison	958	266
White	562	174	White	834	207	Mitchell	956	254
Nonwhite	1,072 851	322 229	Nonwhite	119 2,168	54 688	Balance of county	283	12 98
Cherokes	623	1.65	Orangeburg	716	262	Denel	19	43
Nonwhite	228 706	64 225	Nonwhite	1,452	426 292	Dewey	72 10	24 8
ChesterWhite	292	112	Orangeburg	581	145	Nomehite	62	16
Nonwhite	414	113	Nonwhite	191	147	Douglas	143	25 46
Chesterfield	704 283	209 87	Balance of county	1,396	396 117	Fall River	437	192
Nomehite	421	122	Nonwhite	1,261	279	Faulk	74 21.6	55 71
ClarendonWhite	767 71	217 36	PickensWhite	648 528	213 162	Gregory	252	80
Nonwhite	696	181	Norwhite	120	51	Heakon	48	15
Colleton	801	251	Richland	4,519	2,292	Hand	172	48 49
White Ronwhite	359 442	112 139	White	3,072 1,447	1,154 1,138	Henson	14	17
Darlington	1,468	358	Columbia	3,486	1,341	Harding	467	12 115
White Nonwhite	728 740	152 206	White Konwhite	2,555 931	849 492	Hutchinson	361	81
Dillon	965	209	Balance of county	1,033	951	Hvde	16 49	11 12
White Wonwhite	436 529	82 127	White	517 516	305 646	Jackson	93	46
Dorchester	664	174	Saluda	290	103	Jones	66	21
White	244	72	White:	99	51 52	Kingsbury	311 383	81 124
Monwhite Edgefielâ	420 449	102 116	Nonwhite Spertanburg	191 3,741	1,044	Laurence	504	167
White	95	51	White	2,842	687 [	Lincoln	199 28	100 16
Nonwhite	354 554	65 138	Norwhite Spartanburg	899 2,680	357 595	Lyman	21	44
White	181	49	White	2,239	392	McPherson	232	75 64
Nonwhite	373	89	Nonwhite	1,061	203 449	Marshall	292	60
Florence White	2,581 1,477	818 443	Balance of county	603	295	Mellette	22	34
Nonwhite-~	1,104	375	Wonwhite	458	154	White Konshite	- 22	19 15
FlorenceWhite	1,333	500 297	Sumter	2,057 869	495 172	Miner	91	36
Wonwhite	310	203	Wonwhite	1,168	324	Minnehaha	2,363	760 680
Balance of county	1,248	318 146	Sunter White	1,108 836	247 121	Sioux Falls	2,278 85	80
White Wonwhite	794	172	Nonwhite	272	126	Moody	156	57
Georgetown	763	206 76	Balance of county	929 33	249 51	Pennington	1,123 953	322 254
White Nonwhite	21.1 552	130	White Nonwhite	896	198	Balance of county	170	68
Greenville	4,714	1,346	Union	799 493	230 136	Potter	156 155	52 39
White Nonwhite	3,850 864	979 367	White Nonwhite	306	94	Roberts	266	119
Greenville	2,525	740	Williemsburg	1,564	365	Sanborn	169	18 51
White Nonwhite	1,940 585	493 247	White Nonwhite	508 1,056	130 235	White	2	2
Balance of county	2,189	606	York	1,884	497	Norwhite	167 174	49 107
White	1,910 279	486 120	White Nonwhite	1,165 719	277	Stanley	- 1	12
Greenwood	1,097	363	Rock Hill	531	130	Sully	9	12 39
White	740	215 148	White Nomwhite	411 120	79 51	Todd White	102	4
Nonwhite Greenwood	357 799	233	Balance of county	1,353	367	Nonwhite	102	35 62
White	612	140 93	White	754	198 169	Tripp	106	80
Nonwhite Balance of county	187 298	130	Konwhite	599	103	Union	1.7	55
White	128	75	COUTH DAKOTA	16,344	5,711	Walworth	549	68 2
Nonwhite	170 412	55 172	White	15,693	5,469	White	ì	-
White	70	59	Nonwhite	661	242	Nonwhite	3	2
Norwhite	342	113 383	4		_	Washington White	3	1 -
HorryWhite	1,711	244	ArmstrongWhite	] -	-	Nonwhite	3	1
Nonwhite	517	139	Nonwhite	44	30	Yankton	717 50	312 14
Jasper	339 165	114 31	Beadle	693	23.0	White	36	6
Nonwhite	174	83	Huron	689	191 19	Nonwhite	14	8
KershavWhite	868 361	285 122	Balance of county Bennett	25	10	TEHNESSEE	84,153	29,774
Nonwhite	507	163	White	22	6	White	69,483	22,951
Lancaster	1,056	205	Nonwhite	191	58	Nonwhite	14,670	6,823
White Nonwhite	274	82	Brookings	481	141	A-4	1,505	267
Laurens	804	316	BrownAberdeen	1,149	338 302	Anderson	565	211
White Nonwhite	420 364	188 128	Balance of county	3	36	White	490	170 41
Lee	623	161	Brule	113		Nonwhite	75 190	82
White Nonwhite-	90 543	54 107	Buffalo	4	1	Bledsoe	277	75
Lexington	732	259	Norwhite			Blount	1,369 958	345 264
White	418	166 93	ButteCampbell	226		Cleveland	775	152
Norwhite	314	96	Charles Mix	290	108	White		137 15
White	- 86	30	White	234 56		Nonwhite	1	
Nonwhite-	- 231	66	Nonwhite	. 56		i, seemed or common		

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

Common	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	ANEA AND RACE	Births	Deaths
Common	TENNESSEEContinued			TENNESSER—Continued	<u> </u>		TRYAS	196,347	64,077
Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Cont	Comple 11	, ,,,,	750	Modifien			This to -		53,341
Cornel	Cannon			McNairy					10,736
Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Control   Cont	Carroll	550	203	Macon	248	107	II		
Control					1,615				315 202
Content	Carter				605				113
Calcium					1,228				215
Second									143 72
Care   1979	Nonwhite	39	17	Balance of county	387	182	Balance of county	174	100
Color									59
Conference	Cocke			Marton					41 25
Martin	Coffee			Marshall	461	175	Angelina	934	258
Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   Second   S									196 62
Direction									30
Section							Archer		31
Martilla		8,022 6,430	3,557 2,548				Armstrong		10 148
Balance of county   Scientific   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465   1,465	Nonwhite		1,009				Austin		150
Balance of county   November   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100									. 115
December   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.40   1.4									· 35
Description   Second   1-50	Balance of county	850	1,001		144		Bandera	42	36
December				Meigs					214
Description   1982   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985   1985	Decatur			Montgomery			Nonwhite		139 75
December   Process		94	89	White	772	219	Baylor	146	47
Second color									216 650
Speechung									549
Mailance of country   Secondaria	Nonwhite	97	59	Nonwhite	99	51	Nonwhite	142	101
Relation of southy									437 359
Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part	Norwhite								78
Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Parenth   Pare									213
No.   Section				Chion					4,739 4,215
Pentruman	Norwhite	649	165			198	White	13,483	5,877
White-    62				Nonvhite				786 (	338
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect				Perry			Blanco		523 27
Milton   1,035   10.0   Evans   524   166   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   137   White   130   2   130   White   130   2   130   White   130   2   130   White   130   White   130   White   130	Nonwhite			Pickettenannannannannannannannannannannannannan	82	27	Borden	-	-
Color				Polk					122 433
White	Monwhite			Rhea				710	272
Tomatico					1,247				161
Carelage									255 164
Sociation	Grainger	219	98						91
Banklan	Greene								178
Bank	Hamblen								1.08 70
Chartenoogs		6,180	2,302	Scott	631	125	Brazoria	1,028	239 -
Chattenongs				Sequatchie					1.63
White				Shelby					56 266
Balance of county	White	4,435	1,325	White	B,071	2,960	White	904	153
Bancock							**		113 193
	Hancock								117
Roughtine				Nonwhite	4,449	1,821	Nonvihite		76
Royth					1,159				7 <b>3</b> 36
Maite	Hordin								37
White	T 1							244	73
Renderson							Brooks	3%4	20 81
Belance of county	Nonwhite	586	1.60	Bristol <sup>6</sup>	91	88	Brown	761	260'
White-				Kingsport			Brownwood	743	204
							Burlesch		56 117
Rumphreys	Nonwhite	81	44	White	528	223	White	94	70
Numbers   State   St									47 85
Selection	Humphreys								200
Solution	Jackson		80	Nonwhite	345	101	White	499	163
Nonwhite									37 <b>4</b> 6
White	Knox	5,992	2,209				Callahan	117	66
Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-color   Non-		5,481	1,881	,Unicoi	420	116	Cameron	4,951	1,171
White			328	Van Buren			Brownsville		. 361. 267
Nonwhite-	White	4,922	1,291	Warren	695	173	Balance of county	2,453	543
Lake			268	Washington	1,638	649	Camp	320	81
White									. 57 24
Nonwhite-  97   22   Balance of county-  252   162   Cass	White	261	50				Carson		28
White		97		Balance of county	252	182	Cass	664	219
Nonwhite-   252   87				Weakley					126 93
Lavis   Solution   S	Nonwhite		87	White				75	93 16
Lincoln		804		Williamson	554	200			37
White 601 230 Wilson									25 12
Nonwhite 122 60 White 750 262 White 676 3	White		230					881	586
		122	60	White	750	262	White	676	380 206

<sup>&</sup>lt;sup>6</sup>Includes data for Bristol, Tenn., only.

Includes data for Texarkana, Tex., only

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

AREA AND RACE	Birtho	Donths	AREA AND RACE	Birthe	Douths	AREA AND RACE	Births	Deaths
			TEXAS—Continued			TRYAS—Continued		
TEXAS—Continued								
Childress	220 33	87 45	Gray-Continued Balance of county	24	20	Jefferson—Continued Beaumont	2,677	889
Cochran	141	36	Graveon	1,648	720	White	2,018	573
Coke	50	15	Denison	669	257	Nonwhite	859	316
Collin	331 766	133 495	White Womshite	602 67	169 68	Port Arthur	2,213	41.5 309
Collingsworth	229	68	Sherman	797	309	Nonwhite	419	106
Colorado	327	165	White	747	280	Balance of county	220	182
White Wonwhite	234 93	103 62	Nomwhite Balance of county	50 182	29 154	White Norwhite	114 106	140
Comal	453	151	Gregg	1,760	467	Jim Hogg	125	33
Comanche	126	105	White	1,303	330	Jim Wells	900	206
Concho	53	16	Norwhite	457	137	Johnson	678 591	281 162
Coryell	558 265	202 123	Longview	1,025	221 154	Balance of county	87	119
Cottle	158	64	- Nonwhite	345	67	Jones	413	171
Crane	87	23	Balance of county	135	246	Karnes	472	134 499
Crosby	50 271	12 75	White Norwhite	623 112	176	Kaufman	713 483	392
Culberson	37	10	Grimes	402	168	Nonwhite	230	107
Dallem	7	28	White	217	83	Terrell	397	334
Dallas	14,292	4,645	Nomshite	185 636	85 262	White Norwhite	294 103	261 73
White Nonwhite	12,104 2,188	3,820 825	Guedalupe	531	205	Balance of county	316	165
Dallas	13,876	3,911	Nonwhite	105	57	White	1.89	131
White	11,815	3,191	Hale	659	218	Nonwhite	127	34
Wonwhite	2,061	720 61	Hemilton	192	94 106	Kenedy	<b>4</b> 2	49
Highland ParkWhite	_	56	Haneford	29	106	Kent	23	11
Normhite		5	Hardeman	283	94	Kerr	268	289
University Park		70	Herdin	413	147	King	58	20
Balance of county	41.6 289	603 505	White Nonwhite	338 75	109 38	Kinney	38	5 15
Nonwhite	127	98	Harris	19,175	6,039	Kleberg	676	145
Dayson	710	176	White	15,455	4,482	Knox	318	7B
Deaf Smith	264	55	Nombite	4,020 17,450	1,557 5,297	Lamar	1,296 1,043	51.7 41.7
Denton	110 769	55 329	White	13,622	3,868	Nonwhite	253	100
Denton	537	191	Nomwhite	3,828	1,429	Paris	966	380
White	497	169	Balance of county	2,025	742	White	812	311
Nonwhite	40 232	22 138	White Nomehite	1,633 192	614 126	Nonwhite Balance of county	154 330	69 137
Belance of county	521	265	Harrison	1,184	434	White	231	1.06
White	461	212	White	444	182	Nonwhite	99	31
Norwhite	60	53	Nonwhite	740	252	Lemb	739 236	1.60 96
Dickens	104 298	51 76	Marehall White	716 425	280 143	Lampasas	236	64
Donley	50	28	Nonwhite	291	137	Lavaca	659	252
Duval	467	99	Balance of county	468	154	White	597	218
Eastland	805	291	White	19	739 115	Nonwhite	62	34 68
EctorEdwards	1,008 41	136 21	Wonwhite	449 221	50	White	37	45
E1118	914	414	Haskell	236	85	Nonwhite	40	23
White	699	296	Hays	431	145	Leon	158	114
Nonwhite	215 6,821	118 1,691	Hemphill Henderson	72 488	19 181	White Nonwhite	53 105	66 48
El Paso	5,066	1,382	White	356	135	Liberty	852	229
Balance of county	1,755	309	Nonwhite	132	46	White	667	174
Brath	381	149 358	Hidalgo	6,779	1,814 269	Norwhite	185 479	55 257
FallsWhite	649 442	225	Balance of county	1,108 5,671	1,545	White	285	170
Nonwhite	207	133	H111	499	274	Norwhite	194	87
Fannin	622	31.7	White	377	225	Lipseconb	53	25
White	558	257 60	Nonwhite-	122	49 90	Live Oak	203 104	72 47
Nomwhite Fayotte	64 410	251	Hood	428 66	90 40	Loving	104	**
White	296	195	Hopkins	498	195	Lubbock	2,963	653
Nonwhite	114	56	White	422	177	Lubbock	2,514	536
Figher	278	70 63	Norwhite	76 547	18 194	Balance of county	449 177	117 51
Foard	169 77	63 33	White	313	115	McCulloch	403	139
Fort Bend	624	270	Norwhite	234	79	McLennan	2,980	1,177
White	467	170	Howard	697	245	White	2,333	91.7
Nummhite	157 73	100	Big Spring Balance of county	693	194 51	Waco	547 2,667	260 819
Freestone	298	48 138	Hudspeth	152	17	White	2,179	643
White	138	72	Hunt	1,028	393	Nonwhite	488	176
Nonwhite	160	66	White Nonwhite	858	323 70	Balance of county	315 154	358 274
Frio	400 266	101 71	Greenville	170 723	199	Nonwhite	159	84
Galveston	2,972	1,256	White	591	151	McMullen	18	6
White	2,291	935	Wonwhite	132	49	Madison	137	84
Nonwhite	681	321	Balance of county	305 267	194 172	White Nomwhite	74 63	53 31.
Galveston	2,386 1,711	1,085 781	Wnite	36	22	Marion	240	84
Norwhite	675	504	Hutchinson	944	125	White	77	35
Belance of county	586	171	Borger	798	101	Nomwhite	163	49 31
White Womwhite	580	154 17	Balance of county	146 17	24	Martin	154 30	33
Gerze	6 97	27	Jack	124	67	Matagorda	630	1.62
Gillespie	352	122	Jackson	202	73	White	491	136
	-	6 51	White Womwhite	158	63	Nomwhite	139 408	46 126
Glasscock			NOMED TO A	44	10			133
Glasscock	110			593	190	Medina	497	1.3.1
Glasscock	110 89 21	42 9	JasperWhite	593 418	190 122	Menard	76	24
Glasscek	69 21 488	42 9 231	Jasper	418 175	122 68	Menard	76 528	24 129
Glasscock White	69 21 468 590	42 9 231 179	Jasper	418 175 46	122 68 11	Menard	76	24
Glasscek	69 21 488	42 9 231	Jasper	418 175	122 68	Menard	76 528 512	24 129 227 162 65

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

## 1995				<u> </u>	<del></del>	T	<u> </u>	<del> </del>	
Marie	AREA AND BACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Dirths	Deaths
Marting	TEXAS—Continued			TEXAS—Continued			· UTAH	20,969	5,193
Section	Mitchell	348	119						
March	Montague	329							
Section	White							361	154
Second	Nonwhite		60				Benver		
Months	Moore			Stephens			Cache		
Marting	White	67	47	Sterling	15	15	Logan	1,127	152
The company				Stonewall			Carbon		
Marketo	Nacogdoches			Swisher	147		Daggett	-	_
Reaction	White						Davis		
March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   March   Marc							Pasyvanasanasanasanasanasanasanasanasanasana	7	
Delation of County   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00	White	668	273	Fort Worth	8,269	2,498	Garfield		32
Marie   Second   Se	•••				7,290		Tron		
Second   155   156   157   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   158   1		596	177				Juab	15	40
Button				Taylor	1,596		Millerd		
Brother	Helence of county						Morgan	-	1.0
Second	Nonwhite			Terrell			Piute	9 :	
Summaries   1.04   32   32   33   34   35   35   34   35   35   34   35   34   35   34   34				Terry			Salt Lake	8,586	2,328
Section	Nonwhite	104	37	Throckmorton			Salt Lake City		
Second	Nolan			White	257	101			
Second Content   1,100	Balance of county						White		13
Delance of county	Hueces			San Angelo				326	
Collings	Relance of county						Seuler	550	97
December   1,274	Ochiltres		60		3,928		Simmit		
This	Oldham	1.274		Non-hite	605	332	Uintah		
Fig.   Fig.   Flow		1,117							
Part	Nonwhite	157					Utah		
Park	Panola						Provo	1,337	258
Permit	White	49					Balance of county		
Percol	Nonwhite			Trinity	123		Weshington		
Pock	Parmer	52	20				Wevne	1	
Potter	Pecos			Tyler	209	64	Ogden	3,000	
Peter   Second   Se				Manufidea			Balance of county		
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	Nombite-			Upshur					
Real Number   1	Potter			White			VERMONT	9,006	4,045
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	Amerillo (total)	2,361	\$96	Nonyhite			White	9,005	4.041
Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack   Pack	Balance of county			UAlde	492	140		ĺĺ	4
Rendell-  Cyset	. Paing			Val. Verde			8dd1 con	375	140
Regimen of County	Randall	168		Balance of county	5	9	Bennington	538.	289
Regent	Balance of county	169	_	Van Zandt			Chittondan		
Mail	Reseau						Burlington	1,647	429
Market	Red River						Balance of county		
Refrugio   1555   99	White						Franklin		
Refugio							Grand Isle		
White-	Refugio	276	74	Balance of county			Orange		
Robertson				Nonwhite	17	10	Orleans	661	
Robertson	Roberts	-		Walker			Rutland		
Rockwall	Robertson			. Norwhite	163	72	Balance of county		275
Rockwall									
Ward	Rockwall			Nonwhite			Balance of county	516	370-
Number   State   Sta				Ward	518	96	Windham		
White	Runnels	341	130	WasningtonWhite			WILLIAM TO THE STREET	074	<i>ع</i> حد
Sabine				Monwhite	196	87	VIRGINIA <sup>8</sup>	79,260	28,907
Sabina		285	103						
San Augustine	Sabine			Balance of county	34	26			
San Augustine							1000012	,	-
Milton   St   Monthite   St   Monthite   St   Milton   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   Milton   St   M	San Augustine				226				
San Jacinto				Vheeler	271	85			
Mitte-			48	Wichits	2,112				
San Patricio	White			Halance of county	105	287			
San Saba		1,183		Wilbarger			Alleghany	456	358
Schitcher	San Saba	244		Williamson	946	372			
Scheckel/ord	Schleicher			White	737	304		121	42
Shelby	Sheckelford	19	29				Amherst		196
Normanite	Shelby			Winkler	257	39			
Shorman				Wise			Appomentation	100	70
Smith	Sherman	14	-		325	137	Wormhitee.		
Nomehite				Norminite		29	Arlington9		
Tyler		619	192	Yorkum			Augusta	566	342
Nowhite-   1   2   2   2   2   2   2   2   2   2	Tyler	1,430	229	Zanata					
	. White Nonwhite		112	Zavala-,					

<sup>&</sup>lt;sup>8</sup>Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of this State. 
<sup>9</sup>Classified as urban under a special rule in the 1940 census.

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Death
VIRGINIA <sup>6</sup> -Continued			VIRGINIA8Continued			VIRGINIA <sup>8</sup> Continued		
Bedford	488	297	James City	88	38	Russell	716	) <u>1</u>
White	345	219	White	5	14	Scott	- 223	1.
Nonwhite	1.43	78	Nonyhite	83	24	Shenandoah	435	2
Botetourt	86 157	24 116	King and Queen	93 16	46 36	Smyth	911 757	3 2
White	132	98	Nomwhite	77	30	White	203	";
Nonwhite	25	1.8	King George	63	30	Norwhite	554	1 1
krunsvickWhite	391 62	142 51	White Nonwhite	23 40	23 7	Spotsylvania	73 18	
Nonwhite	329	91	King William	99	79	Norwhite	55	
tychanen	1,149	218	White	17	37	Stafford	56	
tickingham	189	1.05	Norwhite	82 151	42 77	White Norwhite	17	
White Nonwhite	46 143	57 48	White	67	40	Surry	39 1.18	
empbell	349	165	Norwhite	84	37	White	1.2	
White	212	105	Lee	920 498	284 202	Nonwhite	106 248	
eroline	137 238	60 98	White	377	151	White	14	
White	53	47	Nonwhite	121	51	Nonwhite	234	
Nonwhite	185	51	Louise	242	104	Tazevell	1,563	1
errollbarles City	410 119	122 33	White Nonwhite	127 115	58 46	Warren	433 348	1 5
White	. 9	7	Lunenburg	248	113	White	7	
Nonwhite	סבנ	26	White	83	66	Nonwhite	341	
harlotte	221	125 46	Madison	165 51	47 65	Washington	770 174	2
White Nomwhite	160	79	White	29	45	White	40	ļ.
hesterfield	175	401	Nonwhite	22	20	Nonwhite	1,800	١,
White	25	288 113	MathewsWhite	49 12	59 32	Wise	1,800	2
Vonwhite	150 38	113 62	Worwhite	37	27	Tork	70	
White	23	48	Mecklenburg	658	248	White	8	
Nonwhite	15	14	White Nonwhite	137 521	99 149	Nomwhite	62	
ulpeper	29 161	26 99	Middlesex	63	84			
Wnite	75	65	White	4	47	Independent Cities 10		
Nonwhite	86	34	Nonwhite	59	37	Alexandria	1,933	
white	129 21	58 19	Nontgomery	556 447	203 225	White	1,718	1 3
Nonyhite	108	39	White	29	60	Norwhite	215	
1ckenson	761.	131	Nonwhite	438	165	Bristal**	1,188	1 3
dinviddie	270	429 31	Nelson	1.30 49	91. 62	White Nonwhite	1,137 51	2
White Nonwhite	37 233	398	Nomibite-	81	29	Buena Vieta	49	ŀ
Slizabeth City	601.	379	New Kent	53-	33.	Charlottesville	455	1
White	461	223	White Nonwhite	3 50	21 10	White Nonwhite	440 35	1
Norwhite	140 96	156 58	Norfolk	2,193	435	Clifton Forge	409	1
White	17	25	White	1,692	311	White	365	] ]
Norwhite	79	43	Northernton	501 682	124 285	Nonwhite	1,819	5
JairfaxVnite	51.3 449	308 249	Northampton	353	144	White	1,460	, ;
Norwhite	64	59	Nomwhite	329	141.	Nonwhite	359	1
auguler	567	208	Northumberland	155	106 53	Fredericksburg	792 666	1
White Nonwhite	410 157	149 59	White Nonwhite	49 106	53 53	Nonwhite	126	
?loyd	120	65	Nottoway	209	199	Hampton	779	] 1
luvanna	93	58	White	47	66	White	547 232	
White Norwhite	24 69	38 20	Nonwhite	162 151	.33 96	Nonwhite	1,169	2
ranklin	491	173	White	100	63	Hopewell	279	
White	396	139	Nonwhite	51	33	White	262	
Norwhite	95	34	Page	31.6 44.6	124 95	Nonwhite Lynchburg	2,284	6
Frederick	27 494	93 136	Pitteylvania	859	358	White	1.,755	4
lloucester	94	93	White	229	207	Nonwhite	529 831	1
White	31	55	Nonwhite	630 75	151	Martinsville White	618	1
Norwhite	63 141	38 87	White	13	21	Nonwhite	213	
White	39	38	Nonwhite	62	24	Newport News	2,826	5
Nonwhite	105	49	Prince Edward	705	189	White	2,057 769	2
rayson	453	168	White Nonwhite	440 265	94 95	Norfolk	6,030	2,0
White	27 17	29 19	Prince George	439	77	White	4,319	1,1
Norwhite	10	10	White	276	35	Nonwhite	1,711	8
reensville	391	111	Nonwhite	163	42	Petersburg	1,126 746	4
White Norwhite	39 352	<b>38</b> 73	Prince William	487 444	122 97	Nonwhite	380	1 2
alifax	1,077	73 342	Nonyhite	43	25	Portsmouth	2,383	1
White	515	161	Princess Anne	391	358	White	1,518	
Nonwhite	562	181	White Nonwhite	108	178 180	Redford	865 738	1
enover White	233 62	174 111	Pulaski	702	208	Richmond	8,566	3,:
Norwhite	171	63	Rappaharmock	65	45	White	6,164	2,0
Henrico	110	198	White	56	30	Norwhite	2,402 3,473	1,0
White	44 cc	162	Richmond	9	15 55	RoanokeWhite	3,011	1
Honwhite	66 453	36 127	White	58	31	Nonwhite	462	
White	247	75	Nozwhite	43	24	South Norfolk	58	
Nonwhite	206	52	Roanoke	123	376	White	1.8 4.0	j
fighland	62 266	30 120	Rockbridge	607 550	215 176	Steunton	760	4
White	266 27	120 58	Nonwhite	57	39	White	711	4
			Rockingham	164		Nonwhite	49	

<sup>&</sup>lt;sup>8</sup>gee footnote on p. 51.

<sup>10</sup>Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roanoke, Staunton, Suffolk, and Winchester.

<sup>11</sup>Includes data for Bristol, Va., only.

# GENERAL TABLES-BIRTHS AND DEATHS

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 - Continued

AREA AND BACE	Births	Deaths	area and race	Births	Deaths	AREA AND RACE	Births	Deaths
VIRGINIA <sup>8</sup> —Continued		ì	West Virginia—Cor.			Wisconsin	80,925	32,703
Independent Cities 10_Con.		1	Brooke	31	121	White	79,688	32,294
Suffolk	570	265	Runtington (part)	3,467 3,139	1,331	Norwhite-	1,037	409
White	373	116 149	Buntington (total)	3,141	1,359	Adams	105	68
Williamsburg	197 230	224	Balance of county	328	131	Ashland	682	308
White	146	21.6	Clay	213 304	66 84	Ashland	657 25	247 61
Nonwhite	84 1,211	8 310	Doddridge	127	57	White	22	57
WINCHSTOR		¥2-	FayetteWhite	2,314 2,013	623 500	Nonwhite	936	4 402
Washington	57,004	22,294	Nonwhite	301	123	Bayfield	64	90
White	55,154	21,651	Gilmer	135 300	51 51	Green Bay	3,281 3,242	999 716
Nonwhite	1,850	643	Greenbrier	968	290	Balance of county	39	183
Adams	116	48	Hancock	171	92	Burnett-	178	137
Asotin	150	93   180	Hardy	212	149 71	Calumet	189 28	92 112
Chelan	1,313	364	Harrison	2,217	770	Chippeya	1,371	412
Wenatchee	1,090	195 169	Balance of county	1,805	451 319	Chippewa Falls	- 922 449	200
Belance of county	648	254	Jackson	282	126	Clark	311	210
Clark	2,168	717	Jefferson	276	158	Crawford	885	432
Vancouver	1,931 257	488 229	White Nonwhite	229 47	132 26	Denga	461	165 1,729
Columbia	104	65	Kenauha	7,120	1.785	Madison	3,978	1,203
Cowlitz	1,639	393 252	Charleston	4,918 4,717	1,014	Belance of county	332 1,128	526 478
Longview	1,609	141	Nonwhite	201	109	Beaver Dam	933	208
Tour Tare	5	38	South Charleston	938	184	Watertown (part)	] [	27
FerryWhite	49 46	36 30	Belance of county	1,264 477	587 458	Balance of county	195   475	243 194
Nonwhite	3	6	Iducoln	464	140	Douglas	1,069	574
Franklin	725 44	117 31	Logan White	2,531 2,518	585 508	Superior	1,063	465 109
Grant	264	101	Normhite	213	77	Dmm	431	196
Grava Harbor	1,344	652	McDowell	2,992	797	Eau Claire	1,801	564
Aberdeen	1,200	399 77	White	2,386	536 261	Balance of county	1,792	477 87
Balance of county	142	176	Marion	1,737	629	Florence	5	26
Islandbracker	278 256	76 83	Fairmont	1,366	562 267	Fond du LacFond du Lac	2,002   1,701	763 502
Jefferson	17,472	6,897	Marshall	565	540	Balance of county	301	. 261
Seattle	14,924	5,586	Moundsville	13 552	120 220	Forest	247 971	85 442
White Nonwhite	14,064 860	5,371 215	Balance of county	468	221	Green	712	330
Balance of county	2,548	1,411	Mercer	2,544	717	Green Lake	326	160
Kitsap	1,969	558 369	White Nonwhite	2,341	610 107	Iron	626 20	240 52
Balance of county	36	189	Bluefield <sup>12</sup>	1,375	396	Jeckson	362	154
K4+k4+ng	562 224	204. 89	White Nonwhite	1,257	320 76	Jefferson	1,126 766	494 189
Rickitat	1,004	509	Balance of county	1,169	321	Watertown (total)	766	216
Tancol Transport Control of the Cont	90	60	Mingo	579	239 .	Belance of county	360	305 172
Magon	333 690	114 226	Monongalia	1,805 1,564	408 508	Kenocha	358 1,523	591
Do at 64 a	311	184	Morgantown	612	219	Kenosha	1,517	481
Pend Orcillo	6,172	2,831.	Balance of county	952 186	289 136	Relence of county	366	110 131
Tacoma	4,705	1,846	Morgan	184	67	La Crosse	2,296	802
Palance of county	1,466	985 19	WicholasOhio	837 2,818	200	Belance of county	2,277	678 124
San Juan	17 964	584	Wheeling	2,807	984	Lafayette	54	131
Shamoni sananananananananananananananananananan	z	45	Belance of county	11.	81 68	Lincoln	693 651	206 246
Snohomish Everett	2,280 1,767	1,009 559	Pleasants	177	43	Manitowoc	1,443	564
Balance of county	• 51.3	530	Pocehontes	275	167	Manitowoc	1,033	337
Spokens	5,879	2,518 1,967	Daylynna	478 285	261 124	Two Rivers	392 18	80 347
Balance of county	5,840 39	551	Raleigh	2,771.	799	Marathon	1,762	613
81676M8	47.0	209	White	2,411 360	662 137	Balance of county	1,623	. 407
Thurston		341 240	Beckley	1,182	299	Marinette	159 681	206 393
Ralance of county	) 54	101	White	1,064	328	Marinette	627	253
Vahkiakum	1	24	Balance of county	1,589	71 400	Balance of county	54 14	140 81
Walla Walla	1,174	436 369	White	1,347	334	Milwaukee	20,034	8,155
Balance of county	i I	67	Homubite	242	56	Milwoukee	19,001	. 5,766
Vhetcom	1,597	704 443	Randolph	923 225	266 115	Wauwatosa	217	160 131
Bellingham Belance of county	.  85	261	Roana	449	209	Cudahy	4	4.3
Whitman	646		Summers	508 440	1,53 204	ShorewoodSouth Milvaukee	334	57 58
YakimaYakima	3,670	1,012	Tucker	212	124	Balance of county	468	1,940
Balance of county	2,432 1,238	521	Tyler	161	104	Monroe	663	291.
WEST VIRGINIA	52,934	17,751	Wenne	637	194 327 159	Occute	526 587	214 233
White		16,266		613	159 168	Outagamie	2,556	701
Nonwhite	1 1		Webster	249	93	AppletonBalance of county	2,042 514	400 301
Barbour	483		Wetzel	570 43	197 47	Ozaukes Pepin	482 150	220
Berkeley	800	468 262	Wood	2,203	801.	Pierre	448	67 187
Balance of county	21	206	Parkersburg	2,103	508 193	Polk	751	263
Braxton	. 880 638		Balance of county	897	142	Portage Stevens Point	858 821	328 232
		207	11 ~4 - <del></del> D					,

<sup>&</sup>lt;sup>8</sup>See footnote on p. 51. <sup>10</sup>See footnote on p. 52. <sup>12</sup>Includes data for Elucfield, W. Va., only.

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

ARRA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
WISCONSIN-Continued			WISCONSINContinued			WIOMING—Continued		
Portage—Continued			Washburn	268	76	Crook	35	28
Balance of county	37	96	Washington	837	297	Fremont	477	201
Price	379	122	Vaukeeba	1,331	702	White	344	144
Racine	2.624	1.001	Wankesha	1,142	268	Nonwhite	153	57
Racine	2,201	683	Balance of county	189	434	Goshen	294	92
Balance of county	423	318	Waupaca	658	375	Hot Springs	173	64
Richland	664	192	Waushars	123	123	Johnson	109	34
Book	2,116	910	Winnebago	2,124	381.	Lorenic	1.224	308
Beloit	1,088	338	Oshkosh	1,300	513	Chevenne	965	228
Janesville	785	301	Menasha	1	62	Balance of county	259	eo eo
Balance of county	243	271	Neenah	806	1.45	Lincoln	305	70
Rusk	499	137	Balance of county	17	261	Natrona	851	289
St. Croix	415	242	Wood	1,876	473	Casper	848	256
Sauk	965	393	Marshfield	994	225	Balance of county	3	33
Sawyer	171	96	Wisconsin Rapids	837	141	Niobrara	119	52
White	71	78	Balance of county	45	107	Park	506	105
Nonwhite	100	18	T			Platte	180	72
Shavano	689	295	WYOMING	7,286	2,393	Sheridan	523	233
Sheboygan	2.028	830				Sheridan	521	173
Sheboygan	1,772	558	White	7,072	2,296	Balance of county	2	58
Balance of county	256	272	Monwhite	214	97	Sublette	3	وَ ا
Taylor	373	139	Albany	520	123	Sweetvater	605	172
Trempealeau	424	200	Interior	519	105	Teton	94	23
Vernan	607	226	Balance of county	";	18	Uinta	97	90
V11ee	74	67	Big Horn	338	96	Washakie	196	39
White	68	64	Campbell	163	39	Weston	39	29
Northite	6	"*	Garbon	306	456	Yellowstone Mational Park (part)	J 3	13
Welworth	658	449	Converse	126	59	Yellowstone Mational Park (total)-	1 2	13

NOTE.—Certain cities listed in this table are located in more than one county. In these cases, figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amerillo, Tex., are shown under Petter County; Atlanta, Ca., under Pulton County; Bethlabem, Pa., under Northaspton County; Centralis, Ill., under Marion County; Eigin, Ill., under Kene County; Ellwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W.Va., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, E. C., under Mach County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone National Park are shown under Wyoning.

TABLE 2.-LIVE BIRTHS BY MONTH: UNITED STATES AND EACH STATE, 1948
(By place of occurrence)

ARRA	Total births	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
UNITED STATES	3,535,068	295,494	285,694	300,463	277,636	272,277	267,712	308,010	320,968	312,511	307,720	290,552	296,031
Alabama	84,684	7,476	7,270	7,126	6,593	6,269	. 6,212	7,330	7,650	7,480	7,150	6,847	7,283
Arizona	19,816	1,645	1,535	1,629	1,538	1,440	1,463	1,667	1,868	1,742	1,738	1,716	1,837
Arkenses	4B,336	4,302	4,097	3,928	3,607	3,216	3,456	4,370	4,685	4,283	4,245	4,040	3,90
California	240,777	19,471	18,217	20,032	19,129	20,130	19,778	20,806	21,436	20,720	20,574	19,888	20,596
Colorado	33,568	2,706	2.585	2,856	2,676	2,790	2,756	3.032	3.010	2,900	2,794	2,674	2,78
Connecticut	41,199	3,318	3,316	3,629	3,388	3,513	3,225	3,511	3,611	3,464	3,575	3,315	3,33
Delaware	7,413	633	578	672	618	561.	590	.≠ 633	614	624	656	573	66:
District of Columbia	27,479	2,215	2,219	2,233	2,105	2,121	2,105	2,319	2,561	2,540	2,500	2,260	2,30
Florida	60,758	5,378	4,843	4,812	4,503	4.334	4,052	5,038	5,729	5,735	5,621	5,360	5,55
Converto	92,533	8,081	7,817	7,716	7,210	7,238	6,877	7,827	8,376	8,326	7,883	7,575	7,80
Idaho	15,636	1,300	1,241	1,275	1,243	1,388	1,287	1,320	1,430	1,307	1,294	1,236	1,315
IdahoIllinois	181,234	15,102	14,826	15,617	14,186	12,614	12,915	15,851	16,842	16,382	16,118	15,361	15,220
Indiana	92,944	7,688	7,507	7,766	7,262	6,527	6,634	8,103	8,710	8,383	8,445	7,984	7,935
IndianaIowa	61,513	5,159	5,140	5,314	4,776	4,285	4,542	5,375	5,778	5,346	5,515	5,061	5,225
Kansas	41,867	3,490	3,419	3,438	3,040	2,824	3,107	3,783	3,918	3,793	3,831	3,647	3,57
Kentucky	77,192	6,532	6,471	6,797	6,291	5,757	5,668	6,703	7,044	6,772	6,655	6,093	6,409
Louisiana	73,039	6,639	5,964	5,560	4,877	4,854	4,699	6,537	7,124	7,147	6,937	6,310	6,59)
Maine	21,698	1,804	1,718	1,874	1,786	1,779	1,710	1,860	2,047	1,840	1,876	1,693	1,71
Maryland	51,253	4,432	4,273	4,275	4,063	4,057	3,750	4,493	4,543	4,456	4,524	4,170	4,217
Massachusetts	197,966	7,991	7,935	8,874	6,075	8,083	7,838	8,537	8,413	8,478	7,953	7,790	8,019
Michigen	154,160	12,453	12,429	13,116	12,696	12,135	11,721	13,504	13,904	13,481	13,461	12,486	12,774
Minnesota	72,665	5,876	5,859	6,502	6,194	5,621	5,701	6,460	6,412	6,168	6,012	5,919	5,943
Mississippi	65,723	6,119	5,683	5,619	5,065	4,706	4,782	5,687	5,958	5,844	5,514	5,254	5,492
Missouri	86,983	7,498	7,214	7,261	6,365	5,805	5,955	7,825	8,305	8,024	7,831	7,548	7,354
Montana	. 14,795	1,174	1,124	1,252	1,214	1,32B	1,210	1,277	1,368	1,261	1,224	1,137	1,226
Nebraska	31,079	2,581	2,640	2,624	2,280	2,200	2,383	2,865	2,871	2,664	2,805	2,505	2,661
Nevada	3,752	306	266	327	321	281	330	334	338	321	304	304	320
New Hompshire	12,763	1,024	967	1,166	1,029	1,028	1,006	1,165	, 1,198	1,054	1,084	1,005	1,057
New Jersey	94,714	7,635	7,584	8,287	7,549	7,620	7,420	8,058	B.348	8,243	8,419	7,834	7,717
Hew Mexico	20,632	1,723	1,606	1,782	1,658	1,755	1,643	1,831	1,781	1,823	1,700	1,654	1,676
New York	302,740	24,411	24,039	26,537	24,622	24,697	23,750	26,302	26,626	25,997	25,999	24,743	25,017
North Carolina	109,605	9,547	9,155	9,611	8,988	8,822	8,299	9.314	9,633	9,497	9,015	8,735	8,989
North Dakota	16,785	1,294	1,277	1,474	1,246	1,410	1,367	1,521	1,505	1,471	1,456	1,342	1,422
Ohio	186,111	15,316	14,955	15,781	14,863	14.178	13,959	16,183	17,079	16,693	16,344	15,317	15,443
Oklahoma	49,736	4,385	4,166	3,954	3,574	3,369	3,557	4,357	4,752	4,636	4,535	4.172	4,279
Oregon	35,180	2,825	2,749	2,961	2,874	3,019	3,019	3,021	3,011	3,059	3,006	2,794	2,842
Fennsylvania	227,366	18,564	18,467	19,800	18,160	18,066	17,563	19,809	20,039	19,778	. 19,731	16,490	18,804
Rhode Island	17,202	1,425	1,337	1,496	1,406	1,371	1,325	1,475	1,547	1,512	1,473	1,413	1,422
South Carolina	58,124	5,120	4,843	5,028	4,665	4,568	4,280	5,007	5,303	5,281	4,890	4,561	4,578
South Dakota	16,344	1,336	1,283	1,411	1,253	1,297	1,271	1,428	1,476	1,438	1,425	1,348	1,390
Tennessee	84,153	7,331	6,895	7,198	6,723	6,263	6,261	7,344	7,618	7,526	7,274	6,767	6,953
Texas	196,347	17,096	15,638	15,121	13,002	13,667	13,927	17,214	18,933	18,643	18,456	17,131	17,519
Vermont	20,969 9,006	1,651 697	1,624 710	1,818 788	1,725 790	1,898 761	1,778 729	1,896	1,829 795	1,760 786	1,664 786	1,657 724	1,669 645
	-	}								-			040
Virginia	79,260	6,629	6,434	6,634	6,345	6,445	6,062	6,98B	7,158	7,005	6,782	6,282	6,496
Washington	57,004	4,670	4,429	4,980	4,687	5,033	4,798	4,949	4,999	4,641	4,690	4,503	4,625
West Virginia	52,934 80,925	4,349 6,548	4,318	4,604	4,285 6,657	4,176	3,965	4,714	4,839	4,684	4,428	4,335	4,237
Wyoming	7,286	551	6,472 560	7,328 580	634	6,186 592	6,388 597	7.060 634	7,297 660	7,065 643	6,901 649	6,429 570	6,594
	, ,200	1 551		530	024	355	291	034	990	043	039	570	61.6

Excludes 2,381 births which occurred in the city of Lynn. Statistical transcripts for these births were received at the National Office of Vital Statistics after tabulations were completed.

## VITAL STATISTICS OF THE UNITED STATES

Table 8.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

### Particular   Physician   P	a
	e of tution
WATER OWNERS   43,585,065   35,055,205   385,454   186,564   1,444,337   799,995   864,582   25,205   18,208   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128   69,128	Non- resi- dent
Alabade	507 48
Articogn	593,411
Balebris	7,256
Sales	26
3196	46
Bullock-	41
Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subsect   Subs	
Amatebra	75
Casherance of county   640	163 163
Chercises—    504	-
Chocket	50
Clarks	20
Cleburge   197	32 26
Coffee	-
Consent	63
Coordington	93
Creenhaw   1,452   1,65   22.9   1,24   1,56   1,52   14   1,56   1,52   14   1,56   1,52   1,56   1,52   1,54   1,56   1,52   1,54   1,55   1,52   1,54   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55   1,55	
Cullians	106
Dellate	63
Balance of county	335
De Kall	335
Excembis	23
Ebowah	31 59
Relance of county	271
Fayotte   627   503   253   70   151   118   53   53   660   600   184   331   79   153   139   14   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600   600	271
Geneva	33
Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton   Armonton	22
Henry	-
Dother	3
Balance of county	167
Jefforon	167
Birmingham	10 2,127
Pairfield	1,630
Balance of county	100 265
Laudardele	132
Flarence	130
Levenone	130
Limestone	21
Lower   S57   6   9   539   159   158   1	29
Medison	40
Runtsville	359 157
Marengo-         767         77         85         626         307         284         23         -           Marion-         563         273         182         105         113         105         10         -           Marchell-         1,673         1,228         374         67         355         242         111         -           Mobile-         7,258         5,767         185         1,231         2,256         1,108         1,128         211           Mobile-         6,135         5,580         41         524         1,590         677         913         28           Balance of county-         1,125         227         144         707         646         431         215         185           Monros-         74         291         452         175         175         -         -           Montgomery-         5,994         2,486         94         1,399         1,431         864         577         33           Nontgomery-         2,887         1,988         51         894         1,098         559         439         1           Balance of county-         1,107         528         65 <td< td=""><td>155</td></td<>	155
Marion         563         273         182         105         113         103         10         -           Marchell         1,673         1,228         374         67         555         242         111         -           Mobile         7,258         5,787         185         1,231         2,236         1,108         1,128         211           Mohile         6,135         5,560         41         524         1,590         677         913         28           Balance of county         1,123         227         144         707         646         431         215         183           Monros         744         -         291         452         175         175         175         -         -           Montgonery         3,994         2,496         94         1,396         1,431         654         577         33           Montgonery         2,867         1,986         51         894         1,098         659         439         1           Balence of county         1,107         528         63         514         533         195         138         32	2 20
Mobile     7,258     5,767     185     1,231     2,256     1,108     1,128     211       Mobile     6,135     5,560     41     524     1,590     677     913     28       Balance of county     1,123     227     144     707     646     431     211       Monroe     744     291     452     175     175     15     -       Montgonery     3,994     2,486     94     1,399     1,431     684     577     33       Montgonery     2,887     1,988     31     884     1,098     659     439     1       Balance of county     1,107     528     63     514     533     195     138     32	-
Mohlle         6,135         5,560         41         524         1,590         677         913         28           Balance of county         1,123         227         144         707         646         431         215         183           Monroe         744         -         291         452         175         175         -         -           Montgomery         -         3,994         2,486         94         1,399         1,431         654         577         33           Montgomery         -         2,887         1,988         31         884         1,098         659         439         1           Balance of county         1,107         528         63         514         535         195         138         32	1.10 884
Montroe     744     291     452     175     175     -       Montgomery     3,994     2,486     94     1,399     1,431     654     577     33       Montgomery     2,887     1,988     31     884     1,098     659     439     1       Belance of county     1,107     528     63     514     533     195     138     32	868
Nontgonery	16
Belence of county	537
MOTORN	<b>434</b> 103
Morgan	126
Belence of county	94 32
Perry	-
1,005 449 185 366 313 233 80 -	80
Randolph	34
Phenix City 603 431 11 161 213 149 64	64 64
Beliance of county	-
Shelby 530 31 400 95 200 11 -	38
Sumter         707         115         63         520         222         188         24         -           Talladega         1,995         1,222         306         462         506         334         172         -	· 24
#allaposa	172 75

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

-	r	LIVE BI			r		Deaths	<del> </del>	
•		•	Attended by-			ļ	15	institution	
ARRA	Totall	Physician in	Physician not in	Midwife	Total.	Not in institution	Total <sup>3</sup>	Type instit	ution
		hospital <sup>2</sup>	hospital					Resi- dent	Non- resi- dent
ALABAMA—Continued						]			
Tuscaloosa	2,359 1,877	1,650 1,644	240 75	466 159	980 545	475 209	505 336	· 287	2: 2:
Balance of county	482 1,763	6 795	165 915	308 46	435 465	266 302	169	168	
ashington	374 729	50	134	189	92	92	163	-	1
Insten	531	22 428	79 91	618 10	218 131	218 82	49		
ARTZOHA	19,816	17,838	1,046	570	7,122	3,202	3,920	236	3,5
pacheochise	549 937	452 799	22 57	7 73	307	91	216		2
oconino	582	519	43	1	375 233	1.69 99	204 134		3
ile	721 384	648 312	60 50	2	232 99	· 120	112 33	68	
reenlec	421	399	18	3	82	39	43	3	
Phoenix	8,619 6,406	8,169 6,197	158 53	247 144	2,976 1,617	1,312 762	1,664 855	119	1,
Ralance of county	2,213	1,972	105	103	1,359	550	809	106	,
ohave	270 652	249 563	1 . 46	3 16	97 1.68	43 72	54 116	• -	_
ima	3,840	3,318	393	52	1,596	650	746	_	1
Tucson—Balance of county————————————————————————————————————	455 3,365	4 3,314	348 45	26 6	519	503	16	-	
inal	1,229	996	113	96	877 434	147 251	730 183	3	7
anta Cruzaaraa	268 599	177 556	47	28	90	50	40	.= }	
una	745	681	29 9	8 53	380 235	127 113	253 122	43	. z 1
ARKANSAS	48,136	28,633	,11,630	7,263	14,954	10,012	4,942	617	4,2
rkensesshley	599 604	341 223	147	. 108	115	308	.7	-	
axter	348	252	198 86	165 3	181 73	142 49	39 24	-	
enton	823 553	669	146	5	344	235	109	5	
radley	516	482 295	57 168	7 45	1.25 1.33	88 207	37 26	1	
alhounarroll	103 266	- 158	75 97	24	46	46	- li	-	
hicot	751	422	66 !	7 253	110 250	100 175	10 75	-	
lark	502 518	237	122	125	143	134	9	-	
leburne	31.5	162 241	330 63	14 7	1.63	133 52	30 32	-1	
levelandolumbia	108 672	422	69	35	41	41	-	- ]	
onway	525	307	98 127	136 89	154   170	112 116	42` 54	<u> </u>	
raigheadJonesboro	1,585	1,214	323	43	373	206	167	-1	3
Balance of county	1,126 459	1,084 130	4 319	36 7	230 143	66 140	164		3
rewfordrittenden	341	184	138	14	130	129	ĭ]	=1	
7088	1,159 776	2 351.	335 193	795 223	346 137	346 132	<u> </u>		
allas	329	106	164	48	70	70	5	:I	
CSha	517 451	165 272	67	270	140	125	35	-	
Aulkner	574	424	57 87	114 † 53	13B 151	103	35 54		
ranklinulton	269 173	196 13	69	-1	63	54	9	-	
erland	1,293	1,119	152 83	1 88	45 615	44 311	1    304	22	2
Hot Springs	1,231	1,119	55	54	552	249	303	22	ž
Balance of county	62 346	46	28 92	34 5	63 53	62   53	1	-1	
reeneempstead	812	555	254	1	224	160	64.	ı	
ot Spring	621 506	311 339	130 111	166 53	195   117	156   91	39	- į	
ovardbrave	365	264	70	24	113	88	26    25	<u> [1</u>	
ndependence	780   114	698	61	9	176	101	75	-	•
ackson	886	727	110 133	2 16	217	. 152	65		
Pine Bluff	1,913	941	311	638	630	464	166	22	3
Balence of county	1,166    747	941	116 195	108 530	386   244	224 240	162	18	3
ohnson	327	261	58	5	103	74	4 29	4	
afayette	200 540	338	88 193	109 B	73   111	72	1.	-1	
· · · · · · · · · · · · · · · · · · ·	484	320	193	290	156	88 156	23	2	
ncoin	287	63	49	166	126	104	22	6	
ttle River	. 266   . 554	96 447	73 107	85	. 56 264	53 110	13 154	-	
moke	502	50	250	182	157	155	154	<u>-</u>	1
1d1500	160   61	50	72 56	28	63	61	ž	-	
11er	1,191	900	56 98	3 185	55 337	55 198	159	- 3	1
Texarkana5	974	900	25	48	244	108	136	ا۔	3
Balance of county	217		73	137	93	90 399	3	3	
asi asi mi									
Ssissippi	2,842 031 2,011	1,352 626	1,053 152	406 51	503   166	92	. 104	-1	:

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTUS			-	DEATES		····
	1	1	Attended by-		·····			n institution	
			Accended by—						
AYEA	Total <sup>1</sup>	Physician	Physicien		Total	Not in		Type instit	
		in	not in	Midwife		institution	Total <sup>3</sup>	Port-	Non-
		hospital <sup>2</sup>	hospital					Resi- dent	resi- dent
ARKANSAS—Continued									
Montgomery	76	5	44	26	30	30	-	- 1	-
Nevada Nevton	359 74	145	123 57	82 L	103 27	92 27	11	-	11
Onachita	861	451	161	236	246	184	62	- [	62
Perry	107 1,414	450	98 261	4 679	24 465	24 376	- 89	[	89
Pike	82	1	72	9	37	37	-	-	-
PoinsettPolk	945 341	204 246	683 91	53 1	153 115	150 91	3 24	! <u>-</u>	3 23
Pone	628	437	170	15	154	113	41	-	41
PrairiePulaski	175 5,423	4,857	145 355	26 189	63 2,436	63 846	1,590	450	1,126
Little Rock	4,973	4,845	83	43	1,929	472	1,457	323	1,122
North Little RockBalance of county	105 345	1 1	61 211	40 106	153 354	153 221	133	127	4
Randolph	308	1.03	201	2	93	92 i	1		_
St. Francis	1,053 278	472 36	207 235	362 6	· 273 282	215 91	58 191	93	57 98
Scott	187	119	66	2	49	37	12		12
SearcySebastian	189 2,103	1,979	27 104	25 18	49 629	41, 285	8 344	- 8	8 334
Fort Smith	2,016	1,979	19	17	531	197	334	8	324
Balance of county	87 377	316	85 47	1 10	98 118	88 72	10 46	<u> </u>	10 46
Sharp	121	-	117	-	28	28	-	_	*
Stone	60	838	5 <b>4</b> 118	2 221	38 32 <b>4</b>	38 231	93	-	93
El Dorado	1,193 916	800	30	86	173	80	93	1 - [	93
Balance of county	277	38	88	135	151	151	-	-	-
Van Buren	153 1,289	1,197	147 68	18	54 450	54 230	220	l īl	214
White	1,030	715	298	8	285	177	108	3	105
Yell	449 218	109 95	260 122	70 -	107 67	106 64	1 3	-	3
CALIFORNIA	240,777	235,673	4,031	398	99,320	42,128	57,192	5,557	50,067
Alemeda	21,104	20,913	161	5	7,264	3,028	4,236	245	3,617
OeklandAlameda	14,037 1,256	13,930 1,238	88 15	4 -	4,685 351	1,751 210	2,934 141	165	2,673 127
Berkeley	3,684	3,663	21	-	907	442	465	2	435
Albany	647 2	645	2		87 100	49 93	38	1	38 3
Balance of county	1,478	1,437	34	1	1,134	483	651	77	541
Alpine	97	82	- 14		7 88	6 50	1 38	37	
Butte	1,663	1,640	21		728	346	382	6	356
CalaverasColuga	52 264	23 256	29 8		119 144	63 64	56 80	21	35 80
Contra Costa	4,420	4,219	190	-	1,300	724	576	12	548
RichmondBalance of county	1,889 2,531	1,757 2,462	125 65	-	358 942	212 512	146 430	12	138 410
Del Norte	205	200	4	_	86	38	4.8	- 1	48
El DoradoFresno	206 7,058	187 6,864	19 170	5	176 2,342	1,003	70 1,339	26 36	44 1,273
Fresno	5,071	5,024	44	2	1,483	406	1,077	24	1,043
Balance of county	1,987	1,840	126	3	859 102	597	262 37	12	230 36
Humboldt	205 1,579	197 1,565	8	-	738	65 267	471	31	439
Fureka	950	949	1	-	448 290	97 170	351 120	29 2	322 117
Balance of county	629 1,955	616 1,451	11 421	ST.	505	297	208		202
Brawley	733	4.88	224 52	13	96 85	54 47	42 38	i - I	42 38
Balance of county	357 865	300 663	145	2 6	324	196	128	] []	122
Inyo	246	243	1	1	103	48	55	8	31
KernBakersfield	6,480 2,168	6,265 2,160	190 3	1	1,676 337	638 134	1,038 203	7	1,015 197
Balance of county	4,312	4,105	187	1	1,339	504	835	7	818
Kings	1,441 235	1,371 233	67 1	- 1	425 161	166 92	259 69		259 66
Lagsen	519	507	12	-	130	62	68	13	55
Log Angeles	88,421 7,732	96,716 7,721	1,120	309	38,877 2,220	17,235 1,075	21,642 1,145	1,368	19,541 1,125
Los Angeles	37,540	36,559	660	195	20,933	8,840	12,093	270	11,332
AlhembraBelvedere (twp.)8	1,146 286	1,138 188	7 18	1 69	339 162	276 124	62 38	4	57 35
Beverly Hills	2	-	2	-	175	174	1	-	ı
BurbankGlendale	2,501	2,489	12 6	_	517 1,222	233 468	284 754		283 740
Huntington Park	4,635 900	4,627 896	1	Ī	173	122	51	-	47
Inglewood Pasadena	1,918	1,908	7	<u>-</u>	443 1,442	173 686	270 754	- 4	267 689
Santa Monica	2,113 4,177	2,087 4,153	<b>23</b> 5	-	942	46l	481	14	452
South Gate	911	907	3	1	201	139	62	-	61
BellCompton	451 1,062	1,051	3 9	_	106 237	58 115	48 122	7	48 111
Lynwood	2,568	2,567	ī	-	288	65	223	-	223
Maywood	983	l 882	-	1	181	II 72	109	1	109

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS				DEATHS		
			Attended by-				I.	n institution	
AREA								Туре	of
74114	Total <sup>1</sup>	Physician	Physician		Total	Not in Institution		instit	ut1on
	]	in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup>	Resi-	Non- resi-
·						ļ		dent	dent
CALIFORNIA—Continued		!							
os AngelesContinued								]	
Monrovia	148 1,247	127 1,247	21	-	180 351	121 171	59 1,80	14	55 154
Redondo Beach	13 841	1 836	11 5	-	104	69	1.5	15	-
South Pasadena	-	-	- 1	_	174 131	78 94	96 37	18	69 18
Whittier	1,287 16,060	1,285 15,599	2 313	41	271 8,086	120 3,479	151 4,607	1,013	149 3,496
(adera	1,000	986	10	7-1	341	137	204	'-	204
derin	1,773 34	1,768 31	4 1	- 1	661 60	359 52	302   8	75	177
derced	830 1,986	8 <u>1</u> 9 1,969	9		510   508	208 186	302 322	150	152 322
Merced	1,278	1,277	14		309	42	268	[ ]	268
Balence of county	708 194	69Z 193	14		199	145 37	54 53	- 1	54 53
000	7	4	3	-1	19 [	14	S	I - I	5
Monterey	3,143 293	3,073 291	66	-1	879 98	385 37	494 61	7 1	482 60
9alinas	1,112	1,108	4	-1	139	59	80		90
Balance of county	1,738 762	1,674 756	60 5		642 915	289 171	353 744	6 575	341 163
Te vada	404	394	10	-[	257	95	162 883	-1	163
Senta Ana	- 4,190 1,023	4,055 1,008	128 15	-	1,916 386	1,033 226	160	14 10	642 137
Analeim	111	103 1,020	B 6	-	127 180	89 75	38 105	3	28 102
Balance of county	2,030	1,924	99	4	1,223	643	580	1	575
PlacerPlumas	459 280	419 274	30 5	9	\$51 123	195 57	356 66	77	277 64
iverside	3,865	3,694	149	ż	1,638	784	854	20	816
Riverside	1,846 2,019	1,833 1,861	13   136		755 883	205 579	550 304	19	527 289
Sacramento	7,502	. 7,449	43	- 1	2,578	1,090	1,488	1,5	1,454
Sacremento	6,933 569	6,913 536	16 27	<u>-</u> 1	2,100 478	688 402	1,412	3 12	1,397 57
San Benito	310	291	10	2	152	79	73	24	49
Sen Bernardino	8,441 3,108	6,206 3,048	220 59	2	2,835 1,071	1,094 282	1,741	460 3	1,243 769
Ontario	2	-	2	-1	91	87	4]	1	-
RedlandsBelance of county	550 2,781	51.9 2,639	30 129	뭐	202 1,471	102 623	100 848	456	97 377
San Diego	13,456	13,280	136	10	4,435	1,850	2,565	75 7	2,442
San Diego	9,714 727	9,633 713	61 8	1	3,075 221	1,166 49	1,869	20	1,846 150
Belance of county	3,015	2,934	67	9	1,139	615	524	58	444
San Francisco, coextensive with San Francisco (city)	19,229	19,095	88	21	9,890	3,606	6,284	575	5,622
den Togonin	4,967	4,895	52	3	2,182 576	771 295	1,411	370 2	1,039 276
Stockton	2,711 598	2,699 598	7	-	143	63	80	4	80
Balance of county	1,658 965	1,598 943	45 22	-	1,463 491	413 211	1,050 260	368 21	682 243
San Luis Obispo	2,313	2,291	14	_	1,386	663.	725	312	607
Burlingame	- ll		- 3	-	71 83	67 81	4 2	4	-
Redwood City	2,204	2,201	1		563	131	432		432
Balance of county	105 2,390	90 2,361	10 24	-	669 894	. 382 337	287 557	108	1,75 543
Santa Barbara	1,361	1,349	22	1	428	165	263	=1	251
Halance of county	1,029 7,709	1,012 7,649	13 48	1	466 3,005	172 1,090	294   1,915	534	292 1,304
San Joan-	2,455	2;435	20	-	737	387	350	ĭ	302
Palo Alto	2,391	2,389	1 27	- 2	390	132	248	1	246 756
Santa Cruz	2,663 1,400	2,825 1,396	4	-	1,888 881	571 392	1,317   489	532 40	434
Santa Cruz	681	681	-1	-	391	197	194	20	168 266
Balance of county	719 631	715 790	4 36	]	490 336	195 153	295   183	20	.180
iskiyou	21		긔	-1	14]	11	3	3	-
	644 2,689	624 2,645	13 35	2	· 294	147 295	147 378	î.	145 336
Vallejo	1,844	1,829	10		290	84 211	206	i	200
onoma	2,000	916 1,996	2S 2	1	383 1,244	475	172 769	163	590
Santa Ross	563	563	-	-	191	91	100	7	60
Balance of county	1,437 3,402	1,433 3,330	· 2	3	1,053 1,132	384 442	669 690	156 90	510 579
Modesto	2,224	2,222	1	-1	542	99	443	2	436
Balance of county	1,178 303	1,108 300	69 2	1	590 173	343 95	247 78	. 88 1	143 <i>Ti</i>
Cohama	450	450	-	-1	251	93	158	-	150
Trinity	45 3,782	44 3,596	1 156	;	58 997	34 481	24 516	- 8	23 503
Frolume	320	320		7	. 170	68	102	7	102
	0.224	2,605	152	اد	1,110	350	760	335	438
Can Parameter	2,774			7)	-,			333	
San Buonaventura  Balance of county  Colo	594 2,180	2,005 589 2,016 792	- 5 147 15	1	126 984	52 298 193	74 686 217	335	74 344 217

See footnotes on p. 111. 891563 0-50-8 TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTES				DEATHS		
i			Attended by-				I	n institution	
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu	
	10441	in hospital <sup>2</sup>	not in hospital	Midwife		institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent
COLORADO	33,568	30,967	2,207	221	12,824	5,328	7,496	769	6,532
Adems	1,126	1,036	69	14	343	110	233	2	231
AlemonaArapahos	522 20	51.5	4 16	- 1	112   219	32 120	80 99	6	79 90
Archuleta	57	10	39	1	18	16	2	- 1	-
BeckBent	126 121	46 119	80	-	38 72	31 19	7 53	31	22
Boulder	1,227	1,168	56	- (	410	158	252	- 1	247
Boulder	599 628	599 569	- 58	- 1	224 186	69 89	155 ) 97	] []	154 93
Chaffee	164	180	3	1	110	39	71	4	67
CheyenneClear Creek	84 6	82	2	- 1	22 20	9 20	13	[]	10
Cone.10s	34	1	24	1	56	56	-	-	-
Costilla	116	2	61 72	47	27 19	27 19		[	
Custer	74 1	-	1		ä	8	-		-
Delta	426	294	141	-	186	130	56	5	44
Denver, coextensive with Denver	13,746	13,507	210	19	4,786	1,667	3,119	66	3,004
Dolores	· -	-	-	-	7	7	· -	<u>.</u> .	•
DouglesEagle	3 60	57	3		20 25	20 19	6	1 []	
Elbert	7 ]	4	3	-	12	12	-	l <u>-</u>	-
El Faso	1,831 1,569	1,807 1,551	17 13		625 682	298 236	527 446	11.6 51	401 387
Balance of county	262	256	4	-	143	62	81	65	14
Fremont	345 335	331 303	1.3 17	1	245 133	92 60	153 73	14	120 67
Gilpin	1	1	- [	-	7	7	-		-
Gunnison	92 142	65 137	16 4	- 1	36 <b>41</b>	20 22	16 19	-	6 19
Einsdale	- 142	137	-	- j	1	1	_	-	-
Huerfano	248	113	78	42	101	81 6	50	1	19
Jefferson	3 29	1	26	ī	6 297	194	103	9	78
Kit Carson	74	70	4		18	10	8 23	<u>-                                    </u>	8 23
Lake	211 193	191 193	19		<b>48</b> 80	25 34	46	- 1	46
La Plata	522	469	48	2	172	59	113 182	19	112 158
Fort Collins	1,005 918	956 918	44		369 225	187 60	165	12	148
Belence of county	87	38	44	- ]	144	127	17 107	7	10
Las Animes Trinidad	669 583	501 499	165 83	- [	256 198	151 91	107	[	107 107
Balance of county	86	2	82	- [	60	60	-	-	-
LincolnLogan	60 521	54 509	6		27 127	27 64	63	-	63
Mesa	984	921	56	1	379	169	210	22	164
Grand JunctionBalance of county	812 172	799 122	8 48	1 -	228 151	62 107	166 44	1 21 21	141 23
Mineral	-	-	- 1	- 1	9	9	-	-	-
Monte zuma	37 301	17 263	20 14	ī	37 77	25 35	12 42		12 26
Montrose	325	301	17	- 1	116	78	40	-	39
MorganOtero	471	454	14 94	11	183 259	75 121	108 138	26	82 138
Ouray	948 43	833 41	2		259 25	14	11	_ [	11
Park	14	13	-	ı	11	6	5 11	-	5 11
Phillips	121 26	119 26	2 -	- 1	29 21	18	10		1.0
Provers	590	563	24	-	147	70	77	- 1	72
Fueblo	2,386 1,366	2,057 1,174	244 163	59 18	1,240 941	529 249	91.1 692	426 415	485 277
Balance of county	1,020	883	81	41	299	80	319	11	208
Rio Blanco	103 547	89 461	14 81		24 162	65 50	100	i	99
Routt	323	304	18	1	79	35	44	-	44
Saguache	26 I	8	6	1.2	28 9	27 6	1 3	1 1	- 3
San Miguel	61	47	1.3	ī	21	13	8	j -	8
Sedgwick	152 1	147	5 1		35 6	17	18	[ <u> </u>	18
Teller	39	39		<u> </u>	34	17	17	2	1.5
Washington	115	112	2 313	5	34 475	16 247	18 228	17	16 205
Greelev	1,517 1,214	1,193 1,186	26	1	475 296	70	226	17	205
Balance of county	303	7	287	4	179	177	2	-	1
Yuma	217	213	4	- [	79	4.3	36	1	33
CONNECTICUT	41,199	40,697	489	2	19,419	9,137	10,282	1,343	8,635
Fairfield	9,953	9,867	64	1	4,810	2,167	2,643	362	2,237
Bridgeport	5,095 1,440	5,064 1,420	30 20	1 1	1,864 568	807	1,057 358	.90	963 353
Stamford	1,838	1,831	7		711	257	454	3	429
Danbury	966	965	1		403 97	144 56	259 31	5 5	257 29
SheltonStratford (town)	3 8	1 -	2 8		126	117	9	-	29 6
Balance of county	503	586	16	- 1	1,051	576	475	262	200

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

(By place	e of occurrence.			runs and of de	atos among armed	=:			
		LIVE BI	RTHS			1	DEATES		
	}		Attended by-				I	n institution	
AREA	Total <sup>1</sup>	Physician in	Physician not in	Midwlfe	Total	Not in institution	Total <sup>3</sup>	Type instit	
		hospital <sup>2</sup>	hospital	MIGNIIE			IONAL	Resi- dent	Non- resi- dent
CONNECTICUT—Continued									•
Hartford	11,808 8,297	11,764 8,287	38 8	-	4,904 2,239	2,262 715	2,642 1,524	169 18	2,366 1,500
Bristol	721 1,847	718 1,839	2 7		288 636	136 323	152 313	10	137 293
	-,-	3	1	-	264 134	199	65 13	15	53 8
Kest Hartford (town)	939	93.7	20	_ i	1,343	768	575	1.26	395
Litchfield	1,514 825	1,501 821	13 4	_ [	848 256	497 100	351 158	3	356 158
Delawee of country	689	680	9	- 1	590	397	193	_3	178
Middletown	1,128 1,118	1,118 1,117	10 1	Ξ [	895 645	323 103	572 542	.310 296	. 248 245
Helence of country-4	10	1	9	-	250	220	30	14	3
New Haven	12,014 5,836	757ر <u>11</u> 804ر5	254 29	1	5,367 2,232	2,630 827	2,737 1,405	157 85	2,516 1,294
Meriden	1,164	1,158	6	-	444	177	267 747	4 33	260 703
Vicaria Managara (managara)	3,541 9	3,369	172 8	-	1,170 220	425 203	17	1	14
Angonia	2 1,007	1,005	2	-	112 203	110 48	2 155	1 1	1 155
Netrostuck	1,007	- 1,000	1	-	82	81	1	-	I.
WallingfordBalance of county	- 454	420	- 34	-	105 799	86 675	19 124	19 14	88
New London	3,064	3,032	31	-	1,647	681	966	318	617
Moneyel oh	1,797 598	1,791 594	6 4	-	474 285	147 164	327 121	13 4	305 117
Tolland	669 411	547 409	21 1	-	888 324	370 189	518 135	301 5	195 127
Windher	1,307	1,249	.58		624	388	256	19	188
Willimentic	550 757	548 701	2 56		. 180 . 444	92 296	88 148	19	81 107
DELAWARE	7,413	6,701	308	. 297	3 <sub>1</sub> 466	1,768	1,678	311	1,320
Kent	695	462	83	90	573	332	241	155	81.
New Castle	5,237	5,130	43 12	49 19	2,218 1,605	1,003 611	1,215 992	147 43	1,032 920
Balance of county	5,155 82	5,123 7	31	30	615	392	223	104	112
Sussex	1,481	1,089	182	158	675	453	523	9	207
DISTRICT OF COLUMBIA	27,479	27,262	216	-	8,368	3,057	5,331	712	4,606
FLORIDA	60,758	46,884	5,120	8,572	25,881	13,828	12,053	859	10,375
Alachua	1,531	996	209	324	459	295	164	1,0	148
Gainesville	1,130 401	995 1	33 176	102 222	260 199	105 190	1.55 j	2 8	148
Baker	129	1	62	65	29	29	-	-	
Panama City	1,150 808	929 648	84 74	131 85	275 199	197 130	78 69	1 1	77 69
Balance of county	342	281	10	46	76	67	9	1	8
BradfordBrevard	368 419	227 215	16 26	125 178	105 209	67 1.33	36 76	1 8	1.5 64
BrowardFort Lauderdale	1,579 1,085	1,056 923	195 91	326 71	702 440	364 156	338 274	3	329 269
Balance of county	494	133	104	255	262	198	64	i	60
Celhoun	172 35	1 25	138	33 9	52 73	51 46	1 27	<u>-</u>	1 27
Citrus	83		36	47	43	43	-	- 1	-
Collier	97 30	1	41 4	55 19	90   30	60 I	30	29	1
Columbia	677	473	57	146	347	111	236	! <u>-</u>	236
Dade	9,013   5,836	8,107 5,249	359 252	542 332	4,078 2,363	1,831	2,247 1,295	9 7	2,003 1,170
Miami Beach	748	748	-	-	544	248	296	1 - 1	279
Balance of county	2,429 . 229	2,110 227	107	210	1,171	51.5 37	656 56	11	554 45
Dixie	108	-	86	22	21	21	-	- 1	-
Duyal	8,062 7,088	7,391 6,631	1.64 87	408 277	. 2,750 2,381	1,399 1,131	1,351 1,250	29 29	1,263 1,186
Balance of county	974	760	, 77	131	369	268	101	-1	77
Pensacola	3,425 2,309	2,928 2,068	266 137	226 102	926 587	492 285	434 302	2	341. 241.
Balance of county	1,116	860	129	124	339	207	132	1	100
FleglerFranklin	48 113	1 49	2 29	45 35	25 44	25 41	3	[ ]	-
Gadsden	958	372	46	539	679	248	431	386	43
Gilchrigt	46 32	19	18 23	7 7	25 14	24	1	[	-
Gulf	269	216	10	40	76	46	30	-	29
Herdeg	207 213	172	146 35	60 5	63 102	63 66	- 36	3	17
Hendry	114	76	5	28	43	34	.9	<u> </u>	6
Hernando	223 351	179 318	36 5	8 28	. 142	34 77	16 65	_ [	16 47
Hillsborough	5,879	5,438	80	358	2,343	1,047	1,296	9	1,229
Balance of county	4,100 1,779	3,815 1,623	20. 60	263 95	1,567 776	687 360	880 418	9	840 389
Holmes	362	193	128	39	72	72	-	- 1	-

Sec foothates on p. 111.

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	rtes				DEATHS		
			Attended by-				In	institution	
area	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu	
	10021	in hospital <sup>2</sup>	not in hospital	Midwife		institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent
FLCRIDA—Continued									
Indian River	245	155	38	52	96	63	33	-	31
Jackson	920 279	393	172 96	352 175	342 134	198 134	144	-	139
Lafayette	56	6	43	173	22	22	- 1	-	-
Lake	803	624	16	161	384	206	178	_	166
Lee	567	462	10	94	243	133	110	8	100
Fort MyersBalance of county	547 20	462	6	78 16	198 45	89	109	7 1	100
Leon	1,165	746	58	361	313	180	133	î	80
Tallahassee	273	100	19	1.54	130	95	35	-	20
Halance of county	892	646	39	207	183	85	98	1 1	6
Levy	176 33	35	72 11	67 20	112	106 26	6		
Medison	415	156	29	230	1.44	122	22	_	2:
Manatee	711	518	15	177	316	171	145	7	13:
Marion	948 150	587	71	288	411	266	143	-	1,35 35
Monroe	736	121 641	8	21. 88	96 249	53 130	33 119	6	11:
Key West	736	641	ě	88	230	112	138	6	ii:
Balance of county	-	l <del>.</del>	-	1	18	18	.=	- [	
Nessau	294 869	175 756	16 62	103 50	116 152	74 109	42	1	4:
Okeechobee	25	1	7	17	17	17	43		3-
Orange	2,505	2,010	201	293	1,132	525	607	25	56
Orlando	2,109	1,858	117	1.33	861	306	555	25	52
Balance of county	396	152	84	160	271	219	52   76	2 3	4
Palm Beach	253 2,185	196 1,851	18   96	31 237	185 1,108	109 559	549	53	7: 46:
West Palm Beach	1,410	1,339	. 3	68	659	225	454	41	38
Balance of county	775	512	93	169	449	334	115	12	8:
PascoPinellas	346	216	109	21	201	159	1,262	2	3
St. Petersburg	2,450 1,726	2,147 1,518	85 33	218 175	2,291 1,458	1,029	759	163 17	1,055
Clearwater	470	447	3	20	232	100	132		130
Balance of county	254	182	49	23	601	230	371	146	186
Polk	2,668	1,693	606	361	1,014	587	427	38	373
LakelandBelance of county	945 1.823	716 975	30 576	97 264	373 641	192	191 236	2 36	178 198
Putness	565	326	115	124	238	169	69	5	60
St. Johns	605	532	6	67	315	157	158	3	140
St. Augustine	542	532	2	9	263	107	156	3	140
Balance of county	63 547	416	4 3	59 128	52 169	50 111	2 58	-	5
Santa Rosa	246	1	210	34	94	93	ĩ		
Sarasota	475	443	26	6	295	155	140	4	13
Sarasota	464	443	15	6	248	108	140	4	13
Balance of county	11 643	418	11 17	207	47 233	47 137	96		9
Sanford	527	416	5	105	158	68	90		8
Balance of county	116	2	12	102	75	69	6	4 {	:
Summance	179 369	26 75	65	88	77	76	1	-	
Taylor	210	2	188 i 135	106 72	180 90	1,57 90	23		
Union	59	2	21	35	53	22	31	31	
Volusia	1,486	1,222	74	189	877	494	393	3	35
Daytona BeachBalance of county	681 605	803	24	54	492	238	254	.3	24.
Wakulla	92	419	50 . 8	135 83	385 35	256 35	129		10:
Walton	383	270	39	74	113	94	19		1.
Washington	179	45	56	76	61	61	-	-	-
GEORGIA	792,535	60,869	11,249	17,591	29,584	18,938	10,646	1,314	9,056
Anni ing	201	,,	100	e1	75	77			
ApplingAtkinson	281	14	189 56	61 31	29	73			
Bacon	589	276	63	37	76	63	13		13
Baker	170	-	6	111	23	23	-		
Baldwin	556	292	30	178	1,024	122	902	840	6:
Berrow	98 : 143	1	82 103	13 . 36	20 89	20	<u>-  </u>	<u> </u>	
Bartow	746	613	91	31	204	169	35	ž	3:
Ben H111	428	281	6	140	143	91	52		2:
Berrien	248	98	107	37	74	65	9	-	
Bibb	3,345	3,120	31	156	1,182	582 507	600 383	16	570 570
MaconBalance of county	3,266 79	3,117	26 5	99 57	1,090 92	75	17	1 15	5/1
Bleckley	160	2	60	98	60	60	<u>                                    </u>		
Brantley	117	-	100	16	39	39	- 1		
Brooks	634	289	25	307	196	138	60	-	59
Bulloch	96 703	- 425	48 88	26 186	37 171	37 111	- 80	-	6
Burke	703 659	423	76	186 558	171	177	1	ı []	D .
Butts	157	า้	85	57	90	90	-		
Calhoun	285	84	10	175	66	63	3	-	:
Camden	141	23	10	90	37	37	<u>  </u>	-	_
Carroll	258 966	134 625	55 235	64 91	56 254	30 195	26 59	2	20 5
	200	023		_ o				٠	
Catoosa	240	21.8	18	4 1	58	55	3		;

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE DI	RTHS				DEATHS	,	
			Attended by-			7	D	n institution	
AREA.								Туре	
	Total <sup>1</sup>	Physician in	Physician not in	100.00	Total	Not in institution	m 3	instit	rtion
		hospital <sup>2</sup>	hospital	Midwife			Total <sup>3</sup>	Resi- dent	Won- resi- dent
GEORGIA—Continued								-	
Chatham	3,948	3,069	617	121	1,661	807	854	28	810
SavannahBalance of county	3,778 170	3,067	507 110	80 43.	1,458 203	636 171	822 32	27	787
Chattahoochee	1,075	1,040	i	22	74	18	56	1 -	23 56
Chattooga	570	475	66	18	130	83	47	-1	47
Clarke	457 1,417	270 1,210	154 55	9 146	144 430	100 172	44 258		44 258
Athens	1,317	1,209	35	102	369	131	258	] []	258
Belance of county	70 174	38	20	44	41	41	<u>.</u>	-	=
Clayton	130	2 2	4. 58.	123 58	66 51	57 51	9	[ -]	4
Cobb	206	141	7	47	44	35	9	<u>'-</u>	8
Coffee	1,229 755	1,022	154 109	48 355	391 203	278 134	113	2	99
Colquitt	1,140	823	60	208	266	192	69 74	[	58 73
Moultrie	946	823	5	90	152	78	74	-	73
Balance of county	194 151	l il	55 16	118 117	114 54	114 54	-	-	• -
Cook	278	68	. 143	51	83	80	3	[]	-
Crawford	871	525	125	132	256	154.	102	-	102
Crisp	135 435	1 155	17 30	106 236	50 141	20	29	-	29
Dedc	193	51	131	4	26	25 20	1	[]	29 1
Decatur	51 728	25 . 452	17	. B	20		- (1	- [	٠-
De Kalb	2,073	1,823.	53 86	180 145	251 988	171 459	60   549	أة	58 545
Atlanta (part)	16	-	7	4	118	11.7	1		1
Balance of county	41 2,016	5 1,818	9 70	24	96	94	2	- 1	. 5
Dodge	465	102	108	117 127	774 116	858	546 27	4	542 24
Dougherty	401	1,06	99	158	126	105	21	12	8
Albany	1,340 1,226	948 948	143 119	171 113	445 400	289 244	156 158	-	154
Balance of county	114	-	`24.	58	45	45	196		154
Douglas	236	139	61	34	. 59	49	1.0	-	_
Echols	556 51	188	9 18	. 323	167 23	144 23	23	-	21
Bffingham	231	102	10	108	105	94	n l	-1	10
Rummuel	498 461	293	41 55	152	184	142	42	- [	40
Evans	142	210 15	55 61	187 53	157 38	1.32 38	25		10
Faurin	376	188	1.58	13	85	76	9		7
Floyd	135 1,791	1,615	34 63	67 i 90 i	54 679	54 268	435	-!	***
Rome	1,671	1,615	5	44	392	156	411. 236	- 31	408 236
Balance of county	120 !		58 .	46	287	112	175	3	172
Forsyth	326 512	263 327	50 142	36	72 119	48 97	24	1	23
Thin? + em	14,449	13,975	375	69	4,629	2,245	2,384	296	21. 2,034
Atlanta (part)a	13,797	13,549	209	24	3,915	1,668	2,247	208	2,010
District 1511, Center Hill <sup>8</sup>	13,813	13,549	216	28	4,033	1,785	2.248	208	2,011
East Point	8	-	5	3	70	70	-		
Balance of countyGilmer	644 301	426 248	161	42	644	507	137	88	24
Glascock	53	248	13 27	36 1 21	61. 22	4.9 22	12	- []	12
Glynn	872	578	62	231	294	176	ו פבנ	-1	118
Balance of county	806 66	575 3	50 12	180 51	243 51	125 51	118	-	118
Gordon	432	351.	68	4	98	70	28	<u> </u>	28
Greene	491 261	196	209	69	131	111	20	-1	19
Gwinnett	652	370	111 [ 258	122 12	110 140	110 134	ē	<u>-</u> 1	- 6
Habersham	484	396	68	6	107	94	13	=1	6
Gainesville	1,017	688 Ecc	232	61	274	160	94	-1	94
Balance of county	697   320	566 122	96 136	23 38	157 117	60 100	77 17	-	77
Hancock	247	-1	24	147	76	76	<u>'</u> '	=1	17
Harris	282	166	94	,19	86	60	26	-1	17
Hart	243 127	12 5	46 59	137 57	78 76	77 76	1	-	-
Heard	104	21	56	15	55	53	2	<u> </u>	-
Henry	342	48	72	182	1.15	1.13	2	-1	-
Irvin	430	189 248	126 12	95 135	115 93	112 68	3 25	-1	1
Jackson	597	321	243	27	96	79	17	-1	24 · 17
Jasper	178	-1	83	· 84	74	74	- 11	-1	-
Jeff Davis	268    616	91 246	111 33	54 288	80	70	10	-	10
Jenkins	540	40B.	33	128	149	128 65	21    41	<u>-</u> 1	20 41
Johnson	195	-1	93	94	52	52		-	-
Johes	149 207	. 1	53 71	101	72	72	-	-	-
Lanier	60	<u> </u>	26	32	77	77 12	<u>-  </u>	<u>-</u>	-
		65B	117	313	408	223	400	<u>-</u> 1	
Laurens	1,131						185	1	191
Lee	181	1	. 11	161	62	62	- {	-	181 -
							1	-	181

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

ŀ		LIVE B					DEATES		· · · · · · · · · · · · · · · · · · ·
			Attended by-	·		ĺ		In institution	1
AREA	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type instit	
		hospital <sup>2</sup>	hospital				10041	Resi- dent	Non- resi- dent
GEORGIA — Continued	j	]							
Lowndes	1,350	866	56	385	313	179	134	1	100
Valdosta	899   451	642 224	16	222	222	112	130		120 110
Lumpkin	140	90	38 7	163 35	91	67	24	- 1	10
McIntosh	153	]	26	120	36 75	34 75	4.	}}	1
Macon	146	ا <u></u> ا	5	94	48	48	-		_
Madison	495 136	161	65 57	249	168	126	42	]] - ]	42
Marion	162		31	66 ( 129 )	67 59	65 l	2	]] - ]	-
meriwether	516	104	177	179	168	166	2	# : !	-
Miller	274	162	8	99	63	50	13	ll - I	8 T
Monroe	715 260	323 66	129 15 i	254	183	147	36	<u> </u>	36
Montgomery	136	"	35	98 73	71   49	70 <b>4</b> 9	1	]] - [	1
Morgan	341	96	56	178	109	96	13	[[ [	1.3
Muscogee	66 2,658	2,181	41 137	38	64	64	-	- 1	-
Columbus	2,452	2,179	91	528 174	865 713	· 497	368 350	4	364
Balance of county	206	2	46	1.54	152	134	350 18	- 4	350 14
Oconet	545 91	305	61	169	147	135	12	{  -	12
Oglethorpe	159	ī	50	31 120	51 69	51	-	[] - ]	-
Peach	236	146	76	11	65	69 50	15	[ - [	15
Pickens	368 286	166	40	145	99	95	4	- 1	5
Pierce	152	260	23 72	71	76 58	39	37	-	37
Pike	257	78	89	67	67	58 60	7	] []	7
Pulaski	759 304	558	127	65	800	155	45	-	43
Putnam	207	163 50	11 28	127	94 70	59	35	-	34
Quitman	79 [[		5	59	30	59 30	12	1 1	7
Randolph	334    509	309	4	21	30	22 }	a		8
Richmond	3,177	196 3,067	26 41	232 66	182 1,254	139	43		43
Augusta	2,877	2,823	33	19	1,066	494	643 572	54	582 527
Belance of county	300 108	244	8	47	188	117	71	14	55
Schley	96	ī	54 37	53 52	\$5    34	\$5	-	-	-
Screven	417	30	40	285	97	34 94	3	1 [1	3
Seminole Spalding	382 924	290	4	71	83	37	46	1 -1	46
Griffin	804	638 638	82 41	199 125	289 208	210	79	-	79
Balance of county	120	- 1	41	74	81	129	79	] -)	79
Stephens	520	441	22	56	87	52	35	1 1	35
Sunter	217    989	570	44	203 362	89    287	87	2	l - l	2
Talbot	260	72	7	165	84	152 75	135		135 9
Taliaferro	96	1	14	73	44	44	-	]	-
Taylor	338 223	169	113	55 95	100	64	36	30	6
Telfair	350	129	109	89	62    83	46 78	16 5	-	16 5
TerrellThomas	389	31	64	292	131	128	3	[ <u>-</u> ]	-
Thomasville	891 541	453 392	62	339 135	328 239	188	140	10	122
Balance of county	340	61	50	204	89	111	128	7 3	119 3
TiftToombs	862	584	79	190	190	121	69	3	64
Towns	567 83	329 43	135 31	90	1.33	107	26	5	18
Treutlen	134	- 1	57	4 68	21    32	20	1	- 1	-
La Grange	1,695	1,239	55	362	491	303	188		187
Balance of county	979 716	791 448	25 30	147 215	263	135	128	-	128
furner	.75	-	58	101	228 59	168 59	50	-	59
Twiggs	186	1	10	136	62	62	- 11	- []	-
Union	134	1	100   286	27	34	34	N	-	~
Walker	776	172 716	46	136	201 179	182 164	19 15	1	16 6
Walton	496	375	33	78	162	128	34	<u> </u>	34
Ware	1,031	736	162	98	362	197	165	-	165
Belance of county	900	735	80 82	89 89	304	139	165	-	165
ferren	194	il	29	152	58    76	58   76	- 11	- 1	-
Washington	652	251	50	337	. 231	178	53	- ]	53
lobater	624 [[ 104	541	31 14	45 82	139	67	72	-	70
(heeler	132	35	39	82 52	35 29	35 27	ž	- 1	-
White	138	113 [	8	12	28	27	i II	<u> </u>	ī
Dalton	1,013    987	952   951	40 27	12	189	117	72	-	72
Balance of county	26	1	13	6	135    54	63 54	72	- [	72
/ilcox	196	z	105	66	73	75	- ]]	<u> </u>	-
/ilkinson	502	297	46	137	158	113	45	-	44
orth	192	61	16	94 255	71 125	71	<u>-  </u>	<u>-</u> [	~
IDAHO	15,636		274	l	l l	-			
dadb	——————————————————————————————————————	15,323		5	4,783	2,377	2,406	305	1,977
	1,853	1,834	9	1 ]	669 ]]	269	400 ]	49	350

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS	-			DEATHS		
			Attended by-				I	n institution	
AHEA	Total <sup>2</sup>	Physician In	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type instit	of ution
		hospital <sup>2</sup>	hospital	Marie			, TOTAL	Resi- dent	Non- resi- dent
IDAHOContduicd							,		ı
AdemsBannock	125 1,379	123 1,376	2 3	-	34 322	7	27 191	-	15
Pocatello	1,367	1,364	3	- I-I	267	131 84	183	7 -	183 182
Belance of countyBear Lake	12 158	12 152	- 6		55	47	.8	7	1
Benevah	116	105	l n		48 55	36 23	12 32	1 [	12 24
Bingham	419	407	11	-	187	85	102	73	21
Blaine	128 1	126	1	ī	43 16	27	16		1.4
Bomer	285	269	13		136	16 81	55	-	· _ 55
BonnevilleIdaho Falls	1,151	1,146	5	- 1	274	100	174		171
Balance of county	1,150 1	1,145	5		244 ·	71 29	173 1	-	170
Boundary	132	129	1		56	34	22	l il	1 20
Butte	15	10	4	1	n	11.	-	1	-
Canyon	7 1,505	1,484	7 17	_	7 419	156	- 263	51	198
Nampa	985	976	9	-	21.3	51	162	15	144
Balance of county	520	508	8	-	206	105	101	36	54
Cassia	217 393	217 387	, -	_ [	34 117	14 71	20 46	∤ <u>-</u>	20 38
Clark	4	2	2	-	3	3	**-	1 []	- SB
Clearwater	149 28	140 26	8	1	107	44	63	45	18
Elmore	33	26	1 4		18 39	10 33	- 6	] [	ī
Franklin	290	245	44	-	51	36	15	i - I	15
Fremont	263 229	259 229	4	-	89	63	26	l - I	26
Gooding	716	710	- 6	_ [ ]	73 95	33 54	40   41	[	34 41
Idaho	371	340	31	-	120	53	57	-	54
Jefferson	291 4	269	2 4	-	56 53	49 53	7	-	-
Kootenei	536	524	9		257	1.35	122	24	- 79
Coeur d'Alene	440	434	6	_	183	81.	102	23	70 .
Ealance of county	96 561	90 549	10 3	1	74 135	54	20	1 1	9
Lemhi	150	152	5	_ [	58	73 40	62 18	1.0	60
Lincoln	2	l -	2	-	26	17	9	ī	6
Madison	298	292	- 6	1	19 51	16 33	3 18	-	1
Minidoka	330	327	3 [		83	57	56	ĺ įĺ	18 24
Nez Perce	755	749	4	1	237	78	159	1 11	142
Lewiston	753 2	749	4	ī	203 34	. 53 . 25	150 9	7	142
Oneida	113	112	ı		37	21	16	<u> </u>	16
Owyhee	10		10	-	17	17	-	] - ]	-
Power	92 160	89 156	3 1	- 1	70 · 39	48 16	22 23	3	19
Shoshone	659	659		- 1	204	82	122	25	23 97
Teton	124	124	<u>-</u> 1	- 1	21	1.5	6	l - i	6
Twin Falls	1,284	1,274 1,274	8 5	- 1	296 193	157 67	141 126	4	13 <u>4</u> 123
Balance of county	4		3	-	105	90	15	4	11 11
Valley	74	72	2	-	30	19	11	- 1	9
Veshington	214	206	7		79	46	33 	- 1	33
1									
Admas	181,234	171,288	9,591	94	89,908	41,975	47,933	6,438	40,756
Quincy	1,650 1,622	1,621 1,621	28	′ :1	835 659	357 227	478 432	6D 23	401. 596
Balance of county	28	-	27		176	130	46	57	ລສ <sub>ອ</sub> 5
Cafro	751	611	87	1	350	167	183	- i	183
Balance of county	. 689 62	610	31. 56	1	291 59	108 59	183	-	163
Bond	25	î l	20	ī	89	83	6	<u> </u>	=
Brown	448	445	.3	[	214	74	140	s	125
Bureau	40 822	813	40 9		66 414	61 185	229	5	<b>518</b> 2
Calhoun	83	1 [	82	-	50	50	-		-
Cass	320	300	20	-	211	156	53	_6	. 47
Champaign	390 2,563	360 2,538	30 25	<u> </u>	172 771	76 283	94 488	14	77 457
Chempaign	945	941	4	-	333	103	230	-	206
UrbeneBalance of county	1,545	1,541 56	4 17	- 1	197	45	152	2	148
Christian	840	816	23	- 1	241 377	135 174	10f 203	2	103 181
Clerk	67	1	66	- [	160	157	3	2	-
Clinton	143 407	- 378	143	-	99	99	-	-	_=
Contralia (part)	-	3.0	29	. =	184	123 3	9 <u>1</u>	6	55
Balance of county	407	578	29	- 1	181	120	61.	6	55
Mattoon	996 652	923 637	72	-	418	238	180	23	152
Balance of county	652 344	637 286	15   57	- 1	187	95 143	92 88	.20	72 80
Cook	94,379	90,259	4,013	58	46,641	21,234	25,407	2,105	-23,124
ChicagoBerwyn	77,434 1,775	73,499 1 774	3,841	55	37,878	17,749	20,129	666	19,362
Cicero	1,775	1,774	1	<u> </u>	521 335	282 335	239	` <u>-</u>	239
		<b>-</b> .	'	•	· ·		- 1	- ,	-

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

	¥	LIVE BI	etes				DEATHS		
		1		<del></del>		1	Tr	institution	
1		<u> </u>	Attended by—				<u></u>		OF
ARCEA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu	
	TOTAL -	in hospital <sup>2</sup>	not in hospital	Midwlfe	10001	institution	Total <sup>3</sup>	Rest- dent	Non- resi- dent
ILLINOIS—Continued									
Cook—Continued  Elgin (part)	_	_	_		3	3	_	-	-
Frenches	3,805	3,803	2	_	982 132	273 110	709 22	37 20	668
Maywood	4,476	4,478	5 -		91,5	354	561	"-	561
Ripe Telend	953	951	1	-	247 60	102 51	145 9	9	145
Brookfield	1 3	1	ž	ī	75	75	-	-	-
Chicago Haights	1,053	1,002	51.	-	283 55	100 55	183	:	183
Elmwood ParkForest Pork	1 2	1	1 1		105	76	29	29	
Harvey	1,005	1,002	3	-	187 55	71 53	116	[	115
La Grange	1 603	598	1 5		141	47	94	-	94
Powk Bidge	î	-	1	-	66	64	2 \	,	2 23
Wilmette	- 0		ī	-	122 53	77 50	45 3	12	3
Balance of county	3,240	3,150	82	2	4,426	1,307	3,119	1,332	1,729
Craxford	426 46	327	92 43	_	255 93	149 93	106	10	95 -
De Kalbanananananananananananananananananana	1,100	1,091	8	-	437	21.3	224	6	215
De Witt	235 375	213 343	21 32	- i	164 170	79 105	85 65	2 -	82 63
Du Pege	1,996	1,969	27		1,024	539	485	26	431
Elmburst	1,486	1,484	2 25	-	286 738	54 485	232 253	26	232 199
Balance of county	510 460	450	27	-	265	174	91	2	87
Edwards	59	-	56	-	73 288	73 106	162	[	182
Effinghem	931 595	879 502	51 5 92	-	235	151	84	24	50
Ford	266	258	8	-	136	100 350	36 107	3 4	28 92
Franklin	697 46	433 13	259 31	-	457 130	84	46	[	42
Balance of county	651	420	228	-	327	266	61	3.	50 211
Fulton	797 760	757 757	39 2	-	452 271	235 63	217 208	-	207
Balance of county	37	} -	37	-	181	172	9	1	4
Gellatin	129 486	82 434	45 52	1	77 165	69 117	8 48	-	8 46
Grandy	307	293	14	-	153	90	63	16	47
Hemilton	238 192	195 163	43 27	-	113 207	89 187	24 20	]	17 16
Hardin	125	48	72	-	67	57	10	-	10
Hemderson	19	1.002	18 12		44 511	44 234	277	21	255
Henry	1,019 745	1,007 736	9	_	281	80	201	-	507
Helence of county	274	271	3	-	230 266	154 185	76 81	21	54 75
Iroquois	552 1,051	519 983	31 66		416	262	154	Î	1.57
Jasper	43	-	43 150	-	77 365	77 195	170	3	161
Jefferson	939 824	785 782	41	]	263	98	165	3	161
Balance of county	115	3	109	-	102	97	.5	i	- 5
Jo Daviess	77 51	il :	77 51	-	103 191	89 171	14 20	ļ <u>-</u> [	13
Johnson	11.4	2	111	-	86	86	-		2 017
Aurors	4,588 2,280	4,578 2,276	10	_	2,210 698	624 240	1,586 458	530 3	1,047 453
Elgin (pert)	1,606	1,605	1	-	1,107	165	942	502	433
Elgin (total)	1,606 702	1,605 697	1 5		1,110 405	168 219	942 186	502 25	433 161
Balance of county	1,517	1,436	77	-	1,478	274	1,204	976	205
Kankakee	1,455	1,426 10	28 49	-	355 1,123	129 145	226 978	5 971	205
Balance of county	62 4	1	4	-	89	81	В	-	_
Knex	1,268	1,253	14 5	-	568 436	259 159	309 277	30 1	273 273
Galesburg	1,259	1,253	9	_	132	100	32	29	-
Lake	4,018	3,956	25	1	1,409 262	531 112	878 150	129	731 149
Waukegan	960 352	956 349	1 3	-	143	65	78	6	72
Balance of county	2,706	2,651	21	1	1,004	354	650	123	510 555
La Salle	2,350 455	2,334 455	15	-	1,077	482 38	595 124	32	124
Ottava	686	685	1	-	210	80	130	13	11.6
StreatorBalance of county	839 370	837 357	2	_	241 464	65 299	176 165	19	171 144
Lawrence	115	-	110	2	151	136	15	11.	-
Lee	730	706	24	-	509 178	195 73	314 105	188	126 105
DironBalance of county	590 140	590 116	24	-	351	122	209	168	21
Livingston	722	708	1.3	-	459	235 112	224 299	23 129	198 167
Lincoln	566 550	548 548	16 2	_	411 300	42	258	91	167
Balance of county	16	}  -	1.6	-	111	70	41	38	-
McHenry	680	633	46 11	-	335 399	1.50 270	185 129	1 15	179 113
McLean	732 1,913	1,990	23	_	866	334 167	532	2	530
Bloomington					571		404		404

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	ORTES				DEATHS		
			Attended by-		<sub> </sub>		•		
			Ritemed by-				11	institution	· · · · · · · · · · · · · · · · · · ·
· AREA	] , [					West de-		Type	
	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	3	institu	reion
		hospital <sup>2</sup>	hospital	Midwile			Total <sup>3</sup>	Resi-	Non-
		-					İ	dent	resi- dent
		<del></del>							
ILLINOIS—Continued								{	
Macon	2,645	2,630	14	_	1,013	357	250		500
Decatur	2,636	2,630	6	-	873	238	656 635	20	620 619
Nacoupin-	9 278	221	6 56	-	140 388	119	21	20	1.
Nacoupin	3,951	3,708	238	1	1,701	313 680	75 1,021	258	42 749
AltonGranite City	2,171 996	2,105 993	65	-	587	146	441	5	435
Balance of county	784	610	3 170	ī	249 865	84 450	165 415	253	165 149
Merion	1,168	1,120	47	= 1	440	259	181	5	1.69
Centralia (total)	730 730	714 714	16 16	- 1	209 212	85 88	124	] - [	121
Balance of county	438	406	31	-	231	174	124 57	ร์	121 48
Marshall	13 39	] _	13 39	- :	69	65	4	- 1	4
Maseac	221	93	124	2	98 172	98 142	30	- 2	28
Mercer	35	-	35		53	45	8	-	3
Молгое	28 9	! :	28 9	. <u>-</u>	103	98 86	5 3	5	_
Montgomery	960	933	27		472	184	288	3 2	283
MorganJacksonvillo	823 780	777	46 3	-	754	179	575	297	277
Balance of county	43	-	43		641 113	85 93	555 20	297	257 20
MoultrieOgle	32 381	347	3D		129	97	32	52	_
Peoria	4,865	4,791	33 71		265 2,063	175 699	90 1,364	5 364	85 970
Pacria	4,782	4,760	20	-	1,439	450	989	19	944
Perry	83 512	31 449	51 57	- 3	624 21.2	249 147	375	345	26
Piatt	199	195	4	-	120	80	65 40		63 36
Pika	394 60	366	26 58	=	231.	171	60	ı .	55
Puleski	137	1 -	113	1 7	57 148	57 149	_ 1 <u> </u>	<u> </u>	-
Putner————————————————————————————————————	_2		2		24	24	<u></u> .	_	-
Richland	697 653	618 620	77 33		325 295	169 133	156 182	38	115
Rock Island	3,278	3,263	15	_	1,460	498	962	295	1.75 <b>65</b> 8
Molino	2,239 977	2,238	1 8	-	540	155	385	-	385
East Moling	2	363	2		436 336	181 64	255 272	272	251
Balance of county	'60	56	4		148	98	50	23	22
Belleville	4,189 1,230	3,944 1,226	234	6	1,948 491	976 155	972 336	16 9	938
East St. Louis	2,420	2,253	161	3	9R3	453	530	7	324 508
Balance of county	539 979	465 884	69 93	3	474 425	368 268	106	- }	106
Harrisburg	485	471	13		171	96	157 75	- 1	156 75
Balance of county	494 3,359	413 3,288	80	- 1	254	172	88	-	81.
Springfield	3,291	3,283	63 4	3	1,599 1,359	471 270	1,128	34 27	1,070 1,039
Baiance of county	68	5	59	Ĭ	240	201	39 []	7	31
acott	108 21	86	21 20	- 1	88 51	62 51,	24	-	24
Shelby	358	273	84	-1	228	180	48	4	40
StarkStephenson	1,212	1,192	20	-1	35   527	35 207	320		-
Freeport	1,188	1,185	5		425	114	.311	18 13	302 298
Balance of county	24 1,001	965	15 36	-	102	93	9	5	4
Pekin	699	697	2	- []	428 207	277 79	151   128	- 1	150 128
Union	302	268	34	=	221	198	23	-1	22
Vermilion	438 2,103	377 2,025	59 73	1	457 1,059	134 477	323 582	293 179	30 394
Danyille	2,054	2,025	26	- [	624	223	401	-1	394
Wabash	49 138	45	47 93	- [	435 155	254	181	179	-
Warren	586	577	9.1	I 1	229	120 95	35   134	- 1	1 133
Washington	44	2	42	-	97	· 97 į		- 1	-
White	224 225	18 8	204 217	<u>:</u>	131 167	131 143	24	21	-
Whiteside	1,181	1,089	92		431	246	165	17	138
Sterling	771 410	755 334	16 76	-	199	86	113	-	108
W111	2,733	2,678	54	ī	212 1,274	160 578	52 696	17 45	30 639
JolietBalance of county	2,688 45	2,678	10	- 1	861	250	631	-	621
Williamson	985	727	44   255	1	393 625	328 366	65 259	45	1.8 255
Winnebago	3,487	3,434	48	4	1,252	- 536	716	28	· 675
Rockford	3,435 52	3,416 18	15 33	3	943 309	357 179	586	5	576
Woodford	29	า	28	<u> </u>	141	179	130   23	23 5	99 6
INDTANA	92,944	84,434	8,071	47	39,372		li li		
Adums	699	606	93	*/	215	22,604	16,768	2,184	14,063
Allen	4,896	4,780	110	- 1	1,830	143 796	. 72 1,034	3   128	67 898
Fort Wayne	4,806 90	4,780	22	-1	1,532	606	926	61	857
Balance of county			88	_ 1	298	190	108	67	41
Bartholomey	874	837							
Columbus		837 837	36 4 32	-	322 192 130	175 66	147 126 21	8 3 7	127 123

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

	,	LIVE BI	RTES		DEATHS					
			Attended by—		-		In institution			
47774								Туре	of	
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution	.	institu		
		in hospital <sup>2</sup>	not in hospital	Midwife		Inscitution	Total <sup>3</sup>	Resi-	Non-	
	i	100,000	nonprous					dent	resi~ dent	
INDIANA Continued							-			
Blackford	28 323	316	28 5	<u> </u>	57 127	56 81	1 46	1	4	
Boone	690	669	ıĭ	-	232	156	76	3	7.	
BrownCarroll	35 23	- 4	17 19	12	46 119	45 107	1 12	1 2		
Савв	1,127	1,115	12	-	663	225	438	192	23	
Logansport	1,115	1,114	1	-	379	129	250	10	23	
Balance of county	12 873	761	11 109	ĩ	284 338	96 244	188 94	182	9	
Jeffersonville	778	759	18	-	184	90	94	. 2	9	
Balance of county	95 493	2 457	90 35	1 -	154 278	154 203	75	3	7	
Clinton	648	629	19	-	294	179	115	29	7	
FrankfortBalance of county	631 17	629	2 17	-	186 108	84 95	102	25	7	
Crawford	145	1	142	1	110	110	- 1	4		
Daviess	855	756	90	-	313	1.67	146	1	14	
Decatur	100 432	391	98 41	-	164 206	161 114	3 92	29	6	
De Kalb	686	667	18	-	301	175	126	6	9	
Muncie	2,361 2,346	2,321 2,321	39 25	-	786 627	413 278	373 349	25 2	34 34	
Balance of county	15	-	14	- 1	159	1.35	24	23		
Dubois Elkhart	738	544 2,095	194	- 1	163	135 510	48 283	6	4	
Elkhart	2,145 1,300	1,293	48 6	1 -	793 395	208	187	21	25 18	
Goshen	805	802	5	-	167	89	76	6	6	
Balance of county	40 558	545	39 11	1	231 199	213	16 91	15	9	
Connersville	552	545	5	-	167	76	91	i	9	
Belence of county	5	7.000	. 6	-	32	32		ا تـ		
New Albany	1,427 1,385	1,292 1,292	134 92		516 404	301 220	215	12	20 18	
Balance of county	42	· -	42	-	112	91	31	12	ī	
Frenklin	66 53	2	63 50	ĩ	122 136	120 104	32	21		
Fulton	384	349	35		193	135	56	8	4	
Grant	888	749	135	- 1	334	242	92 (	19	7	
Marion	1,508	1,446 1,446	62 36	- 1	669 383	390 193	279 190	88	18: 18:	
Balance of county	26	'-	26	-	286	197	89	87		
Greene	542 462	490 441	51 17	-	278 248	207 187	71 61	6	6	
Hancock	44	2	40	~	164	156	8	1 5	•	
Harrison	250	2	244	4	134	134	- 11	-		
Henry	43 1,296	1,230	38 66		205	203 235	2 249	1 61	18	
New Castle	19	· - I	19	-	84	73	11	-	3.0	
Balance of county	1,277 1,433	1,230 1,386	47	- [	400 514	162   339	238 175	61 3	174 168	
Kokomo	1,423	1,386	37		421	249	172	- 1	16	
Balance of county	10		10	-	93	90	3	3	_:	
Huntington	755 729	713 713	42 16		374 211	267 136	107 75	27	7	
Balance of county	26	-	26	-	163	131	32	25		
Jasper	797 553	714 512	82 41	1	256 165	195 92	61   73	1 1	6	
Jay	455	436	18	-	233	134	99	8	9	
Jefferson	573	477	89		374	168	206	159	4	
Johnson	108 502	452	108 46	3	125 299	101 175	24 124	23 52	5	
Knor	1,128	1,073	54		449	259	S10	ĭ	20	
VincennesBalance of county	1,077 51	1,073	4 50	- [	295 154	99 140	196 14	- 1	19 1	
Kosciasko	613	594	19		341	213	128	52	10	
Lagrange	93	1	89	1	109	85	24	-	2	
LakeGary	9,557 4,912	9,088 4,505	422 291	14 2	2,949 1,273	1,425 549	1,524	62	1,44 71	
East Chicago	1,957	1,881	55	11.	566	246	320	-	32	
HemmondWhiting	2,735	2,699	32	1	672 50	310 50	362	18	33	
Balance of county	52	3	43	- 1	368	270	118	44	7	
La Porte	2,194	2,150	43	- [	901	384	517	38	47	
Michigan CityLa Porte	1,001 1,168	987 1,163	14 5	<u>.</u> i	391 365	147 103	262	26 3	21 25	
Balance of county	25	-	24	- [	145	134	11	ğ		
LawrenceBedford	999 841	827 825	171	- [	374	233	141	1	13	
Balance of county	158	825	16 155	<u>:</u>	226 149	88   145	138	ī	1.3	
Madison	2,633	2,566	64	-1	929	552	377	17	34	
AndersonElwood	1,975 636	1,932 633	40	-	537 149	250 77	287 72	- [	27	
Balance of county	24	1	21	- 1	243	225	13	17	•	
Marion	14,334	12,930	1,163	1	6,425	3,084	3,341	346	2,92	
IndianapolisBalance of county	12,347	11,096 1,834	1,015	1	5,529	2,611	2,918	224	2,64	
Marshall	711	1,534	148 16	-1	896 287	473 176	423 111	122	28 8	
Martin	106	1	105	-1	69	69	- []	1		
Mi ami	671 652	645 645	25   7	-	351 219	192 97	159 121	21	12 12	
Balance of county	19		18	~	133	95	38	21	10	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		· · · · · · · · · · · · · · · · · · ·	DATE		DEATHS					
		LIVE BI				· · · · · · · · · · · · · · · · · · ·				
			Attended by—			-	13	i institution		
AREA	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Totel	Type institu	rtion	
		hospital <sup>2</sup>	hospital					Resi- dent	Non- resi- dent	
INDIANA—Continued									•	
MonroeBloomington	1,094 997	960	130 38	-	331	233 128	9B	14	82	
Ralance of county	97	959 1	92		225 106	105	97 1	13 1	82	
Montgomery	825 814	797 797	28 17	-	. 315 200	191 83	124 117	2	108	
Balance of county	11	-	11.	-	115	108	7	ī	-	
Morgan	410 30	361 2	48 28	-	204 74	144	60	5 2	53	
Noble	687	670	17	-	285	176	109	25	79	
Ohio	28 299	100	28 198	-	43 354	43 139	15		11	
Owen	91	1	90	-	119	110	9	3		
Parke	62 400	163	61 230	3	· 191 119	147 112	44 7	2	42	
Pike	74 797	709	74 13	_	136 319	121 215	15 104	9	93	
Pocow.	723 191	1	190	_	132	126	6	4		
Putayan———————————————————————————————————	210 491	120 467	89 24	_	90 217	77 142	1,3 75	2 16	13 52	
Rendolph	624	609	15		287	1,88	99	1.5	83	
Riploy	1,050 449	993 429	50 19		271 206	149 175	122	1 5	120 16	
St. Joseph	4,947	4.887	57	Ξ.	1,611	838	773	41	706	
South Bend	3,939 983	3,910 977	26 6	<u>-</u>	1,125 262	547 132	578 130		55% 12%	
Talance of county	25	-	25		224	159	65	41	22	
Scott	477 655	381 619	96 35		84 304	. 74 217	10 87	1 4	6 76	
Shellhoville	633	617	15	-	175	97	78	-	78	
Balance of county	22 195	2	20 193	_	129 166	120 155	n a	3	-	
Thoules	170	4	105	-	104	100	4	4 9	28	
Steuben	307 520	297 479	9 40	- [	180 301	124 219	56 82	5	76	
Suitzerland	61	-	61	-	83	63	- 1		469	
Tippecanos————————————————————————————————————	2,638 2,625	2,619 2,619	19 6		836 641	279 163	557 478	84 35	459	
Believes of county	13	-	1.3	-	195	116	79	49	30 1	
Tipton	101	62	19 11		123 50	120 45	3 5	2	-	
Tenderhurch	4,855	4,296	554	-	1,931	771 628	1,160	194 51	929 879	
Evansville	4,667 188	4,292	374 180	- [	1,588 343	143	200	143	50	
Vermillion	499	465	34	- ]	248	141 748	107 516	. 1 46	106 462	
Vigo	2,582 2,480	2,378 2,373	201 104	- 1	1,264 968	495	473	3	462	
Belance of county	102	5	97 j	-1	296 294	253 184	43 110	43 10	89	
Wabash	553 201	547 191	18	1	82	53	29	3	26	
Warrick	175 239	3 1	168 229	1 4	142	142 137	5	- 4	-	
WashingtonWayno	1,668	1,627	41	- 1	844	417	427	161	258	
Richmond	18 i 1,650 i	1,527	18 23		252 592	250 167	2 425	161	258	
Balance of county	441	426	15	=	224	120	104	4	98	
White	62 12	-	62 11		120 163	127	3 43	2 5		
Whitley				·			13,020	1,528	31.023	
Adair	61,513	58,733 4	2,685 69	. 9	26,150	13,130	3	1		
Adams	8	-	В	-	55 136	51 112	4 24	- 2	3 22	
Appanoose	389 407	372 362	14 20	ī	261	145	116	ã	100	
Audubon	97	. 59	37	-	66	66 145	61	7	. 50	
Renton	473 3,099	445 3,069	25 28	[]	206 869	401	468	49	411	
Waterloo	1,622	1,615	7	-	446	236	210 258	- 49	204 207	
Bolance of county	1,477 447	1,454 439	21 8	- [	423 332	165 139	193	89	104	
Boons	439	439	-[	-1	193	67	126	22 67	104	
Balance of county	. 8 409	- 384	8 25	-1	139 180	72 103	67 77	6	69	
Ruchanan	401	360	22	1	306	127	179	132	46 68	
Bucna Yista Butler	525 77	513 52	11 25	-1	200	127 101	73 5	2	-	
Calhoun	272	265	7 1	-1	123	89	34	7 2	2: 12:	
Carroll	1,007 441	991 415	1.6 25	-1	259 165	11.6 83	143 82	4	78	
Cedar	57	39	17	-1	122	111	11 340	7 18	30	
Cerro Gordo	. 1,452 1,408	. 1,434 1,399	28 9	-	529 431	189 116	31.5	12	293	
Balance of county	44	35	9	-1	98	73	25	6	10 50	
CherokeeChickasew	500 368	494 365	6	-1	312 147	104 86	.208 61.	148	5	
Clarks	262	255	7	-1	121	58	63	=	5	
C)av	436	432 211	.A. 96	-	144 216	77 181	67 35	2 14	63 20	
'Clayton										
Clayton	308 1,283 1,261	1,261 1,261	22	-1	544 409	282 168	262 ;241	18 1	240 239	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

	e of occurrence.	LIVE BI			) DRATES					
		T	Attended by-		1			In institution		
	!			r			<u> </u>	Туре		
ARKA	Total <sup>2</sup>	Physician	Physician	:	Total	Not in institution		instit	tion	
		in hospital <sup>2</sup>	not in hospital	Midwlfe		institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent	
IOWA—Continued										
Crawford	346	322	24	-	153	110	43	4	39	
Davis	418 36	371	47 35	_ [	196 69	120 62	66 7	10	52 4	
Decatur	287	263	3	-	152	74	78	4	73	
Des Moines	322 1,165	307 1,151	15 13	_	129 533	97 198	32 335	3 20	29 308	
Burlington	1,158	1,151	6	-	459	141	318	3	308	
Balance of county	7 187	164	7 23		74 94	57 62	17 32	17 5	23	
Dubuque	2,105	2,061	42	-	851	320	531	56	469	
DubuqueBalence of county	1,922 183	1,911 150	10 32	-	710 141	232 88	478	55	422	
Emiet	571	569	1	_	158	57	53 101	3 3	47 95	
Floyd	712	670	41	-	268	1.63	105	21	76	
Franklin	626 368	616 362	10 5	_	198 134	108 63	90 71	2 4	87 64	
Fremont	244	230	14	-	127	77	50	4	46	
Grundy	44.2 42	432 28	10 14		158 71	86 71	70	4	64	
Guthrie	79	25	54	-	סבנ	91	19	9	5	
Hancock	459 37	451 18	8 18	-	173 67	94 65	79 2	2 2	69	
Hardin	570	563	7	- 1	186	115	71	3	68	
Henry	33.0 350	216 344	93 6		144 321	137 106	7 21.5	137	4 70	
Howard	288	282	6	-	116	71	45	1 1	44	
Humboldt	25 178	169	22 9	-	68 86	62 56	50 50	2	3 30	
Iowa	175	138	37	_ [	129	96	30 32	n n	20	
Jackson	236 479	228 443	8 35	-	177	101	76	15	52	
Newton	427	420	35 7	_ ]	262 156	147 48	115 108	1 1	109 104	
Balance of county	52	23	28		1.06	99	7	3	4	
Johnson	397 1,693	386 1,869	11 24	_	147 905	77 182	70 725	8 8	68 712	
Iowa City	1,872	1,869	3	- 1	777	114	663	-	658	
Balance of county Jones	21 587	584	21 3	- [	128 175	68 89	60 86	16	54 67	
Keckuk	221	156	65	-	161	126	33	5	25	
Kossuth	525 1,403	453 1,390	72 12		152 610	117 186	35 424	3 18	32 404	
Fort Madison	533	527	6		206	74	132	6	124	
Reckuk	B65 5	863	1 5	-	343 61.	63 49	280 12	- 1	280	
Linn	2,581	2,542	37	- 1	1,003	422	561	12 38	527	
Ceder Rapids	2,548	2,542	6 31		812	264	548	13	524	
Louisa	33 11	_	10	-	191 74	158 63	33 11	25 · 8	3 -	
Lyon	201	183	18	-	145	79	66	5	53	
Medison	202 79	166 43	36 36	-	86 89	65 1 76	21 13	1 6	20	
Mahaska	846	821	25	-	362	190	172	17	151	
Oskaloosa	802 44	799 22	3 22		256 104	99 91	159 13	13	151	
Merion	290	252	37	- 1	222	131	91	44	43	
Marshalltown	1,115 1,082	1,108 1,081	7	- 1	406 297	1.37 80	269 217	48	21.9 21.5	
Balance of county	33	27	é		109	57	52	48	4	
Mitchell	53	20	32 5	-	112	65	47	45	-	
Monona	356 300	351 227	73		104 75	83 63	21 12	1 1	14 11	
Montgomery	218	159	58	-	121	69	32	10	1.8	
Muscatine	415 725	409 712	6 10	-	160 366	97 186	63 180	8	47 170	
Muscatine	717	712	4	- ]	289	114	175	3	170	
Balance of county	8 528	449	6 79	- 1	77   154	72 106	5 48	5 5	40	
Osceola	286	271	15	-	61	43	18	[ - ]	18	
Palo Alto	630 327	626 287	40	<u> </u>	342 140	119 100	223	115	107 39	
Plymouth	869	869	19	- i	185	105	80	2	76	
Polk	215 6,065	184 5,953	31. 109	- 1	89 2,593	75 894	14	79	7	
Des Moines	6,038	5,953	82	- ]	2,364	733	1,699 1,631	39	1,561 1,552	
Balance of county	27 1,870	1,052	27 17	- 1	229 823	161 317	68 506	40	9 480	
Council Bluffs	1,862	1,852	10	- 1	695	193	502	6	480 480	
Balance of county	8	· -	7	-	128	124	4	3	-	
Ringgold	448 17	418 1	29 16	-	226 76	120 75	106	15	84 1	
5ac	175	160	15	-	117	101	1.6	-	16	
Bavenport	2,718 2,711	2,706 2,706	12 5	- 1	962 849	410 328	552 521	50 5	51.7 51.2	
Balance of county	7	-	7	- 1	113	82	33.	25	5	
Shelby	254 541	178 486	73 55	-	81	67	14	4 3	6	
Story	1,034	1,019	13	-	190 259	126 169	64 90	17	53 73	
Ames	1,019	1,019	-	-	127	55	72	-	72	
Balance of county	15 109	87	13 15	7 1	132 153	114   131	18 22	17 10	1	
			•	•	(					

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS		DEATHS					
			Attended by-			·	п	n institution		
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type instit		
		in hospital <sup>2</sup>	not in hospitel	Midwife .	10041	institution	Total <sup>S</sup>	Resi- dent	Non- resi-	
10MA-Continued									dent	
Taylor	44	3	40	-	92	77	15	13		
Union Van Buren	810 50	600	9 47	- 	202 117	103	99 6	- 3	94 1	
Wapello-Ottumya	1,332 1,290	1,247 1,246	81 41		510 423	235 177	275 246	18	211	
Belance of county	42	1	40	<u> </u>	87	58	29	1 17	205 6	
Warren	178 498	1117 478	50 61.	~ _	117 181	96 108	21 73	1 12	16 61	
Webster	84 1,765	49 1,749	34 14	-	111 506	101 169	1.0	3 [	6	
Fort Dodge	1,752	1,749	3	-	427	96	337 331.	9 3 6	328 328	
Balance of county	13   441	438	11. 3	-	79 116	73 81	6 35	6 2	31.	
Wirmeshick	446 3,360	431 3,256	15 96	_	219 1,258	137 489	82 769	8 33	74	
Sioux City	3,251	3,227	1.7	-	1,139	391	748	14	706 706	
Belance of county	109 18	29	79 18		119 71	98	21 1	1.9	ī	
Wright	315	297	15	-	146	109	37	1	27	
KANSAS	41,867	39,117	2,582	9	18,648	9,669	8,979	955	7,813	
Anderson	431 175	39Z 146	39 29	- 1	176	150	46	1	39	
Atchison	401	386	14		105 252	73 148	32 104	13 14	3 90	
Atchison	392 9	385 1	6 8		1.88 64	98 50	90 14	2 1	89 2	
Barton	247 1,070	230	17	- ]	- 90	40	50	-1	50	
Bourbon	452	1,059 434	10 17		242 246	93 108	149 138	6 6	1.43 1.31.	
Fort ScottBalance of county	434 16	434	17		201: 45	63 45	138	6	131	
BrownButler	239	219	17	2	178	127	51.	<u>n</u>	40	
El Dorado	420 407	409 406	<u> </u>		236 147	139 48	. 99	[	98 98	
Balance of county	13 86	3 66	10 20	<u> </u>	91 30	91 28		-	1	
Chautauqua	92	61	30	-	72	53	19	7	10	
CherokeeCheyenne	326 149	245 149	73	- [	229	178 27	51 14	6	43 13	
Clay	121 308	120 305	1 3	-	41 145	25 97	16 48	- [	15 48	
Cloud	546	527	19	-	243	114	129	ā	120	
Control	92 5	12	79 5	-1	90 18	82 18	8 -	1	:	
Arkensas City	843 357	832 353	10 4	1	468 145	212 81	256 64	61.	191	
Belance of county	486	479	6	1	323	131	192	62	64 127	
Pittsburg	.837 32	, 759 3	74 26	3 2	549 172	312 149	237	1	230 19	
Balance of county	805 84	756 81	48 3	1	377   55	163 33	214 22	3	517	
Dickinson	355	345	9	= 1	184	124	60	5	22 55	
DonighenDouglas	129   899	41 889	87 8	ī	74 277	74 155	122	- 1	117	
LawrenceBalence of county	891   8	889	2	- 1	215 62	97 58	318	ĩ	115	
Edvards	8	-	8		26	26	4		2 -	
Eliis	11 950	- 945	끄	<u>:</u>	43 199	43 71	128	- 1	128	
Finney	208 809	197 801	11 8	- 1	108 126	51 43	57 83	6	42 83	
Ford	913	904	9 [	-	279	'75	204	25	177	
Cttewa	496 471	456 456	40 15	- [	222 354	11.9 64	103 90	13	79 . 79 .	
Balance of county	25 731	750	25 1	- 1	68	55	1.3	4	-	
Gove	132	125	7	- [	30 30	54 17	78 13	1 -	77 11	
Grent	10 18	1 5	9		31. 8	31 7	- 1		ī	
Greeley	11 7	- 5	11 1	- [	17	17	<del>-</del>	- ]	=	
Greenwood	220	200	20	-	109	61 9	48	_ [	46	
Harritton	189 265	187 262	2   3		30 136	14 58	16 78	<u> </u>	16 73	
Hervey	554	553	1	-	274	64	210	3	207	
Balance of county	514 40	53.3 40	1.	-	154 120	42 22	112 98	3 -	109 98	
Haskell	6	- 1	5	-	9 5	9 5		<u>-</u>	-	
Jackson	196	189	6	1	114	83	31		28	
Jewell	32 22	1	31 21	- 1	93 72	93 70	-   2	- 2	-	
Johnson	177 56	125 56	50	-	274	241	33	ទឹ	26,	
Kingman	263	256		:	25 98	15 43	10 55	-	10 50	
KiowaLabette	38 703	21. 606	17 95	:	ر 357	24 192	165	30	135	
Poncona	20	1	rie l	- 1	130	.87	43	26	17	
Balance of county	683 II	605 I	76 l	- 1	227 []	i05	122	4	118	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

7		LIVE BI	RTES		DEATHS						
		<u> </u>	Attended by-	-			Îr	institution			
İ								Туре	of		
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution		institu	tion		
		in hospital <sup>2</sup>	not in hospital	M1dw1fe		1100101	Total	Resi-	Non- resi-		
TANKI C Continued								чедо	dent		
KANSAS—Continued					_						
Leavenworth	3 1,075	1,049	3 24	-	9 678	9 172	506	12	491.		
Leavenworth	681	677	4	- !	269	102	167	2	162		
Balance of county	394 34	372	20 31	-	409 54	70 52	339 2	10 2	329		
7.fpp	113	3	109	- :	91	86	5	2	-		
Lyon	10 792	774	9 14	1	20 363	20 139	224	_	288		
Emoria	779	774	4	-	311	87	224	-	222		
Balance of county	13 471	471	10	_	52 201	52 91	110	12	92		
Marion	336	311	25	-	143	82	61	2 (	56		
KarshallKeadeKeade	428 96	387 91	37 4		206 34	144 26	62 8	4	53 8		
Miami	314	260	54		325	146	179	139	33		
Mitchell	426	422	116	-	119 552	56 315	63 237	2 5	59 215		
Coffevville	1,176 528	1,047	116 44	[	176	104	72	-	68		
Independence	529	516	11	-	221 155	82 129	139 26	- 5	129 18		
Balance of county	119 100	57 69	61 10		96	75	23	3	1.8		
Morton	94	88	5	-	20	6	14. 64.	-	14 64		
Nemaha	370   367	338 304	32 63	] [	134 227	70 143	84.	i	79		
Chanute	313	304	9	-	177	93 50	84	1 1	79		
Balance of county	54 125	120	54 4		50 37	27	10	1	10		
Norton	309	294	15	-	146	56	90	1 - 1	90		
Osago	59 40	17	59 23	-	112 65	110 64	2 1	2 -	-		
Ottava	20	2	18	-	72	70	2	l <del>.</del>	-		
Phillips	120 163	117	3 92		176 : 85	39 82	137	114	23		
Pottawatomie	225	221	4	-	120	72	48	1 1	44		
Pratt	255 22	253 19	2 3	- :	110	67 22	43	- 1	41		
Reno	1,257	1,235	20	-	497	228	269	į ž	248		
Hutchinson	1,238	1,234	4 16	-	400 97	148	252 17	2	248		
Ralance of county	19 201	191	10	_	98	68	30	-	30		
R1ce	309	302	7		154 190	88 94	66 96	3 9	63 84		
Riley	760 759	759 759	1 -	-	142	58	84	- 1	84		
Relance of county	1	-	1	-	48	36 56	12	9	-		
Rooks	101 80	70 72	30 8	-	57 48	36 25	1 25	] [	23		
Russell	258	246	11	-	78	55	23	l - }	23 218		
Saline	1,262 944	1,267	14 12		343 293	125 84	21.8 209	] - [	209		
Balance of county	338	335	5	-	50	41	9	l - [	9		
Scott	161	149	138	-	38 1,834	16 632	22 1,202	45	19 1,142		
SedgwickWichita	5,709 5,552	5,546 5,448	87	_	1,567	502	1,065	45	1,005		
Balance of county	157	98	51	=	267 99	130 42	137 57	[	137 57		
Seward	435 2,498	2,353	1 118	-	1,533	583	750	276	463		
Topeka	2,464	2,352	87	-	903	446 137	457 293	36 240	410 53		
Relence of county	34 73	60	31 13	_	430 21	20	1 1	-	-		
Sherman	268	287	-	-	83	43	40 12	- 1	40 11		
SmithStafford	202 146	180 145	17	] _	84 96	72 44	52	] []	52		
Stanton	3	1	3	-	3	2	1	-	-		
Stevens	13	394	13 14		19 206	19 125	- 81	1 8	73		
Sumer	409 409	402	7	] -	90	44	46		45		
Trego	14	3	9 25	-	24 60	24 60		:	-		
Wabaunsee	28 1	-	1	] -	6	6	- 1	[ <u>-</u> [			
Washington	21	3	16	-	105 7	101	4	3 -	1		
WichitaWilson	12 272	206	64 64	]	171	122	49	u	36		
Woodson	50	21	25		53	52		<u> </u>	923		
Wyandotte	3,999	3,698 3,698	276 256		1,741 1,565	752 639	989 927	65 3	925		
Kansas CityBalance of county	3,968 31	-	20	-	175	113	62	52	-		
KENTUCKY	777,192	44,995	26,115	3,500	27,753	18,480	9,273	1,059	8,011		
Admir	326	1	285	17 2	124 131	124 126	5	-	5		
AllenAnderson	283 113	106	173 112	-	75	75	-	- 1	-		
Ballerd	64	-	62	] -	62	62	- 161	-	- 161		
Barren	1,026 170	828	164 160	7 3	357 69	196	101		-		
BathBell	1,577	836	631	95	482	271	211	1	210 <sup>°</sup> 106		
Middlesborough	659	520 316	138 493	95	195 267	182	106 105	ī	106		
Balance of county	918 91	- 1	90	1	101	100	1	1 2	- 59		
Bourbon	408	ll 267	140	1 -	200	139	61 9	5	29		

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTES		DEATES					
			Attended by—				D	institution		
ARKA	ì							Туре		
	Total <sup>2</sup>	Physician	Physician		Total	Not in institution	8	instit	ution	
•		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>S</sup>	Resi-	Non- resi-	
•								dent	dent	
KENTUCKY—Continued		ļ								
Ashlend	1,454	1,349	80	14	422	244	178	_	175	
Balance of county	1,397 57	1,349	45 35	14	536 86	159 65	177	-	1,75	
Bracker	695 112	593	102	- 1	307	1,50	157	67	83	
Bracken	530	87	102 107	132	85 93	1 85 93	_ <u>-</u>	- }	, -	
Breckinridge	410	75	31,6	11	168	153	15	l īl		
Butler	141 201		139 125	1 22	80 79	80 79	· -	l - ľ	-	
Caldwell	320	151	166	3	122	109	1.3	[]	12	
Campbell	501 833	404 769	97 64	-	172	128	44	l <u></u> [	38	
Newport	33	- 1	33		686 208	471 208	215	1.3	201	
Fort Thomas	1	l 1	1	-	90	57	25	[ i	22	
Cerlisle	799 42	769	30 41	1	389 65	196 65	192	12	179	
Carroll	147	2	145	-	85	85	<u>    </u>	_ [	-	
Casey	623 428	185 2	272	115	163	150	15	<u>-</u>	13	
Christian	1,069	714	348 252	39 46	9S 687	93 318	2 369	2 174	. 194	
Hopkinsville	642	544	77	8	278	155	123	-	. 194	
Balance of county	427	1.70 280	161 162	38 2	409 226	163 144	246 92	174	71	
Clay	1,122	855	45	85	75	63	12	:	82 13	
Clinton	322 291	124 194	146 97 ·	35	65	53	12	<b>-</b>	12	
Cumberland	183	- 1	119	37	1.06 59	79   59	27	\ -	27	
Daviess	1,737	1,328	361	2	605	315	290	1	287	
Balance of county	1,495 242	1,318	169 212	1	492 113	115 503	289	-	287	
Edmonson	181	2	140	33	61	59	2	1	' -	
Estill	180 353	1 3	132	31	33	33	-	_	_	
Payette	2,740	2,487	246 247	88	96 1,485	95 583	902	279	596	
LeringtonBalance of county	2,663	2,486	173	- 1	1,194	399	795	182	591	
FlemingFloyd	77 200	1	74 179	ايَ	291 102	184	107	97	5	
	1,776	562	936	192	293	350	73		73	
Frankfort	70 <u>4</u> 687	677 676	26 11	-	. 250	150	100	16	78	
Balance of county	17	] "1	15		190 60	91 59	99 1	15 1	78	
Fulton	459	321	107	22	187	109	78		78	
Garrard	61 101	<u> </u>	59 99	1 2	30 88	30 88	-	-	-	
Graves	. 166	2	164		81	81	- I		_	
Grayson	627 359	502 1	118 316	4 36	295 144	230	65	-	65	
Green	236	3	21.9	1 !	85	144 85	<u>- ]</u>	_ [	_	
Greenup	367 78	<u>.</u>	316 77	39	135	135	- []	-	-	
Herdin	. 1,304	858	440	Ā	* 44 237	144 186	51	- 2	49	
Horlan	2,405	83B	1,503	26	544	396	148	- [	148	
Hart	296 310	265 1	31 296	5	185 117	125 117	60	ᄁ	44	
Henderson	666	482	160	ĭ.	318	231	107	5	74	
Henderson	564 102	482	73 -87	-1	228	126	102		74	
Honry	103	ī	98	-1	90 82	85 76	5	5	_	
Hickman	105 867	40 534	63	2	74	62	12		12	
Jackson	253	334	321   158	23	351   351	280 62	7-	1	67	
Jefferson	13,197	12,217	965	~[	5,801	2,629	3,172	356	2,768	
Balance of county	12,969   228	12,211	. 745 220		4,698 1,103	2,209 420	2,489 883	90 266	2,360	
Jeesemine	119	-	119		85	85		20b	406	
JohnsonKenton	973	799	89	43	197	131	66		66	
Covington	3,571 3,509	3,453 5,452	117 56		1,316	521, 414	695 691	31 50	664 661	
Balance of county	62	1	61	-	STT	207	4	1	661 3	
Knott	686 856	118	344 568	116 113	90   90	67	23	-	23	
Larue	242	127	105	6	101	198   101	23		. 25	
Lewrence	673	500	374	49	178	146	32	-	38	
Lec	412 143	256 1	69 40	76 57	122. 56	92   56	30	. 1	29	
Leslie	521.	200	22	147	72	52	20	-	20	
Letcher	1,451 342	184	076ر1 255	179	297	246	51	- 1	38	
Lincoln	525	212	255   261	40 32	11.6 158	115 144	14	2	14	
Livingston	71	1	60	6	60	60	- 11	<u>-</u> 1	_	
Lyon	497 104	228	261   99	3	260	214	46	<u>-</u> l	46	
McCracken	1,291	1,031	257	3	64 622	57 388	7 234	7 4	228	
Paducah	1,180	1,031	149	-	502	273	229	-1	228	
Ralance of county	111 387	- 1	108 200	105	120	115	5	4	-	
McLoan	147	-	135	105 4	107 78	107 78	: II	- 1	-	
Madison	1,045	951	71	18	298	167	131	2	128	
Magoffin	328	3	217	82	71.	71			260	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place	e of occurrence.	Deaths exclus	ive of stillbi	rths and of de	eths among armed forces overseas)					
		LIVE BI	RTHS		DEATES					
			Attended by-				In	institution		
AREA	Total <sup>1</sup>	Physician	Physician	Wanda	Total	Not in institution	Total <sup>3</sup>	Type institu		
		in hospital <sup>2</sup>	not in hospital	Midwife			Total	Resi- dent	Non- resi- dent	
KENTUCKY—Continued								-		
Marshall	137 329	1 3	132 206	- 59	101 88	101 87	- 1	-	ī	
Mason	796	666	126	1	275	152	123	10	1.13	
Menifee	154   130	43 53	108 54	3 11	60 39	59 33	1	1	- 6	
Mercer	329	304	21	3	136	93	4.5	5	34	
Metcalfe	160 . 358	11	141 317	13 19	86 100	96 100	- 1.	_	-	
Montgomery	551	413	124	9	124	88	36	-	36	
Morgan	402 920	107 544	193 330	64 16	102 290	95 190	7 90	[	4. 90	
Nelson	424	-	422	-	149	141	8	6	8	
NicholasOhio	126 457	69 112	55 335	- 6	62 165	54 158	7	3.	4	
Oldham	352	291	56	4	117	59	59	12	44	
Oweley	83 141	] -	79 11	- 57	80 24	79 24	1 -	1 -	-	
Pendleton	101		97	- 1	93 326	93 189	137	-	- 137	
PerryPike	1,605 2,522	383 1,056	1,108 901	156 364	504	373	131	5	126	
PowellPolaski	179	1	145 526	17 72	43 343	43 251	92		92	
Robertson	1,292 32	675 -	31	-	31	31	-	-	-	
Rockestle	294 259	1 2	189 208	96 47	101 78	101 78	-	[]	-	
Russell	218	-	199	7	74	73	1	1	-	
ScottShelby	294 491	228 428	64 62		133 182	92 107	41 75	19 19	59 55	
Simpson	292	208	81	ı	128	95	33	2	31	
Spencer	116 305	1118	113 177	7	37 129	37 114	1.5		-	
Todd	173	2	155	11	1,22	121	1	1	-	
TriggTrimble	193 58	113	59 54	18 1	78 16	76 16	2	[ ]	5	
Union	415	224	190	-	162	134 370	28 124	2	28 120	
Warren	1,035 855	761 758	256 97		494 308	192	116	1 - 1	116	
Balance of county	180	3	159	- 1	196 65	178 63	8 2	2 2	4	
Washington	129 478	î	126 387	56	72 72	72	-	-	-	
Webster	237	82 299	153 508	1 36	179 234	174 202	5 32	[	5 31	
WhitleyWolfe	97 <u>4</u> 238	37	108	63	58	57	1	-	1	
Woodford	268	255	13	-	99	74	25	-	25	
LOUISIANA	73,039	56,470	5,539	10,980	23,894	13,728	10,166	726	9,166	
AcadiaAllen	1,530 575	1,131 494	113 38	286 43	363 145	268 90	95 / 55 /		95 47	
Ascension	586	350	124	111	179	155	24	-	24 13	
AssumptionAvoyelles	402 871	141 467	118 106	143 298	149 248	136 220	13 28		27	
Resuregard	483	334	106	43	138	105	33 8	-	31 8	
Bienville	295 528	60 361	99	134 157	108 156	100 147	9	-	9	
Caddo	6,377	6,014	4-9	309 101	1,997 1,730	762 528	1,235 1,202	8	1,159 1,138	
EhreveportBalance of parish	5,931 446	5,793 221	33 15	208	267	234	33	-	21	
Calcasieu	2,476	1,996	163	315 189	639 367	398 212	241 155	_ [	207 150	
Take CharlesBalance of parish	1,735 741	1,531 465	13 150	126	272	186	86	-	57	
Caldwell	197 54	124 1	29 51	44 2	72 27	58 27	14	[ ]	14	
Cataboula	206	117	14	75	81	78	3	-	3	
Concordia	432 368	108 186	34 4	290 178	126 141	116 114	10 27	] []	10 26	
De Coto	556	197	22	337	206	177	29	-	14	
East Baton Rouge	4,070 1,064	3,255 903	66 7	749 154	962 329	610 243	352 86	-	348 82	
Baton Rouge	5,006	2,352	59	595	633	367	266		266	
East Carroll	443 331	40 119	156 18	247 194	148 462	145 88	3 374	355	2 19	
Evangeling	609	360	88	160	233	175	58	-	58 40	
Franklin	936 58	462	136 27	338 31	199 87	146 87	53 -	-	-	
Theria	838	561	191	84	337	263 125	74 70	-	71 70	
New Iberia	540 298	489 72	32 159	19 65	195 142	138	4	-1	1	
Therville	716	403	40	272	279 115	210 93	69 32	_	62 32	
Jackson	474 343	375 131	32 151	67 61	451	324	127	-	120	
Cretna	32	-	18	14 47	54 387	64 260	127	[	120	
Balance of parish	311 755	131 463	133 144	128	192	137	55	-	54	
Tafavette	2,420	2,094	156	170 78	599 477	247 127	352 350		351 349	
Lafayette	2,204 216	2,063 31	63 93	78 92	155	120	2	- 1	2	
Information and the second sec	1,073	719	120	234	227 92	194 73	33 19		29 12	
Lincoln	311 630	\$68 402	31 48	12 180	202		97	- [	81	
	-3-			-						

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE B	rtes		DEATHS					
			Attended by—				I	n institution		
ARRA	Total <sup>2</sup>	Physician	Physician '		Total	Not in .	-	Type instit		
	,	in hospital <sup>2</sup>	not in hospital	Midwife	1000	institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent	
LOUISIANA—Continued						,				
Livingston	357 456	111 121	191 17	55 318	96 148	95 133	5 15	-	. 2 15	
Morenouse	961. 902	509 426	150 102	243 432	291 291	167 235	59 56		59 56	
New Orleans	20,611 2,703	20,258 2,428	21.9 11.0	122 165	7,398 892	3,005 306	4,393 586	190 10	4,171 571	
Halance of parish	1,433 1,270 218	1,311 1,117 138	48 62 26	74 91. 54	417 475 48	162 144 45	255 331 3	B 2	246 325 3	
Pointe Coupea Rapides	552 3,104	234 2,841	124 62	194 199	216 1,248	196 397	20 851	151	17 696	
Alexandria	1,344 1,760 185	1,275 1,566 51	22 40 34	47 152 100	401. 847 81.	195 202 73	206 645 8	151	205 491 8	
Richland	801 531	412 354	230 76	158 101	161 118	133 80	28 38	:	21 38	
St. Charles	5 29 66	2	. 7	4 20 60	33 71 40	33 71 40	-	=	-	
St. John the Baptist	386 172	56 1	173 108	157 63	130 93	129 93	1 -	-	-	
St. Lendry	1,864 595 1,005	846 357 470	250 77 248	766 347 286	493 170 265	439 152 227	54 18 38	-	54 1.8 38	
St. Teamany	205 1,302	1 958	99 • <b>15</b> 9	103	191 391	186 292	5 99	ī	98	
Tons as———————————————————————————————————	269 1,100 288	43 697 102	11 71 54	215 129	124 254	123 217	37	=	37	
Vermilion	881 386	749 294	54 24	132 78 68	109 224 121	103 175 79	6 49 42	=	49 35	
Bogalusa	1,144 861	671 775	106 28	166 58	279 177	· 155 62	124 115	=	120 113	
Balance of parish	283 1,021 104	96 787 -	. 78 65 20	108 169 84	102 255 96	93 179 95	9 76 1	=	7 68 1	
Vest Feliciana	355 163	105 1	132 31	118 129	89 65	77 75	12 10	10	8	
Maine	375 21,698	284 19,534	2,117	71 6	96	67 5,721	4,260	456	. 3,511	
Indroscoggin	2,173 2,005	2,063 1,973	109 30	-	931	430	521,	82	403	
AuburnBalance of county	11 159	1,313 4 86	7 72	= [	607 167 157	163 95 152	444 72 5	66 14 2	377 25 1	
roostook	2,851 3,964	2,070 3,874	777 89	=	759 1,898	499 984	260 934	38	258 635	
Portland	3,147 3 206	3,133 1 200	13 2	=	1,136 138	382 108	754 30	n s	723 7	
Balance of county	608 506	540 443	6 68 61	. <u> </u>	84 540 206	64 410 164	20 130 42	22	18 87 36	
lancock	655 2,254	583 2,207	72 46	-	346 1,156	257 493	79 663	138	74 493	
WatervilleBalance of county	750 1,041	748 1,050	11 2	-1	305 236	70 99	235 137	115	11.6 132	
hoxincoln	463 633 303	429 595 269	35 37 35		615 342 247	324 229 156	. 291 115 91	23 23	245 68	
enobscot	692 3,018	819 2,739	71 275	· =	389 1,321	255 653	134 668	5 3 ,156	78 115 <b>4</b> 66	
Balance of county	1,927	1,892 847	35 240	-	· 800	199 454	601 67	152	41.0 56	
'iscataquis	468 365	438 339	28 23	- 1	192	145	49 75		41	
Balance of county	323 42	315 24	8 15	il	128 70	56 67	72	3	<b>61</b>	
concret	740.	635	96	5	393	257	3 1.36	. i	1 133	
ashington	339 572	224 367	110 197	- [	201 420	166 323	35 97	- 1	32 94	
Biddeford	1,965 931	1,869 879	93 52	- 1	982 208	619 121	363 87	6	303 87	
Balance of county	1,034	990 42,511	41 6.556	2 789	774 22 904	498	276	6	216	
llegany	2,559	2,408	6,556	2,138	22,904	12,884	10,020	1,075	8,671	
Balance of county	2,000 559	1,961 447	39 ·	- 2 ·	611 356	208 286	403 70	23	379 61.	
Annapolis	1,941	1,421 984	327 23	190	778 212	506 97	272	137	126.	
Balance of county	892	437	304	149	566	409	115 157	137	133 13	
District 126	968 261.	7	951 258	7	1,650 98	1,190 88	460	171	286	
District 13°	18	-	18	- 1	60	58	2	1	1	
Relence of county	689 ii	6	675	6 I	1,502	1,044	458	170	287	

See footnotes on p. 111.

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## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS				DEATHS		
Ì			Attended by-				In	institution	
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution	Total <sup>3</sup>	Type institu	
		in hospital <sup>2</sup>	not in hospital	Midwife			Total	Resi- dent	Non- resi- dent
MARYLAND—Continued									
roline	172	1 2	93 254	77 -	189 729	182 304	7 425	217	19
rroll	257 567	458	104	-	368	191	177	88	8
m3eg	558	245	50	260	144	120	24	- -	2
Cembridge	567 486	404 404	58 17	105 65	338 170	235 105	105 65	5	6
Belance of county	81	_	41	40	168	128	40	39	
	1,490	1,197	288	4	750 331	435 131	325 200	14	30 19
FrederickBalance of county	964 526	943 254	21 267	4	429	304	125	10	1.1
~~~++	306	1	1,83	117	159	152	7	7	3.0
arford	1,450	1,285	1.63 1.58	2	391 140	268 136	125 4	13	10
mt	160 345	253	76	13	168	144	24	1	2
m+a/ma+v	3,632	3,419	196	15	1,182	540	642 307	5	63 30
rince Georges	1,476 142	1,270	103 109	99 33	941 117	634 109	8	5	30
L. Marva	964	706	94	161	171	132	39	-	
merget	298	140	59	99	225 273	179 161	46 112	2	10
albotabington	690 1,753	548 1,412	48 337	93 1	837	515	322	30	27
Wagawaterm	1,489	1,393	94	-	509	260	249	14	22
Balance of county	264	19 1,358	243 78	1 13	328 558	255 303	73   255	16 ! 5	25
Salisbury	1,451 1,394	1,358	29	7	386	139	247	5	22
Balance of county	57	· -	49	6	172	164 180	8	-	
orcester	250	1	92	154	180	180	-		
MASSACHUSETTS	<sup>9</sup> 97,966	96,113	1,804	1	52,712	25,294	27,418	<b>4,348</b>	21,97
arnstable arkshire	653 3,116	3,055	44 53		557 1,410	867	543	21	49
Pittsfield	1,862	1,843	19	-	637	268	349	5	33 2
Adams (town)	299 570	298 551	1 15	<u>-</u>	149 254	115 157	34 97	2	. 8
Balance of county	385	363	1.6	-	370	307	63	10	1 1
ristol	8,133	7,637	494	-	4,509 1,510	2,477 714	2,032 796	562 201	1,43 58
Fall River	3,241 2,093	3,004 1,968	237 124	] -	1,307	782	525	61	4.5
Tainton	802	791	11	-	659	242	417	277	13 20
Attleboro	1,096	1,045	50 16	i -	319 97	111	208	1 4	, 20
Fairhaven (town)	16 29	28	1 1	] -	85	80	5	3	
Balance of county	856	801	55	-	532	456	76 45	15 4	
BB9X	127 98,176	126 8,024	1 149	1 :	5,970	2,979	2,991	471	2,3
Beverly	983	976	7	-	361	161	200	16	10
Heverhill	1,024	987	37	-	607	212 492	395 507	17 39	35 46
Lynn	2,169	2,150 ( <sup>9</sup> )	(a)	(°)	999 1,136	616	520	5	41
Salem	1,470	1,457	13	' ' -	570	236	334	7	33
Ameabury (town)	271	265	6	-	154 98	74 77	80 21	18	6
Andover (town) Denvers (town)	53	52	3 1	] [	353	57	296	260	]
Gloucoster	549	525	24	-	294	1.57	137	50	10
Marblehead (town)	70 621	68 614	2 5	I -	96 202	72 148	24 54	26	
Methuen (town)	451	443	8	] -	220	96	134	2	12
Peabody	298	298	] -	-	205	98	107	1 1	
Saugus (town)	6	-	6	_	104 65	83 65	21	-	-
Balance of county	206	188	17	-	506	345	161	38	l L
ranklin	729	696	23 1	:	573 242	330	243 146	4	21
Greenfield (town)	697 32	696	22	] =	331	234	97	4	1 7
empden	8,690	8,587	100	-	3,728	1,962	1,766	239	1,49
Springfield	5,310	5,267	42	-	1,944 250	886 214	1,058 36	107 33	9:
Chicopee	15 2,123	2,106	14	_	705	317	388	29	3.
Westfield	615	511	4	-	277	1,27	1.50	4	1
West Springfield (town)	6	602	6 17	-	106 446	106	134	66	
Balance of county	621 1,652	1,621	30	]	1,027	400	627	298	3
Easthampton (town)	6	II -	6	-	48	47	1	1	2:
Northampton	1,200	1,185	14 10	_	649 330	113	536 90	277 20	2
Balance of countyiddlesex	446 21,219	436 20,980	236	] -	10,570	5,519	5,051	725	4,0
Cambridge	3,785	3,749	36	-	1,575	591	984	262	7:
Lowell	3,063	3,008	55 29		1,371 941	526 597	845 344	70	7 2
Somorvillo	1,621	1,592 398	79		312	225	87	1	1
Belmont (town)	4	]] 1	3	-	165	144	21	16	1 ,
Everett	1,047	1,040	7		323 580	198	125 236	1 12	12
Maddon	1,249	1,237	12 5		436	303	153	12	13
Melrose	721	718	3	-	320	158	162	12	12
Newton	1,481	1,479	2	_	717 532	454 221	263 291	11. 34	25
Walthem	1,594	1,568	6 7	-	512 167	153	14	9	-
						164	384	ll s	36

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE B	RTES	<u> </u>	DEATHS					
			Attended by-				Ir	n institution		
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution	3	Type institu		
	:	in hospital <sup>2</sup>	not in hospital	Midwife :			Total. <sup>3</sup>	Resi- dent	Non- resi- dent	
MASSACHUSETTS-Continued									i	
MiddlesexContinued Lexington (town) Marlborough	3 476	475	3 1	-	270 197	88 102	182 • 95	175 8	3 . 83	
Natick (town) Reading (town) Stomeham (town) Wakefield (town) Winchester (town) Woburn Balance of county Nortch	424 2 618 5 1,033 483 1,009 72	420 - 616 - 1,032 472 980 72	4 2 2 5 1 11 26		171 120 144 95 137 176 1,293	86 102 62 85 65 111 740 27 1,955	85 10 82 10 72 65 553 25 1,622	10 1 6 - 10 54 3 406	57 8 77 3 69 50 460 19 1,047	
Brockline (town) Quincy Breintree (town) Bedham (town) Milton (town) Readham (town)	6,057 1,589 1,742 2 3 81 180 997	6,002 1,581 1,741 - 1 81 180 997	8 1 2 2		3,577 576 786 162 115 150 115 262	368 362 121 103 119 82 74	208 424 41 12 31 33 188	34 23 2 2 4 4	150 373 32 3 26 23 163	
Wellesley (town)  Weymouth (town)  Balance of county  Prociton  Prociton  Plymouth (town)  Balance of county	5 1,328 130 3,748 2,476 409 863 24,348	1,527 94 3,635 2,449 399 787 24,025	5 1 34 111 27 10 74 315	- - - - - 1	79 369 963 2,017 780 100 1,057 12,372	57 160 499 1,268 376 113 779 4,182	12 209 464 749 404 67 278 8,190	1 332 108 9 2 97 739	10 168 99 574 357 60- 157 7,274	
Boston	21,238 1,546 371 1,193 11,246 5,704 1,178	20,967 1,502 364 1,193 11,043 5,667 1,166	266 43 7 - 194 33 12 17	1	11,397 547 272 166 6,264 2,756 494 70	3,722 183 179 98 2,875 992 230 65	7,665 364 93 68 3,389 1,764 264	634 96 5 4 763 522 3	6,888 265 61 60 2,525 1,420 253	
Clinton (town)  Gardner  Leominster  Milford (town)  Northbridge (town)  Southbridge (town)  Webster (town)  Balance of county	417 839 592 743 334 526 363 533	413 821 567 741 330 522 362 434	18 5 2 4 1 94	-	142 339 . 274 221 85 147 92 1,644	76 99 149 105 52 85 58	66 240 125 116 33 62 34 680	1 100 6 14 1 - 315	64 138 108 93 32 61 34 321	
MICHIGAN	154,160	147,671	6,272	71	56,551	27,463	29,088	4,623	23,725	
MICHIGAN  Alcona Algera Allegan Alpena Balunce of county Antrin Arenac Baraga Barry Bay Bay Bay Bay Bay Bay Bay Bay Bay Ba	97 216 911 805 789 6 91 254 76 503 2,456 2,352 2,352 2,467 1,314 635 868 660 3,322 2,556 426 861 846 851 106 551 294 866 698 178 710 749 221 463 663 7,047 6,725 322 281	141,671  433 209 844 797 797 2 2222 14 494 2,286 2,266 1,305 681 673 597 3,224 2,540 744 393 217 334 842 1 68 525 290 815 672 143 680 681 690 446 611 228 690 689 6,661	53 6 63 7 1 6 87 26 58 16 9 16 9 16 12 52 19 0 8 4 17 8 12 19 17 1 13 35 5 35 1 1 36 17 11 15 17 17 18 13 17 17 18 13 17 17 18 17 17 18 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	71 3 3	36,331 36 76 471 174 50 102 116 75 289 816 634 1,375 689 348 1,375 766 609 299 140 1172 249 189 60 93 348 1,375 766 609 299 140 1174 189 60 93 93 94 94 95 96 96 97 97 97 97 97 97 97 97 97 97	34 44 507 119 73 48 72 68 157 442 290 152 61 636 473 190 592 262 330 204 91 118 61 118 61 23 141 65 77 78 141 23 141 65 66 73 166 67 73 166 69 73 76 76 77 78 78 78 78 78 78 78 78 78 78 78 78	25,000 2 32 164 105 101 4 4 4 4 108 112 374 384 10 21 494 161 117 216 158 783 783 783 504 279 549 549 549 551 128 783 151 128 128 151 128 129 120 120 120 120 120 120 120 120	1	28 109 93 93 93 104 343 343 17 456 117 1178 115 647 116 115 647 116 116 116 116 116 116 117 117 117 11	

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

		LIVE BI	RTES		DEATES					
			Attended by-				Ir	institution		
AHEA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu		
	10001	in hospital <sup>2</sup>	not in hospital	Midwife		institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent	
MICHIGAN—Continued										
Gogobic	767	742	17	2	336	166	170	_	170	
IronwoodBulance of county	294	285 457	9		119	75	44	-	44	
Grand Traverse	473 1,014	993	30 8	2	217 589	91	126 422	260	126 159	
Traverse City	952	949	.3	-	521	87	134	1	131	
Belance of county	62 831	782	17 47		368 362	80 242	288 140	259 d	28 98	
Killsdele	522	498	24	- !	336	206	130	2	128	
Koughton	1,003 840	952	47 50	3	581 283	326 191	255 92	34	221 82	
Ingham	5,290	5,252	38	-	1,465	639	826	12	772	
LansingBalance of county	4,920 370	4,907 345	13 25		1,054 411	366 273	688 138	8 4	659 113	
Ionia	623	584	38	-	396	255	141	73	66	
Iron	124 431	81 425	39 6	1	82 170	78 88	82	- 34	48	
Tsabella	789	739	48	1	238	151	87	12	74	
Jackson	2,712	2,686	25	-	1,170	527 256	643 554	100	540 540	
Balance of county	2,640 72	2,630 56	9 16		810 360	271	89	12 88	340	
Kalamazoo	3,182	3,145	33	-	1,284	477	807	293	478	
Kalamazoo	3,049 133	3,038	10 23	-	965 319	257 240	728 79	271	<b>43</b> 9 39	
Kalkaska	36	1	35	-	32	32	+	-	-	
Grand Rapids	7,469 5,826	7,220 5,756	247 70	-	2,909 1,900	1,459 968	1,450 932	339 120	1,055 762	
Balance of county	1,643	1,464	177	-	1,009	491	518	219	293	
KeveenavLake	31	l :	- 28	-	27 37	27 37	-	-	-	
Lapeer	491	340	151	-	320	227	93	71	1,9	
Leelanau	9		7	1	6Z	57	5	5	-	
LenaweeAdrian	1,857 947	1,764 926	92 21		618 223	371 100	247 123	24 8	202 110	
Balance of county	910	838	71	-	395	271	124	16	92	
Livingston	450 244	430 241	20 2	-	322 241	208 46	114 195	165 8	94 30	
Mackinac	89	8	79	1	62	62	-	- }	-	
Mount Clemens	2,600 2,310	2,405 2,278	194 32	-	1,031 3 <b>9</b> 2	102	389 280	59	297 276	
St. Clair Shores	2,310	1 1	13	_	70	70			-	
Balance of county	275	126	149	-	579	470	109	59	21	
Marquette	389 1,190	367 1,173	16	ī	179 527	114 230	65 297	11	65 284	
Marquette	749	749	-		242	61	181		180	
Relance of county	441 441	424 419	16 21	1	285 201	169 123	, 78	11	104 74	
Mecosta	364	308	55	-	215	133	82	29	46	
Menominee	680 537	672 536	6 1	1	262 151	117 39	145 112	6	132 105	
Balance of county	143	136	5	1	111	78	33	5	27	
Midland Midland	916 868	863 861	49 7	2	208 125	141 60	67 65	1	65 65	
Balance of county	48	2	42	2	83	81	2	ī	63	
Missaukes	74	2	72	-	49	49		-	155	
Monroe	1,534 1,467	1,450 1,450	84 17	-	526 264	338 94	186 170	28 11	1.55 155	
Balance of county	67	1	67	-	262	244	18	17	′ -	
Kontcalm	1,016 23	949	65 23	1	329 36	230 36	99	4	93	
Kuskegon	3,408	3,358	49	_	1,008	525	483	9	464	
Muskegon Heights	3,363 8	3,355 2	8 6		699 69	244 67	455 2	6	444	
Belance of county	37	ı	35	-	240	214	26	3	20	
NewaygoOakland	607	529	78		241	182	59	206	55 839	
Pontiac	5,838 4,447	5,506 4,386	328 60	1	2,276 1,023	1,218	1,058   751	194	557	
Royal Oak	443	436	7	-	176	129	48	] - ]	48	
Birminghem Ferndele	3 334	323	3 11	_	42   86	42 76	30	[ ]	10	
Balance of county	611	361	247	1	949	700	249	12	224	
OceanaOgemay	421 305	402 289	1,9 16	-	174 117	96 92	78 25	7 3	68 22	
Ontonagon	174	135	35	ā	113	64	49	-	49	
Osceola	428	389	38	-	172 26	125 28	47	3	42	
Oscoda	13 21	1 -	1.3 21	]	28 40	28	13	i	12	
Ottava	1,771	1,672	99	-	585	368	217	3	198	
HollandBalance of county	773 998	769 903	4. 95	l <u>-</u>	194 391	96 272	98 119	- 3	93 103	
Presque Isle	146	71	73	] - [	71	71	-1	~	104	
Roscommon	25	14 3,938	8 131	-	38 3 337	38 680	657	- l	633	
Saginav	4,074 3,965	3,936	131 27	] []	1,337 1,053	427	626	4	610	
Balance of county	109	2	104	-	284	253	31	4	23	
St. Clair	2,074 1,502	1,917 1,478	156 24		681 464	601 240	280 224	28	242 215	
Balance of county	572	439	132	] - [	417	361	56	28	26	
St. Joseph	1,068	1,037	30	_	367	516	151	12	' 132	
Sanilac	702	608	94		281	219	62 1	1	44	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

Michigan	ion	
### Affician	ion	
Total		
MICHIGAN - Continued	ype of titution	
Shiawasse	Non- resi- dent	
Owesser         991         991         201         -         208         86         122           Balance of county         270         245         27         -         263         209         54           Tuscola         617         542         73         1         410         260         150           Van Buren         617         646         50         1         434         283         176           Wanthenay         4,280         4,223         47         -         1,829         460         1,349           Ann Arbor         2,384         2,532         2         -         1,006         165         841           Typeflanti         1,753         1,729         4         -         211         71         140           Balance of county         163         122         41         -         612         244         368           Wayne         61,880         66,017         1,821         13         20,255         7,985         12,250         1,           Detroit         43,999         47,664         1,309         6         15,008         6,522         8,686           Dearborn         1,507 <td< td=""><td></td></td<>		
Total   Tota	18 142 1 113 17 29	
Ann Arbor 2,584 2,582 2 - 1,006 165 841 71 140 71 140 81 81 81 81 81 81 81 81 81 81 81 81 81	54 70 1 158 19 999	
Wayne     61,880     60,017     1,821     13     20,235     7,985     12,250     1,       Detroit     48,998     47,664     1,309     6     15,008     6,522     8,686       Dearborn     1,507     1,492     14     -     357     274     83       Hantranck     1,088     1,058     40     -     336     133     203	- 835 - 140	
Dearborn	59 24 20 10,127 31 8,328	
	- 79 - 203	
Highland Park	5 459 1 260	
Grosse Pointe Perk		
River Rouge	- 23 3 775 3 98	
MINNESOTA		
Aitkin	- 8 1 13 - 126	
Beltrami	1 117	
St. Cloud (part) 1 1 1 - 7 7 7 8alance of county 13 - 13 - 49 43 6 81g Stone	- 4 - 49	
Blue Earth	5 217 5 217	
213   1,106   25   -   355   120   213	- 213 4 79	
Corver 367 360 7 - 162 95 67 Coss 277 211 60 3 174 94 80 Chippen 384 380 4 - 132 65 67	- 66 - 80 - 67	
Chisago	0 42 - 78	
Clearwater	- 38 57	
Crow Wing	3 200 3 159	
Balance of county     221     185     32     2     125     85     42       Dakota     305     288     17     -     348     196     152       South St. Paul     -     -     -     57     56     1	- 41 71 - 1	
Balance of county	1 70 2 2 0 95	
Fartbault	2 33 - 38	
Freeborn 1,094 1,061 31 - 286 155 131 Albert Lea	6 122 4 122 2 -	
Goodhus	3 182	
Himmespolis	8 3,998 1 3,516 7 482	
Houston	1 43 1 57 6 40	
	6 40 3 152 - 47	
Kanabec	- 37 B 136 - 43	
Note   Note	2 60 1 42	
Lake	- 46 - 17	
Lincoln	- 66 2 84	
McLeod	- 103 - 20 - 27	
Martin	- 68 - 91	
	2 77 0 92 7 120	
Austin	7 119	
Murray	30	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

ļ		LIVE BI	EVTHS				DEATES		
			Attended by-				Ir	institution	
arba	Total <sup>1</sup>	Physician	Physician		Total	Not in institution		Type institu	
		in hospital <sup>2</sup>	not in hospital	Midwife			Totel <sup>3</sup>	Resi- dent	Non- resi dent
MIRNESSTAContinued									
bles	637	631	6	-	147	62	65	1 -	
rman	229 1,531	222 1,456	7 74	- 1	93 1,137	60 162	33 955	159	•
Bochester	1,446	1,432	13	1	1,038	96	942	158	
Balance of county	85	24	61		99 622	86 244	13 378	181	:
fergus Falls	1,101 713	1,065	32 1	1	375	53	322	181	
Balance of county	388	353	51	1	247	191	56	- 1	
nningtan	677	611		-	149	45	104	i ; i	
pestone	164	110 412	52 2	-	139 115	112 62	27 51	1 1	
lk	414 905	876	27	]	318	148	170	5	
pe	290	· 288	2	-	106	45	61	l - i	
1887	10,130	10,039	72	14	3,596	1,286	2,310	361	2,
St. Paul	10,121	10,038	69 3	10 4	3,440 156	1,160	2,280 30	231 30	2,
Balance of countyd Loke	9 2	1	ไ		26	26		30	
trood	342	314	28	-	145	94	49	18	
nville	47	1	46	-	118	115	3	1	
CO	971	944	27	-	355	147 55	208 145	71 63	
Paribault	626	615	11 16	Ι .	200 155	92	63	63 B	
Balance of countyek	345 281	329 278	3	1 [	64	45	19		
seau	414	360	52	-	142	68	74	- 1	
. Louis	4,953	4,684	60	1	2,165	821.	1,344	60	1,
Duluth	3,136	3,119	15	-	1,265	374	891 168	57	
Hibbing	622	621	1 .	_	230 179	62 43	136	1 []	
VirginiaBalence of county	660 535	660 484	44	ī	491	342	149	3	
ott	284	276	8	<u> </u>	109	80	29	5	
erburne	72	66	6	-	66	57	9 ]	В .	
St. Cloud (part)	1	-	1	-	14	7	7	7	
Balance of county	71	66	5	-	52	50 82	2	1	
oley	198	177	21, 102	-	95 651	281	13 370	45	
St. Cloud (pert)	2,742 2,075	2,637 2,072	2 2	1 -	350	73	277	***	
St. Cloud (total)	2,077	2,073	] 3	_	371	87	284	13	
Balance of county	667	565	100	-	301	208	93 (	39	
eele	545	536	9	-	145	88	57	1 1	
етепа	315	306	9	-	92	41 51	51. 53	[]	
ift	380 562	373 508	7 52	!	104 196	125	71	1 [1	
everee	111	108	3	_	30	25	5	-	
basha	469	452	17	-	172	96	76	-	
dens	491	459	31.	-	125	55	70	- 1	
seca	324	319	4	ĩ	122 238	81. 133	41 105	<u>.</u>	
shingtontonwan	423 268	412 285	10 3	! !	96	46	50	35	
1kin	629	626	l i	_	132	30	102	"-	
nona	960	943	1.6	-	342	189	153	6 {	
Winona	943	942	1	-	268	118	150	6	
Balance of county	17	1	1.5	i -	74	71	3 1	:	
ight	288 572	229 564	59 8	l -	212 152	171 81	41 71	2	
Llow Medicine				l			ĺ	l i	_
MISSISSIPPI	<sup>7</sup> 65,723	28,378	11,929	12,231	20,043	14,192	5,851	514	5
Natchez	1,057 498	826 382	14 7	195 95	397 224	215 150	182 74		
Balance of county	559	444		100	173	65	108	1 - 1	
com	775	433	213	37	246	173	73	2	
ite	419	10	69	218	132	129	3	-	
tela	869	461	157	70	248	171	77	1	
nton	187	700	46 458	94 615	53 722	53 518	204	4	
livar	2,278 593	706 295	458 226	17	12B	97	31	] []	
rroll	352	1	96	148	99	99	"-	-	
ickasav	601	162	234	89	202	132	70	-	
octev	197	-	104	31	76	76	-	-	
aiborne	285	7	26	111	116	116	30	1 : 1	
erke	525 585	169 206	142 92	91 269	172 181	142	40		
8pcm8	1,514	346	386	348	458	428	30	ī	
Clerksdale	565	546	145	19	135	105	30	ī	
Balance of county	949	-	241	329	323	323	-	-	
p <u>iah</u>	81.0	51	428	178	226	225	1	- 1	
vington	261		133	29	97	97	-		
Soto	715	153	113	299 129	171 409	171 220	189		i
Hettieburg	1,532 1,415	1,162	1.36 85	98	326	139	189		
	1,415	1,161	51	31	81	81	-	-	
	210	62	22	57	62	62	-	- 1	
Balance of county			94	20	55	48	7	il - 1	
Balance of county	258	8118				11 42			
Balance of county	258 200	-	109	35	47	47	• •	- }	
Belence of county	258 200 624	292	28	177	201	136	65	- [	
Belunce of county	258 200 624 281	- 292 187	28 28	177 32	201 109	136 85	24	- 2	
Belence of county	258 200 624	292	28	177	201	136		- [	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

	e of occurrence.	LIVE BI					DEATHS		
-			Attended by-					n institution	
aeka	Total <sup>1</sup>				Mater 3	Wot in		Type instit	of
	TOTAL	Physician in hospital <sup>2</sup>	Physician not in hospital	Midwife	Total	institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent
MISSISSIFFI-Continued						·			
Hinds	4,272	2,497	408	511	1,468	729.	739	7	723
JacksonBalance of county	3,158 1,114	2,443 54	236 172	181 330	1,033 435	413 316	119 620	7 -	608 115
Holmes	1,106 794	139 5	145 144	362 237	347 193	299 192	48	! <del>.</del>	46
Issaquena	170	-	9	94	48	47	1 1	1 -	-
ItavanbaJackson	313 820	66 618	214 39	11B	93 237	92 175	1 62	-	62
Jasper	521	267	68	95	129	. 116	13	-	6
Jefferson Davis	241 435	-	18 262	82 43	114 161	114 101	I	-	-
Jones	1,951 1,736	1,700 1,623	56 10	125 81	550 371	275 124	255	3	246
Balance of county	215	77	46	44	159	151	247 8	3	2 <del>44</del> 2
Kemper	456 692	346	160 66	267 74	121 213	121 126	87	-	87
Lendordelo	205	52	90	28	67	59	8	i - i	3
Meridian	2,022 1,726	1,488 1,473	95 29	165 88	866 708	363 223	503 485	73 71	425 412
Belance of county	294 304	15 81	66 36	77 51.	158 88	140 78	. 18 10	2	13
Leakg	490	6	242	1,12	141	140	1	1	9 -
Leflorge	1,149 1,857	714 577	363 191	16 848	348 544	231 428	117 116	1 2	115 113
Greenwood	745	573	s	1,18	248	138	110	! - [	110
Balance of county	1,112 948	4 653	1.89 67	730 208	296 279	290 157	122	2	3 121
Columbus	1,122 680	403 393	233 <sup>-</sup> 90	203	379	279	101	2	96
Balance of county	442	10	143	131 72	240 139	143 135	97 4	- 2	96
Marion	1,192 675	254 280	122 121	282 81	350 192	280 145	70 47	9	59 47
Marshall	837	136	131	217	222	169	53	l īl	51
Monroe	1,157 396	574 141	256 52	142 110	323 163	235 132	88 31	1	76 31
Neshoba	677	356	170	32	155	111	44	-	40
Norubee	765 704	545 126	114 43	41 426	201 234	132 178	69 56	-	69 56
OktibbekaPenola	776 981	. 409 333	54 161	145 254	180 265	148	32	-	32
Pearl River	666	434	203	12	149	255 94	10 55		. 55
Pike	201 1,254	9 711	66 240	54 206	60 360	60 257	103	. :	103
Pontotoc	451	226	126	41	147	132	15	- (	15
Prentiss	72 <b>4</b> 889	· 537	117 213	20 135	162 212	89 192	73 20	_ [	73 20
Rankin	617 631	201 151	122 216	118 115	501 164	122	379	352	25
Sharkey	436	51.	50	321	113	138 108	26 5		25 3
Suith	708 304	500 115	77 121	64 11	187 97	128 96	59 1	-	55 1
Stone	75	-	45	. 21	40	40	- !	-	_
Tallshatchie	1,695 1,030	223 145	655 380	224 157	427 245	375 201	52 44	5 8	42 41
Tato	495 586	390	160 137	160	119	119	- i	-	-
Tishomingo	319	] 350	297	22	110 80	89 78	21 2	- 2	20
Tunica	678 594	461.	106 51	164 30	198 151	197 83	1 68	-	- 67
Welthall	750	548	43	61.	1.55	75	58	- 1	58
Vicksburg	1,297 1,163	885 882	23 18	211 139	623 526	305 209	318 317	- 1	316 315
Balance of county	134 2,196	3 714	5 409	72 592	97 815	96	1	-	1
Greenville	985	555	135	189	441	547 217	268 224	5 3	233 212
Wayne	1,211 497	159 240	274 68	403 60	374 106	330 99	44. 7	2	51
Webster	236	109	84	5	80	77	3		4 -
Winston	573 767	182 354	40 108	302 83	172 180	120 136	52 44	- 1	52 43
Yelobusha	407	85	90 100	96	139	126	13	<u>-</u> [	. 12
MISSOURI	1,135 86,983	356 71,992	13,608	147 913	418 42,892	290 22,722	128 20,170	1 2,129	125 17,437
				<del></del>				<del></del>	<del></del>
Kirksville	765 699	654 654	105 45	-	380 318	138 81	242 237	- 1	232 232
Balance of county	66 31	- 1	60 30		62 108	57 100	5	1	-
Atchiecon	17	-	17	- 1	56	56	8 -	:	B ~
Audrain	698 594	638 503	59 88	1	249 213	129 142	120 71	8	105 51
	234	196	38	- 1	128	123	5	ī	1
			75	- 1	213	154	59	· I	
Bates	283 119	210 94		_ 1				[	57
Betes	119	94 -	25 100	ī	74 84	66 71	8 13	- 6	-
Bates	119		25	- 1	74	66	8	-	136 136

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

	· · · · · · · · · · · · · · · · · · ·	TIAR BI	RTES				DEATHS		
ľ			Attended by-				I	n institution	
			·					Туре	of
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in		institu	ution
	TOUR	in	not in	Midwife	23442	institution	Total <sup>3</sup>	Resi-	Non-
		hospital <sup>2</sup>	hospital					dent	resi- dent
MISSOURI —Continued									•
Buchanan	2,347	2,158	188	1	1,432	563	869	233	594
St. Joseph	2,313 34	2,157	155 33	1	1,330 102	464 99	866 3	231	59 <b>4</b> -
Butler	1,455	1,056	323	59	426	214	212	7	204
Poplar Bluff	1,168	1,054	551 705	10 49	295 131	90 1.24	205	] - 5	204
Caldvell	142	84	56	1	112	108	4	2	
Canden	343 100	241	102 96		406 47	151	255	199	53
Cape Girardeau	1,718	1,624	83	7	513	222	291	3	287
Cape Girardeau	1,645	1,624	13 70	6 1	383 130	95 127	28B 3	3	287
Carroll	324	278	44	2	191	137	54		45
Cast	48 271	178	37 93	7	31 215	31 173	42	- 7	- 35
Cedar	125	47	78	-	113	97	16	5	6
Cheriton	101	16	84	<u>- 1</u>	150	143	7	5	
Christian	140 39	57	80 36	1 -	113   61	107	6	2 1	3
Clay	579	519	60	-	416	251.	165	40	124
Cole	126 958	30 839	95 119	-	121 342	109 167	12   175	12	163
Jefferson City	895	839	56		273	98	175	12	163
Balance of county	63		63	- ]	59	69		1	1.52
Crayford	464 132	437	27 116	3	257 94	120 94	137	2	1,56
Dade	131	101	29	-	95	77	18	- [	7
Dayless	136 116	20	136 96	-	87   114	106	6	1 4	- 1
De Kalb	65	1	63		75	73	2 1	i	-
Dont	227	122	75	25	77	68	9	-	-
DouglasDunklin	195 1,153	377	157 739	4 23	69 321	69 244	77	3	72
Franklin	1,053	884	167	-	345	\$09	136	i	132
Gasconade	124 117	48 52	76 84	-	85 111	75 105	10	- 3	10
Greene	3,267	3,170	93		1,352	558	794	36	738
Springfield	2,828	2,816	11	-	1,060	378	682	19	651 97
Belance of county	439 269	354 255	82 14		292 199	180 140	112 59	17	87 57
Harrison	274	178	96	- 1	134	93	41	7	28
Hickory	449 58	428 9	17 49	3	269 45	157 45	112	4	101
"Holt	53	ı	51.	i	96	90	6	5	_
Howard	144 552	97 259	46 268	1 8	127 215	85 173	42 42	1 4	40 32
Iron	532	418	79	8	115	72	43	8	35
Jackson	14,045	13,696	346	~ '	6,128	2,519	3,609	216	3,329
Kansas City	12,664 1,205	12,391 1,196	271		5,404 317	2,144	3,260 193	140	3,068 182
Balance of county	176	109	67		407	251	156	72	79
Joplin (part)	2,143 1,445	2,059 1,431	81		1,119 626	578 260	541 366	21.	499 351
Joplin (total)	1,445	1,431	13		628	261	367	3	351
Carthaga	462	459	3	~	210	104	106	14	87 61
Balance of county	236 299	169	65 292	2	283 315	214 253	69 62	20	23
Johnson	348	309	39	-	227	158	69	12	56
Knox	130 459	96 374	43 84	_	80 174	61 98	19 76	i	11 75
Lafayette	354	212	142	[ ]	234	216	1.8	10	7
Leafa	340	238	101	-	898	1.65	135	2	126
Lincoln	67 72	2	67 70	-	78 121	120	1	1 1	-
Linn	377	314	62	-	238	166	72	6	63
Livingeton	384 148	327	57 82	ا ۽ ا	197	156 102	41	1 4	36
Macon	148 247	169	82	5	102 231	168	63	l i	56
Madison	155	2	145	1	62	62	- 1	-	-
Maries	87 955	919	87 36		36 447	36 165	282	11	270
Hamribal	929	918	11	_	385	114	271	1	270
Balance of county	26	1 123	25 40	; !	62 85	51 66	11 19	10	1.3
Miller	L64 284	133	151	1 -	112	109	3	[]	1
Miseissippi	524	1	424	95	179	177	2	-	-
Monroe	224 61	159	65 60	_ [	135 103	1.07 97	28 6	5	28
Montgomery	80	] -	79		120	1,16	4 }	3	-
Morgan	104	31	71	<del>.</del>	85	82	3	-	-
New Madrid	898 469	210 348	535 119	131	224 246	222 159	2 87		79
Joplin (part)	- [	-	-	~	2	1	1 1	-	_
Balance of county	469 767	348 723	119	2	244 328	158 163	86 165	-	79 146
Oregon	202	26	155	13	32B 86	86	165	-	140
Osage	80	-	77	- 1	78	78	-	-	-
Ozark	223 929	160 72	42 632	5 . 154 :	54 311	54 307	ا ت	- z	-
Perry	194		191	1 1	94	92	2	- 1	_
•								•	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	ries				DRATES		•
	<u> </u>	[	Attended by-				1	n institution	
AREA						Not in		Type instit	of
	Total <sup>1</sup>	Physician in hospital <sup>2</sup>	Physician not in hospital	Midwife	Total	institution	Total. <sup>3</sup>	Resi- dent	Non- resi- dent
MISSOURI Continued	-								
Pettis— Bedalia— Belance of county— Pikes— Pikes— Pikes— Platto Polk— Pulaeki— Putaema— Rells— Randolph Moberly— Belance of county  Ray— Ray— Reynolds— Ribley— St. Charles— Belance of county  St. Charles— Belance of county  St. Clair— St. Francois— St. Louis— University City— Claytom— Kirkwood— Maplewood— Bichmond Heights— Webuter Groves— Belance of county— St. Louis (city)— Sts. Comprises— Schuyler— Beotland— Schuyler— Beotland— Scott— Shamnon— Shelhy— Stodard— Stodard— Stodard— Stodard— Stodard— Stodard— Stodard— Stodard— Stodard— Sullivan— Tanay— Tanas— Vernon— Wayne— Wayne— Wayne— Wayne— Wayne— Wayne— Webter— Worth— Wight	756 711 25 237 361 6 6 221 629 133 32 535 537 76 81 117 286 841 801 40 139 654 3,806 22 2,799 428 25,789 25,824 25,174 486 25,824 110 100 100 100 100 100 100 100 100 10	672 672 	64 99 25 165 78 6 106 115 125 125 125 125 125 125 125 125 125	15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	394 311 85 100 240 109 167 143 52 385 287 98 147 52 286 114 118 404 2,858 1,716 11,453 550 66 11,453 570 66 117,77 70 61 188 1188 71 1131 435 137	250 171 79 148 108 150 69 141 51 52 206 119 89 141 51,220 130 79 82 1,220 1,200 1,20	144 140 4 44 92 1 17 74 17 169 9 6 11 175 150 25 115 1,588 19 271 1,588 2 128 10 4 925 7 271 128 4 925 7 4 925 7 4 925 128 128 14 11 4 288 19 15 15 15 15 15 15 15 15 15 15 15 15 15	30 38 38 39 30 30 22 5 14 46 66 225 108 225 11 14 170 5 2 170 5	133 133 133 134 14 13 67 15 163 163 163 1,268 300 34 652 6,925 6,925 7
MONTANA	14,795	14,461	270	34	5,849	2,443	3,406	214	3,117
Boaverhead Big Horn Blatne Broadmater Carbon Carter Cascade Coreat Falls Balance of county Chouteau Couster Dent lodge Anaconde Balance of county Fallon Fergus Flathead Gallatin Garfield Glateir Golden Valley Granite Hill Jefferson Judith Basin Lake Belance of county Holera Belance Granite Hill Jefferson Judith Basin Lake Belance of county Holera Belance of county Holera Belance of county Holera Belance of county Liberty Liberty Liberty Liberty Libecon McCone Medicon	119 298 129 135 96 35 1,681 1,680 1 78 513 162 358 357 1 66 417 805 594 170 291 1 14 626 48 48 157 366 187	117 281 111 128 78 32 1,679 1,679 1,679 77 506 97 7354 358 357 1 66 409 794 592 70 277 33 618 45 591 591 591 591	1934 1832 1116 1652 792 10117 - 195 - 3 - 15139	1 1 1 1 1 1 1 1	90 74 41 41 74 19 564 536 42 144 28 83 189 122 173 289 186 18 29 184 32 12 135 29 186 8 59 80 80 186 186 186 186 186 186 186 187 188 189 188 188	51. 53. 29. 15. 54. 6 101. 135. 46. 15. 29. 18. 32. 49. 68. 50. 144. 73. 8. 42. 8. 23. 43. 29. 12. 72. 72. 68. 25. 68. 25. 68. 27. 28. 29. 29. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20	39 21 12 26 20 12 403 405 - 27 115 10 51 272 89 183 6 123 145 93 8 51 - 6 121 3 66 121 5 66 121 5 66 121 5 66 121 66 66 121 66 66 66 66 66 66 66 66 66 66 66 66 66	5	30 21 12 24 20 12 403 403 403 51 140 89 51 117 92 7 117 51 63 201 130 71 151

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	LRTHS				DEATHS		
			Attended by-				Ir	institution	
ARRA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution	2	Type institu	
		in hospital <sup>2</sup>	not in hospital	Midwife		Institution	Total <sup>3</sup>	Resi- dent	Won- resi- dent
MONTANA Continued									
Missoula Missoula	1,040 1,040	1,036 1,036	4	-	571 528	113	258 248	-	255 245
Balance of county	77	72	5	-	43 49	33 28	10 21	-	10 15
Park	290	285	3	-	144	64	80	- 1	80
Petroleum	138	132	1 6	-	4 49	4 27	22	- }	21
PonderaPowder River	226 2	220	3 2	3	56 8	27 8	29	-	29
Powell	145	142	3	-	60	27	53	10	40
Prairie	50 274	49 271	ž	1	17 108	9 59	8 49	-	7 49
Richland	346	342	2	1	67	22	45	-	41
Rosevelt	311 115	298 97	6 8	4 2	102 54	50 28	52 26	-	44 26
SendersSheridan	49	37 119	11 1	1	52 52	42 26	10 26	-	5 26
Silver Bow	120 1,086	1,074	8	ī	652	254	398		397
Butte	1,069 17	1,060 14	7	1 -	505 149	186 68	317 81	- 1	<b>316</b> 81
Balance of countyStillwater	73	70	3	-	36	17	19	-	19
Sweet Grass	1.8	12	6	- 3	30 25	23 17	7 8	-	7 8
Toole	113	110	3	-	53	29	24	-	24
TreasureValley	331	320	5 8	- 1	2 96	2 49	47	] - ]	47
Wheatland	4	1	3		21	21	<u>-</u>	! <u>-</u>	-
Yellowstone	1,879	1,852	24	_	558	205	353	36	314
Billings	1,857 22	1,850	5 19	_	469 89	150 55	319 34	3 33	314
Balance of county	-	-	-	_	- 1	] 33	-	-	-
NEBRASKA	31,079	29,631	1,437	ı	12,541	6,392	6,149	587	5,316
		<u> </u>	<del> </del>					<del></del>	
Adams Hastings	971 962	961 959	10	-	387 217	103 79	284 138	148	133 133
Balance of county	9	90	7 34	-	1.70 90	24 79	146 11	144	11
Antelope	124	90	34		2	2		] [	-
Blaine	- 6	-	- 6	_	2 7	2 6	- 1	ł []	-
Boons	179	158	SJ.	-	71	53	18	8	3
Box Butte	490 129	479 123	11 6		128 60	· 67	61 23		61. 23
Brown	174	174	-	-	65	31	34	ı ı	32
BuffeloBurt	824 139	789 125	35 14	_	270 80	150 71	120	3 2	116 7
ButlerCass	197 30	192 2	5 28	<u>-</u>	84 122	55 95	29	3 19	26 1
Ceder	134	83	51	] [	87	75	12	-	2
Cherry	134 235	124 233	10 2	-	40 80	24 34	16 46	-	16 46
Chevenne	420	419	1	-	77	27	50	- 1	50
Colfax	39	16	23 5	-	102 43	83 42	19	6	_
Cuming	332	328	4 85	j - !	120 152	71 97	49 55	- 5	49 48
Custer	378 4	293	4	[ ]	47	46	1		1
Dawson	238 564	232 548	6	_	11.3 171	54 102	59 69	1 2	53 60
Deuel	4	-	4	-	13	12	1 1	-	-
Dixon	163 629	98 626	65 3		60 250	55 136	5   114	10	2 103
Fremont	577	576	1	-	189	75	114	10	103
Balance of county	52 7,394	7,290	103		61 3,040	61 1,147	1,893	eo	1,769
Omaha	7,384 10	7,290	93 10	] :	2,923 117	1,079	1,844 49	32 48	1,769
Balance of county	136	132	4	] -	40	21	19	-	18
Fillmore	124 36	113	11. 33	_	80 52	61 51	19 1	1 1	17
Frontier	60	15	45	-	41	40	1	-	_=
Furnas	121 676	117 665	11		111	62 125	49 193	4 45	39 147
Beatrice	601	601	-	-	187	59	128	-	128
Balance of county	75 125	64 123	11 2		131 30	66 11	65 19	46	19 19
Garfield	125	119	6	-	32	30	2	-	-
Grant	21 5	20	1 4		15 5	15 5	-	[	_
Greeley	100	85	15	<u>-</u>	45	36	9 240	22	9 210
Grand Island	996	958	38 24		369 340	129 101	239	55	210
	962	958						1	
Balance of county	14	-	14	-	29	28 34	1 35	-	-
Balance of county	14 103 50	958 - 99 41	14 4 9	-	29 69 53	34 49	35 4	- 2 -	- 26 -
Balance of county	14 103	99	14 4	-	29 69	34	35	- 2	- 26

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

NEERASKA—Continued  Hooker———————————————————————————————————	Total <sup>1</sup> 16 124 522 118 144 172 1 114	Physician in hospital <sup>2</sup> 7 122 312 112	Attended by—  Physician not in hospital	Midwife	Total	Not in institution	Total <sup>3</sup>	Type institution  Resi- dent	of
NEERASKA—Continued  Hooker———————————————————————————————————	16 124 522 118 144 172	in hospital <sup>2</sup> 7 122 312 112	not in hospital	Midwife	Total		Total <sup>3</sup>	institu	Mon-
NEERASKA—Continued  Hookerd————————————————————————————————————	16 124 522 118 144 172	in hospital <sup>2</sup> 7 122 312 112	not in hospital	Midwife	Total.		Total <sup>3</sup>	institu	Mon-
Hooker———————————————————————————————————	124 322 118 144 172	hospitel <sup>2</sup> 7 122 312 112	hospital	Midwife		110017442411	Total		
Hooker———————————————————————————————————	124 322 118 144 172	122 112 112					, I		
Hooker———————————————————————————————————	124 322 118 144 172	122 112 112				1			dent
Howard Jefferson Johnson Kearney Keith Keith Kith Kith Kimball Khox Lencaster	124 322 118 144 172	122 112 112		_ 1	_	.		1 [	
Johnson- Kearney- Keith- Keya Paha- Kinball- Knox- Lencaster-	118 144 172 1	112	2	· 2	3 64	3 39	25.	<u> </u>	25
Keith	144 172 1		9	-	135 54	74 35	61 19	1	60 1.8
Keya PahaKinball	1	142	2		65	33	32 32	1.7	15
Kimball		144	28		57 4	28	29		28
Lencaster		107	7	- 1	33	16	17	[ - [	17
	95 3,100	6 3,066	87 34		89 1,354	83   503	6   851	94	737
Lincoln	3,091	3,066	25	- 1	1,080	431	649	18	611
Balance of county	9 816	762	9 54		274 248	72	202 146	76	126 141
North Platte	677	646	31.	- 1	182	60	122	-	118
Balance of county	139	116	23 10		66 7	42 7	24		23
Loup	1	· <u>-</u> 1	1	- [	7	7	-	-	-
Madison	1,018	1,013	2 5	- 1	5 358	5 156	202	· 83	118
Norfolk	1,009	1,008	. 1	<u>- [</u>	207 151	88 68	119 83	- 83	118
Merrick	150	146	4		73	49	24	- 03	19
Morrill	75 139	43 134	32 5	- 1	36 48	35 34	1 14	<u>-</u>	- 14
Nempha	176	169	7	-	102	64	38	ı	37
Nuckolla	- 236 449	234   441	2 8	- [	87 167	41 105	46 61	3	45 54
Powpos	124	122	2	-	80	55	25	ĭ	23
Porking	69 369	66 368	.3 1	- 1	20 117	20 48	69	_ ]	- 69
Platte	375	358 750	17 16	- [	88 202	48 60	28	2	20
Po1k	767 196	196	- 1	- 1	80	63 48	119 32		119 30
Red Willow	594 407	570 394	24 13	- 1	165 162	. 65 100	100	ī	100
Rock	48	. 48	-	-1	19	12	7		59 7
Saline	151 178	130 173	21 5	- 1	115 55	81. 53.	54 4	3 1	26 3
Samders	136	129	7	-	130	98	52	2	30
Scotts BluffScottsbluff	1,208 1,169	1,166 1,160	40 9	- 1	· 271	105 46	166 165		164 164
Balance of county	39	6	31	-	60	59	1 [	-	-
Sevard	262	253 284	9 2	= 1	100	82 41	18 30	_ <u>-                                   </u>	13 28
ShermanSiour	227	220	7 2	-1	- 57	29 10	28	-	8
Stanton	11		31		10 33	33	<u> </u>	_ [	_
Theyer	141	116	25 5	- 1	. 80	56	14	4	s
Thurston	246	235	8 ]	ī!	73	4 ) 50	23		23
Valley	128 175	92 172	36 3		63 74	39 53	. 24	- 2	24 17
Wayne	173	164	9		75	55	20		14
Wheeler	146 2	134	12	- 1	78   9	59 9	19	_ [	. 19
York	377	374	3	- [	132	60	72	9	63
NEVADA	3,752	3,673	64	2	1,680	706	974	36	935
Church111	92	90	1	- [	63	28	35	-	35
Clark	.1,069 26	1,043 23	24 3		374 15	143 15	231		229
Elko	288	280	7	1	130	69	<b>61</b> '	2	59
Euraka	! []			-	8 13	6 11	2 2	2	s
Humboldt	142	136	-	-	62	2B	34 []	-	34
Lincoln	5 86	4 85	1 1	- [	20 31	18 13	2 18		2 18
Lyon	53	40	12	1	42	29	13 []	-	12
Nye	208 22	208 21	ī		61 59	26 33	35 26		35 26
Ormsby	4		4	-1	23	20	2	2	_
Storey	42	42	I	-	41 6	18 6	23		25
Washoe	1,397 1,391	1,391 1,389	2 2	- 1	638 564	201 157	437 407	30	407 407
Balance of county	6	2	-	-1	74	44	30	30	407
White Pine	318	310	В	-	95	42	53	-	53
Bellmap	12,783 692	12,570 689	207		6,197 333	2,953	3,244	591	2,524
Laconia	689	689	- i	-	248	72	176	25	146 146
Balance of county	3 409	405	3 3	- 1	85 219	B4 117	102	1 7	93
Cheshire	694	665	29	-	372	215	157	24	119
Reans	665 29	. 664 1	1 28	= 1	219 153	97 118	122 35	23	3.17 2
Coos Berlin	848	810	38	- 1	370	174	196	3	142
Balance of county	484 364	482 328	2 36	:1	175 195	58 106	. 107   89	2	103 39

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIAE BI	BTHS			1	DEATHS		
į			Attended by-			1	Ir	institution	
ARKA			_			Not in		Type instit	of
	Total <sup>1</sup>	Physician in hospital <sup>2</sup>	Physician not in hospital	Midwife	Total	institution	Total	Resi- dent	Non- resi- dent
NEW HAMPSHIRE—Continued									
Grafton	1,591	1,552	36	_	606	273	333	4	32:
Hillsborough	3,989 2,278	3,968 2,271	20 7	-	1,728	847	881	76	79
Washua	1,227	1,227		- [	823 438	438 173	385 265	ZB 14	35 24
Balance of county	484 1,315	470	13	-	467	236	231	34	19
Concord	875	1,279 871	35 3		1,064 709	342 132	722 577	377 370	33 20
Balance of county	440 1,478	408	32	-	355	210	145	7	12
Fortamouth	689	1,464 689	14		755 233	413 97	342 136	37 ( 13 (	29 12
Balance of county	789 1,231	775 1,210	14 21	-	522	316	206	24	17
lover	452	451	1	1	506 215	262 84	224   131	19 19	19 10
RochesterBalance of county	762 17	759	3	- [	169	76	93	5	9
dulliven	536	528	17 8	-	122 244	122 134	أميد	18	6
Claremont (town)Balance of county	395	392	3	-	120	60	60	-	e
NEW JERSEY	141 94,714	91,630	2,650	388	124 47,512	24,167	23,345	1.8	20.70
tlantic	2,526	2,335	180	11	1,908	1,094	814	3,194	19,70
Atlantic CityPleasantville	1,688 64	1,655	31	2	1,100	542	558	3	55
Balance of county	774	33 647	31 118	9	96 712	96   456	256	86	16
ergen	5,907	5,838	58	11	3,669	2,305	1,366	170	1,17
Heckensack	2,247	2,242	3 4	3 1	105 606	105   121	485	- 2	48
Teaneck (twp.)6	1,679	1,673	5	ī	323	135	188	12	17
Bergenfield	2	-	S		71 86	71 86	_ [	[ ]	
Englewood	1,840	1,840	-	-]	418	109	309	- 1	30
Lyndhurst (twp.)	4 3	l <u>-</u> i	1 3	3	53 91	53 91	-	- [	
Ridgefield Park	- 1		-	Ī	74	74	- 1	-	
Ridgewood Rutherford	2 3	- 1	2 3	-	119	111	8	B	
Balance of county	120	83	34	3	109	108   1,239	375	148	21
urlingtonBurlington	2,127	1,924	195		1,178	730	448	118	30
Balance of county	59 2,068	1,900	34 161	1 6	119 1,059	99	20 428	5 113	29
anden	5,979	5,491	394	75	2,988	1,662	1,326	88	1,22
Collingswood	5,577 61	5,296 58	205 3	60	1,692 95	777	915 11	1 1 9	93
Gloucester City	13	<u> </u>	11	2	64	64	- 1	-	
Pennsauken (twp.)	31 297	137	29 146	2 11	117 1,020	114 623	3 397	1 77	9.5
ane May	357	308	49		506	424	82	39	30
hmberland Bridgeton	2,021	1,905	115 25	-1	1,017	558	459	68	36
Millville	401	887 396	دى 5		283 209	132 126	151 83		15 8
Balance of county	708	622	85	-	525	300	225	88	13
Nevark	20,176 13,624	19,824 13,318	293 258	56 46	9,127 5,089	4,177 2,044	4,950 3,045	442 105	4,42 2,88
Belleville	7	3	1	3	178	145	33	4	· 2
BloomfieldEast Orange	847	845	4 2	3	236 587	211 437	25 150	2	14
Irvington	696	691	2	3	463	362	201	4	19
MontclairOrange	817 2,589	806 2,583	10 5	ī	362 722	215 186	147 536	1	14 58
West Orange	4		4	-1	122	122	330		
Maplewood (twp.) <sup>6</sup> Millburn (twp.) <sup>6</sup>	1	-	1	-	93 57	87 57	6	6	
Nutley	2	] []	z		116	116		[ ]	
South Orenge	- 1 503		-	- 1	89	87	2		
iloucesterindependent	1,582 1,525	1,578 1,352	4 168	3	1,013 724	208 594	805 130	316 19	<b>4</b> 8
	13,576	15,397	1.49	29	6,853	3,004	3,829	341	3,46
Jersey CityBayome	10,370 1,269	10,277 1,256	85 8	6 5	3,619 594	1,286	2,333 261	25	2,30 26
Hoboken	969	955	12	i.	733	253	480	i - [	46
North Bergen (twp.)	493 7	492	1 5	2	304 196	202 198	105	} - <b> </b>	10
Union City	24	<u>i</u>	17	6	284	290	ā	-1	
West New York	12	-	7	5	167	166	1	-	
Weehawken (twp.)	419	416	6 3	1	82 382	92 126	256	-1	25
Belance of county	8	l -i	5	3	470	78	392	31.5	
ercer	165 5,765	102 5,620	62 140	1	371 2,628	292	1,597	7 367	1,2
Trenton	5,096	4,998	93	4	1,873	608	1,265	308	9:
Balance of county	669 5,061	622 4,840	47	<u>-</u>	755	423	332	59	20
New Brunswick	2,703	2,685	139 17	90	2,115 605	1,157 172	950 433	23	93 43
Perth Ambox	1,505	1,454	29	21	523	195	328	-	3
Woodhridge (tvp.)	40 21	-	16 7	24	160	152 51	8	2	
South River	11	] []	<del>,</del>	14	51 53	51	-	] [	
Balance of county	781	701	63	17	723		189	21	16

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTIS				DRATHS		
		F	Attended by-					n institution	
ATIVA								Туре	of
ARBA	Total <sup>1</sup>	Physician	Physician	W13-14-	Total	Not in institution	Total	instit	ution
		in hospital <sup>2</sup>	not in hospital	Midwife			10001	Resi- dent	Non- resi- dent
NEW JERSEY—Continued			•						
Monnouth	4,334	4,247	85	-	2,693	1,281	1,412	419	951
Asbury Park Long Branch	1,921	1,921	9 ~	-	111 589	111. 134	455		455
Neptune (twp.)	1,382 437	1,369 436	12	-	383 190	89 1.00	294 90	10 8	284
Balance of county	585 2,423	521 2,360	63 57	4	1,420 2,017	847 831	573 1,186	401 622	1.52 533
Dover	809	803	4	3	242	62	180 289	-	180 286
Morristown	1,550 64	1,548 9	1 52	2	378 1,397	89 680	717	622	67
Passaic	1,171 9,335	1,134 9,222	37 106	4	735 3,541	389 1,565	346 1,976	3 162	261 1,790
Paterson	5,335 10	5,284 1	50 7	- 2	1,913 253	721 248	1,192	34 5	1,158
Passaic	3,950	3,936	12	5	845 69	250 69	595	4	574
Balance of county	3 37	ī	3 34	-	461	277	184	119	58
Somerset	765 1,625	1,569	1 55 42	14	407 840	296 404	111 436	14 185	94 264
North Flainfield	5 1,620	1,569	5 37	14	68 772	52 : 352	16 420	1,65	16 248
Sussex	987 8,057	934 7,802	53 161	89	383 3,221	258 1,772	145 1,449	3 2	141 1,439
Elizabeth	3,818	3,688	50	76	1,252	571	681	i - I	678
Plainfield	2,284 8	2,255	28 8	-	589 98	193 82	396 16	] 1	395 16
Hillside (twp.)	5 23	i <u> </u>	17	1 6	76 93	78 93	-	i -	-
RahwayBoselle	812 12	800	10 11	2	261. 65	126 65	135		135
Summit- Union (twp.)	1,061	. 1,058	3	1	274 141	110 141	164		164
Westfield	6 5 5	] [	5 5	- 1	103	102	1	_	
Balance of county	23 830	716	20 112	3 -	267 613.	21.1. 365	56 246	1 13	51 228
PhillipsburgBelance of county	758 72	716	41 71	-	349 262	119 248	230 16	13	228
NEW MEKICO	20,632	13,782	3,722	2,456	5,711	3,251	2,460	65	2,207
Bernalillo	4,229 3,115	3,390 2,901	574 354	21.8 54	1,146 728	571 262	575 466		513 407
Balance of county	1,114	489	420 39	164	418 19	309 19	109	:	106
ChavesRoswell	1,406 1,269	1,282 1,215	52 7	66 44	296 225	143 84	153 141	i <u>-</u>	153 141
Halence of county	1.37	67	45 31.	22 36	71	59 100	32 84	<u>-                                    </u>	12 81
Corry	589 849	502 800	8	41	184 186	83	3.03	-	103
Clovis	845 4	800	7 1	38 3	160 26	57 26	103	] [	103
Dona Ana	97 1,152	80 363	3 642	14 104	20 264	203	9 61	<u> </u>	9 61
Eddy	1,369 736	1,177 506	136 95	44 27	311 224	139 99	172 125	<u>-</u>	165 121
Guadalupe	208	3	144 56	49 7	67	67 19	-	<u>-</u>	-
Hidalgo	73 135	2 92	19	17	19 54	36	18	] [	9
Hobbs	736 581	722 579	12 2	-	137 86	77 35	60 51.	-	53 51
Balance of county	1.55 1.85	143 66	10 66	- 47	, 51 69	42 42	36 9 '	-	2 26
Luna	270 741	192 542	75 44	52	98 256	58 124	132	-	29 125
Morg	262	1.4	52	151.	83	76	7	-	6 34
Quay	356 361	161 337	178 11	11 11	103 140	69 72	34 68	- 1	65
Rio Arriba	922 311	361 281	354 30	1.57	244 89	155 58	89 31		83 14
Sandoval	590 455	252 393	138 38	129 1	1.20 1.85	107 68	13   117	-	2 113
San Miguel	1,085 1,385	522 879	77 175	449 297	349 354	148 174	201 180	62 2	139 163
Santa Fe	1,176	828	99	231	300	125	175	2	160
Balance of county	209 125	51. 82	76 29	66 7	54 107	49 65	5 42		3 31
Taos	322 508	B0 187	1.77 55	51 259	1.05 147	87 116	18 31		18 31
Union	248 216	63 111	96 83	76 17	66 74	. 56 ·	10 30	-	10 30
Valencia	664	239	233	121	, 196	165	31	ı	,51
Albany	302,740 4,888	296,111 4,787	5,992 · 72	323 24	1.57,766 2,955	69,521	88,245 1,491	13,137 218	73,387 1,235
Albany	4,517	4,461	30	21.	2,955 2,041 201	826	1,215	75	1,118
Watervliet	335 11	326	11		112	127 112	74	-	74
Balance of countyAllegany	25 919	877	· 40	3 -	6D1. 438	399 300	202 138	143 22	43 115

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces oversons)

		LIVE BI	RTHS				DEATHS		
			Attended by-				Į:	n institution	
AREA								Туре	of
	Total <sup>1</sup>	Physician	Physician		Total	Not in institution		institu	tion
		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup>	Resi- dent	Non- resi- dent
NEW YORK-Continued									dent
Broome	4,894	4,838	51	_	1,989	650	1,339	303	1,020
BinghamtonEndicott	2,403 760	2,393 757	10 2	-	1,200	330	870	268	590
Johnson City	1,552	1,551	-	-	135 342	52 45	83 297	-	83 297
Balance of county	179 2,130	137 2,076	39 51	1.	312 905	223 432	89 473	35 12	50 455
01ean	1,326	1,321	5	-	344	66	258	-	257
Balance of county	804 1,633	755 1,617	46 13	1	5 <b>61</b> 789	346 342	21.5 447	12 11	196 <b>4</b> 16
Auburn	1,592	1.590	2	-	574	146	428	4	41,2
Balance of county	41 3,054	27 3,016	11. 36	-	215 1,454	196 722	19 732	7 40	664
JamestownDunkirk	1,861	1,860	1	-	652	227	425	2	43.3
Belance of county	640 553	640 516	- 35	-	225 577	74 421	151 156	37	150 103
ChemungElmira	2,223	2,215	7	-	907	401	506	22	477
Balance of county	2,215	2,215	7		728 179	249 152	479 27	20	473
Chenango	860	628	28		452	232	220	53	148
Clinton	1,392 1,238	1,234 1,234	154 3	2	598 338	292 84	306 254	43	243 243
Balance of county	154	-	151	2	260	208	52	39	-
Columbia	728 651	695 647	29 4		595 268	347 61	2 <b>4</b> 8 187	36 23	197 163
Balance of county	77	46	25	-1	327	266	61.	1.3	34
Cortland	1,111	1,082 1,082	25 4	2	470 328	250 114	220 214	6	200
Balance of county	24		21	z	142	136	6	2	200
Dutchess	1,080	985 2,105	92 51	- 6	533	307	226	37	186
Poughkeepsie	2,164 1,074	1,058	11	ŝ	2,188 536	661 228	1,507 308	879 21	610 278
Balance of county	259 831	259	<u></u> l	-1	165	58	107	48	59
Brie	19,328	788 18,845	40 449	1 25	1,487   9,265	395 4,259	1,092 5,006	810 916	273 3,986
Buffalo Kenmore	17,175	16,928	223	20	7,170	2,951	4,219	343	5,784
Lackawama	1,625	1,590	35	2	83 332	80 96	3 236	3 58	_ 178
TonawandeBalance of county	3	- 1	3	-i	77	77	-	-	-
Basex	524 1,003	327 911	92 981	5	1,603   483	1,055	546 223	512 19	24 194
Franklin	1,003	730	269	-1	534	313	221	5	205
Gloversville	899   888	884 884	14		626 409	345 162	281 247	15 10	237 217
JohnstownBalance of county	1	-	1	-	113	85	28	4	17
Genesee	10 1,210	1,195	9	-	104 626	98	6 387	1 34	3 350
Batavia	1,194	1,194	-	-	413	64	349	1	347
Balance of county	16 531	1 502	11 29	- [	213 379	175 230	38 149	33 7	3 135
Hamilton	8	-	8		55	55	-	-	-
Herkimer	1,464 588	1,430 587	34 1	<u>.</u> [	721 196	417 69	304 127	12	279 119
Balance of county	876	B43	33	-	525	348	177	12	160
Jefferson	2,126 1,533	1,989 1,524	134 9		1,062	550 166	512 411	' 21 14	457 375
Balance of county	593	465	125	-	485	384	101	7	58
Livingston	440 411	388 386	52 24	- 1	240 459	156 i 272	84 187	10 76	70 100
Madison	1,055	1,004	51	-	506	315	191	14	139
Balance of county	800 255	800 204	51	-1	221 285	85 230	1.56 55	15	133 6
Monroe	11,092	11,032	54	1	5,205	2,124	3,091	769	2,201
RochesterIrondequoit (town)	10,780	10,743	32	1	4,045 95	1,523	2,522	359	2,075
Balance of county	311	288	22	-	1,065	50a	557	409	126
Montgomery	1,170 1,151	1,145	23	2	662	338	324	12	292
Balance of county	19	1,145	19	2	461 201	169 169	292 32	5 9 9 1	280 12
Floral Park	9,789	9,633	153	-	4,194	2,531	1,663	46	1,565
Freeport	318 518	317 510	1 7	-	94 151	79 144	15 7	-	15 7
Garden City	-11	- 1	-	-	92	92	- []	-	
Glen Cove	926	912	14	-1	223 132	58	165 9	9	139
Lynbrook	2	1	2	<u> [</u> ]	88	123 88	-	-	-
Mineola Rockville Centre	1,613 2,855	1,613 2,852	- 3	- [	294 262	57	237	,_	237
Valley Stream	5		4	-1	110	122 101	140	19	9 119
Relance of countyNew York City <sup>10</sup>	3,549	3,429	119	<u></u> ]	2,748	1,667	1,081	1.8	1,040
Wiagara	157,930 4,671	155,314 4,641	2,186	249	81,636 1,671	33,757 726	47,879 945	4,322	43,228 831
Niagara Falla Lockport	2,786	2,777	7	- 1	788	295	493	4	483
North Tonawands	995 875	991 873	1	_ i	361 224	126 110	235 114	34	192 111
Balance of county	1.5	-	14	-1	298	1.95	103	49	45
Oneida	5,117 3,562	4,987 3,546	126	2	2,890 1,546	1,082 513	1,808	626 273	1,128 738
Rome	1,358	1,351	6	~	583	139	444	76	758 346
	197	901	1.05	1	761.		331	277	44

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Beaths exclusive of stillbirths and of deaths among armed forces overseas)

	·	LIVE BI	RTES				DEATHS		
		<u> </u>	Attended by—		· · · · · · · · · · · · · · · · · · ·		Iz	n institution	
			-		İ			Турс	of
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution		- institu	ution
1		in hospital <sup>2</sup>	not in hospital	Midwlfe		1	Total <sup>3</sup>	Resi-	Non- resi-
						]		dent	dent
THE MODE of subdays 2									•
NEW YORK—Continued.				-	7 704			183	
Onondaga	8,089 7,977	6,009 7,945	79 32	1 -	3,394 2,542	1,751 1,129	1,643 1,413	40	1,373 1,311
Balance of county	112 1,546	64 1,524	47 20	1	852 794	622 347	230 447	1.43 67	361 361
General	629	627	2	-	1.89	89	100	-	97
Balance of county	917 3,373	897 3,264	18 104	ī	605 2,014	258 930	347 1,084	67 340	264 729
Newburgh	1,001 776	973 771	27 5	1	494 571	211 139	283 432	29 236	252 194
Balance of county	1,596	1,520	72	-	949	580	369	75	283
Orleans	634 1,546	625 1,384	7 158	1	333 763	206 547	127 236	1 - 24	114 200
PultonOsuego	622	621 762	1 8	-	160 264	104 125	56 139	- 2	56 135
Belence of county	770 154	1	149	Ξ	359	318	41	22	9
Onemta	1,089 586	1,024 585	62 1		675 231.	360 77	315 154	21.	279 150
Relance of county	503	439	61	_	444 202	283 128	161	21.	129 50
Putnem	283 3,333	266 3,283	17 47	2	1,768	902	866	129	686
Troy	3,215 6	3,209	5 4	- 2	1,246 105	466 101	780 2	109	649
Balance of county	112 I	74	38		419	335	84	20	37 331
RocklandSt. Lawrence	1,677 2,525	- 1,628 2,355	49 166	-	1,186 1,260	364 583	82Z 677	472 223	411
MassanaOgdeneburg	531 609	523 607	B 2	-	109 482	43 81	66 401	193	65 204
Belance of county	1,385	1,225	156	<u>-</u>	669 890	459	210	30	142 269
Saratoga Springs	860 494	806 490	4B 4	1 -	277	554 141	326 136	24	134
Balence of county	366 3,330	316 3,300	44 29	1 -	613 1,385	423 736	190 649	25   83	135 531
Schenectedy	1,897	1,873	23	-	045ر1	504	541	14 69	495
Balance of county	1,433 336	1,427 252	6 85	-	340 218	232 175	108 43	2	36 28
Schwier	247 481	241 471	5 10	· -	169 543	91 183	78 360	255	75 102
Stephen	2,456	2,357	97	-	1,213	516 86	697 165	12	662
Corning	934 605	933 602	1 3		251 217	79	138	[ - ]	163 ' 137
Balance of county	917 5,017	622 4,856	93 155	ī	745 4,580	351 1,452	394 3,128	2,151	362 919
Sullivan	824	740 413	83 33	ī	585 345	383 222	202 123	7 7	192
Tioga Tompkins	451 1,255	1,236	1.9	-	526	227	299	19	262
IthacaBalance of county	1,239 16	1,235	4 15	_	322 204	86 141	236 63	1 19	236 26
Ulster	1,457	1,408	47	-	1,168	641	547 419	8	515 410
KingstonBalance of county	1,094 373	1,079 329	4 43		602 586	183 458	128	7	105
Warren	1,635 1,578	1,572 1,571	56 6		643 451	338 165	305 286	6	274 268
Balance of county	57	1 434	52 97		192 512	173 342	19 170	6 23	6 133
Wayne	535 811	1	34	_ [	620	391.	229	53	167
WestchesterYonkers	11,690 3,110	11,623 3,100	60 9	1	5,926 1,401	2,447 565	3,479 <sup>1</sup> 836	341 31	3,094 797
Mount Vernon	1,453 1,382	1,436 1,375	14 7	1	696 634	264 236	432 398	19 16	394 375
White Plains	1,378	1,377	1	Ξ.	527	211	316	- [	309
MamaroneckOssining	2 371	367	2	_	66 203	63 68	3 135	25	1 101
PeekskillPort Chester	577 1,254	568 1,254	9	<u>-</u>	221 304	98 71	123 233	6	115 253
Scarsdale	- 1	-	_ <del>-</del>	-	4.9	49	- [		-
Balance of county	2,163 -621	. 2,146 591	<b>→</b> 14 30	- 1	1,825 323	822 187	1,003 136	244 7	759 119
Tates	316	305	11	-	204	119	85	7	56
NORTH CAROLINA	109,605	73,383	22,301	13,806	30,147	18,607	11,540	987	10,337
Alemance	1,715	1,321	385	7	347	304	43	4	36
BurlingtonBalance of county	924 791	821 500	102 283	- 7	118 229	85 21.9	33 10	4	31. 5
Aleghany	126 102	-	121 97	4 2	72 50	72 50	-	-	
Anson	844	51.7	159	368	220	168	52	2	50
Ashe	659 466	483 412	111 B	64 46	123 76	94 40	· 29	] - [	28 35
Beaufort	1,260	917 290	137 152	206 306	365 189	250 172	115 17	2	113 15
Bladen	665	2	441	222	156	155	1	-	-
BrunswickBuncombe	420 3,209	158 2,823	19 250	242 132	110 1,352	78 579	32 773	19	32 723
Asheville	2,977	2,820	45 205	110	797 555	279 300	518 255	11 8	481 242
Balance of county	232 1,069	3 973	28	22 52	402	143	259	137	118
Concord	1,739 1,517	1,624 1,498	91 17	23 2	407 209	236 73	171 136		16 <b>4</b> 136
· Balance of county	222	126	74	21	198	163	35		28

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE B	RTES				DEATES		
			Attended by—				In	institution	
area							Ĭ	Туре	
	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Total	institu	
		hospital <sup>2</sup>	hospital	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2002	Resi- dent	Non- resi∽ dent
NORTH CAROLINA—Continued									
Caldwell	1,233	999	209	23	232	170	62	- [	62
Carteret	92 589	486	30 42	62 61	35 170	35 127	43	] [	43
Caswell	370 1,847	1,722	23 <b>4</b> 29	136 95	84 392	83 247	1, 145	1	144
Hickory	1,146	1,130	4	12	155	75	80		80
Balance of county	701	592 205	25 259	83 65	237 177	172 164	65	-	6 <b>4</b>
Cherokee	529 615	205 461	259 47	107	151	91	13 60		13 42
Chowen	400	151	173	75	114	90	24	-	24
Cleveland	2,071	1,530	32 337	32 203	17 340	17 206	134	2	132
Shelby	1,273	1,249	9	15	177	46	131	- <u>i</u>	131
Balance of county	798 1,395	281 740	329 240	188 414	163 351	160 255	3 96	2 7	1 88
Craven	1,305	910	55	340	350	250	100	6	94
New Bern	723 582	576 334	4 51	143 197	201   149	117 133	84 16	- 6	84 10
Cumber1 and	3,047	2,219	263	564	756	31.5	441	5	429
Favetteville	1,383	1,099	54 209	230 334	495 261	125 190	370 71	4 1	363 66
Balance of county	1,664 89	1,120	209	334 43	48	46	′¹	-	-
Dare	56	6	46	4	34	34			
Davidson	1,402 722	1,266 693	123 28	13	353 128	220	133 84	1 -	128 83
Thomasville	457	450	2	5	79	40	39	- 1	39
Balance of county	223 155	123	93 150	7 5	146 81.	136 81	10	1 1	6
Durlin	935	3	815	117	259	258	1	1	-
Durham	3,545 3,483	3,420 3,419	40 18	84 45	1,209 1,062	403 293	806 769	23 2	780 765
Balance of county	62	1	22	39	147	11.0	37	21	15
Edge combe	1,487	606	505	376	415	289	126	8	113
Rocky Mount (part)	375 1,112	273 333	92 413	10 <b>36</b> 6	97 318	88 68	29 97	- 8	29 84
Forsyth	4,161	3,924	221	14	1,332	573	759	70	681
Winston-Salem	5,882 279	3,729 195	138 83	14	1,069 263	395 178	674 85	16 54	653 28
Franklin	612	1.64	237	211	198	190	8	7	1
Gastonia	2,130 1,587	1,544 1,544	476 36	110	612 265	414 99	198 166	2	196 166
Balance of county	543		440	103	347	315	32	2	30
Gates	220	65	69	86	89 29	68 29	-	-	-
Graham	188 852	103 414	62 395	21. 43	274	156	118	45	56
Greens	395	-	365	30	91	91		-	-
Guilford	4,889 3,074	4,520 3,042	290 19	79 13	1,33 <del>4</del> 709	673 268	661 441	34 5	602 420
High Point	1,572	1,478	76	1.8	307	158	149		149
Balance of county	243 2,102	989	195 250	48 922	318 507	247 341	71 166	29 9	33 157
Harnett	1,504	1,121	246	135	307	216	91	35	56
Kaywood	1,001	938 737	53 69	10 5	182 268	131 166	51 102	1	50 99
Hertford	494	102	334	58	140	131	9	_ [	8
Hoke	364	s	178 18	184 87	205 51	100 51	105		104
Hyde	106 2,110	1,850	182	78	492	249	243	5	235
Statesville	1,177	1,124	38	15	251	90	161 82	- 5	161 74
Balance of county	933 474	726 223	144 204	63 42	241 136	159	37	5	74. 37
Johnston	1,396	444	747	204	360	326	34	2	31.
Jones	164 916	827	50 26	113 62	49 190	49 86	102	-	102
Lengir	1,940	1,315	237	386	478	256	222	1.5	207
Kinston	1,502	1,312	42	149	327 151	120 136	207 1.5	15	207
Balance of county	438 798	637	195 107	238 54	171	111	60	- 1	59
McDowell	749	586	149	14	147	82	65	-	65
Macon	423 319	147 42	182 169	92 96	121 103	103	41	_ [	41 1
Martin	721	91.	428	196	194	176	1.8	2	16
MecklenburgCherlotte	5,811	5,516	146	147 72	1,674	765 493	909 867	16	888 864
Balance of county	5,626 185	5,515	37 109	75	1,360 314	272	4.2	16	24
Mitchell	485	308	130	43	85	77	8 9	-	6 7
Moore	378 970	190 776	126 117	62 77	106 275	97 165	110	3	93
Nenh	2,019	1.079	659	279	593	299	294	9	284
Rocky Mount (part)	1,184	1,078 1,351	92 184	14 24	351 448	83 151	268 297	[]	257 296
Balance of county	1,559 835	1	567	265	242	216	26	9	17
New Henover	2,066	1.959	24	82	721	270	451 410	14	435 408
WilmingtonBalance of county	2,050 16	1,958	17 7	74, 8	610 111	200 70	410 41	14	408 27
Northampton	626	1	292	333	1.47	146	1	1	_
One low	1,110 176	900	118 109	89 67	204 137	128 136	76	-	76
Pemlico	240	l i	157	82	69	68	l îł	-	-

Table 8.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

***		LIVE B)	rtes				DEATES		
			Attended by-				I	n institution	
47774						1		Туре	n#
AREA	Total <sup>1</sup>	Physician	Physician .		Total	Not in	_	instit	
		in hospital <sup>2</sup>	not in hospital	Midwife		institution	Total <sup>3</sup>	Resi-	Non-
								dent	resi- ' dent
NORTH CAROLINA—Continued									
Pasquotank	757	450	86	201	226	131	95	,	94
Elizabeth City	550	450	ш	89	173	79	94	1 -	94
Balance of county	187 379		75 145	112 232	53 132	52 112	1	1	
Perguirang	199		61	138	72	72	1	-[	_
Pitt	696 1,779	288	345	63	115	90	25	4 [	. 21
Greenville	845	757 744	694 25	327 76	446 192	347 97	99. 95	4	88 88
Balance of county	934	13	669	251	254	250	4	4	-
Polk	255 1,120	151 999	94 93	10 28	87 318	62 210	25 108	i -	25
Richmond	1,025	534	225	168	288	229	59	] 4]	102 55
Rockingham	2,848	1,048	1,270	530	620	482	13B	] - [	121
Reidsville	1,722 795	1,260 736	410 57	51	468 190	307 69	161 121	3	156 120
Balance of county	927	524	353	49	278	238	40	3	36
Rowan————————————————————————————————————	1,497 1,253	1,218 1,216	210 23	68 14	502 277	311 94	191	8	183
Balance of county	244	2	1,87	54	225	217	183	- a	183
Rutherford	1,084	48B	542	54	263	192	71	2	69
Scotland	1,325 892	317 374	696 190	309 328	287	283 153	4 59	2	1 59
Stanly	986	890	95	3	230	149	81	3	78
StokesSurry	286 1,783	64 1,303	218 422	5 57	103	98	5	4	1
Swain	334	120	161	49	332 69	214 62	118	3	115 7
Transylvania	397	245	141	9	64	54	10	- [	9
Union	163 1,232	123 870	263	36 97	35 255	23 160	12 75	<del>-</del>	12
Vance	1,041	686	69	284	290	172	118	1	7 <u>1</u> 117
Raleigh	3,522	* 2,650	621	251	1,218	537	681.	1.61.	519
Balance of county	2,696	2,628 22	13 608	55 196	903 315	224 313	679 2	159 2	519
Warren	692	105	. 84	503	154	153	í		ī
Washington	319 423	57	92	169	90	89	1	-	-
Wayne	1,598	369 768	29 670	25 160	102 681	71 319	31 362	267	31. 92
Goldaboro	963	758	252	53	227	129	98	4	92
Balance of county	635 1,063	10 593	518 297	107 172	454 276	190	264	263	_
Wilson	1,950	1,133	542	275	587	216 313	60 274	5 15	55 256
Wilson	1,373	1,132	74	167	398	143	255	ī	251
Palance of countyYadkin	577 81	1 1	468 77	108	189 86	170   85	19	14	5
Yancey	202	1	95	1.14	72	70	ž		-
NORTH DAKOTA	16,785	15,902	787	8	5,045	2,182	2,863	252	2,549
Adams	124	121	3	· -1	23	18	5	-	5
Benson	526 145	519/ 135	6 4	-1	139 60	44	95	1	94
Billings	-	-	-	-1	2	41 2	19		19
Bownen	298	283	15	-	86	37	49	-	. 49
Burke	83 91	77 76	5 11	- 1	12   34	12 27	- <del>-</del>	-	5
Burleigh	1,607	1,593	10	1	383	61	322	ī	33.8
Bismarck	1,600	1,593,	6	ī	370	48	322	1	318
Cass!	2,287	2,266	. 21	<b>=</b> [	13   671	13 211	460	13	442
Fargo	2,274	2,262	12	-	490	144	346	4	338
Balance of county	13   326	310	9 15	-1	181 92	67 59	114	9	104
Dickey	174	155	19	-1	57	45	12-	6	27 12
Dum	145	144	1	-	48	26	SS	5	17.
Rddy	34 177	175	29	[]	24 52	24 17	35	- 1	- 35
Remons	160	- 6	151		34	34	. "-		- -
Golden Valley	148	131	16	-	58	25	33	-	33
Grand Forks	144 1,535	143	12	_	35   378	14	261	- 24	21. 236
Grand Forks	1,419	1,411	8	-	285	68	217	2	236 214
Balance of county	116	111	. 4	-	93	49	44	22	22
Griggs	216 53	199 50	17	-1	47   17	24 16	23	-1	23
Hettinger	76	21	54	1	25	25	-11	<u> </u>	-
Kidder	. 209	177	3 30	-	25   50	25	<u>-11</u>	-	-
logan	47	22	19	<u> </u>	18	18	6	5	-
McHenry	1	-	- 1	-1	43	42	ī	-1	_
McKenzie	47 21	11	32	-1	32	32	- []	-1	-
McLean	131	13 97	21	1 2	36 64	36 61	3	:l	.3
Mercer	224	217	4]	=[	. 36	17	19		17
Mountrail	324 106	273 80	48	-	100	63	37	2	29
Nelson	80	78	26	<b>[</b> ]	47   66	38 45	9 21	2 2	4 17
Oliver	5	-	1	-	4	4	- }	- 1	
		74	29	_	11 ea	70	19	- 1	_
Plerce	1,04 360	359	ĩl		104	26	78	*1	3 78

See footnotes on p. 111. 891563 O-50-10 TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

		LIVE BI	RIES			i	DEATES		
			Attended by-			T I	In	institution	
AREA								Туре	of
<del></del> -	Total <sup>1</sup>	Physician in hospital <sup>2</sup>	Physician not in hospital	Midwife	Total	Not in institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent
MORTH DAKOTA—Continued									
Ranson	45	16	28	-	43	42	1 []	1	-
Renville	1 154	146	1 7		27 98	27 54	44	-	42
Rolette	379	365	5	3	109	36	73	-	69
Sargent	11	1	10	-	37 12	37	<u> </u>	-	-
Siour	28 84	71	28 2		29	10	19		19
Slope	-	-	. <del>.</del> 1	-	11	1 11	. <u></u> li	= 1	
Stark	950 91	938 90	12	-	194 29	59   13	135 16	6	124 15
Stutsman	805	780	24	-	340	63	277	144	1.53
Towner	107	99	7	-	36 82	32 59	23		4 20
Walsh	162 576	159 572	2 3		209	92	117	33	91
Ward	1,695	1,686	9	-	397	80	33.7	1	316
MinotBalance of county	1,531 164	1,525 161	6 3	-	341 56	49	292 25	1	291 25
Wells	365	349	15		55	27	28	-	27
Williams	702	695	6	-	172	61	111	-	111
ОШ10	186,111	174,236	11,587	44	80,566	43,135	37,431	4,471	31,852
Adams	305	4	297	2	181	181	- 11	-	-
AllenLima	3,480	3,381	97	- 1	1,105 834	450 265	655 569	30	613 565
Balance of county	3,096 394	3,031 350	54 43	_ [	271	185	86	30	48
Ashland	667	661	6	-	320	221	99	6	83
Ashland Balance of county	661. 6	661	- 6		175 145	88 133	87 12		79 4
Ashtahula	1,640	1,571	68	_	843	51.1	332	55	270
Ashtabula	901	879	22	- 1	299 544	147	152   180	4 51	148 122
Belance of countyAthens	759 726	692 506	46 216	-	544 579	362	217	130	84
Auglaize	31	-	31.	-	243	209	34	10	17
BelmontBellaire	1,974	1,801	170	-	961 187	590 100	371   87	22	334 86
Martins Ferry	560 958	553 957	7	-	313	91	222	4	209
Balance of county	456	291	162	=	451	399	62	18	39
Brown	229 4,275	4,118	224 153	1	228 1,287	217 621	11 666	11	650
Hemilton	2,528	2,456	70	_	709	253	456	2	452
Middletown	1,683	1,662	20		359	161	198		198
Balance of county	64   125	]	63 125	-	219 155	207	12 13	13	-
Champaign	506	474	32	-	260	1.89	71	1	70
Clark	2,768 2,720	2,602	162 114		1,258 1,030	637 478	621 522	126 48	481 461
Balance of county	48	2,002	48	-	258	159	99	78	20
Clermont	298	1	296	~	309	302	7	5	- 12
Columbians	383 2,737	163 2,427	220 305	_	222 1,065	195 626	27 439	15 26	377
East Liverpool	1,315	1,220	94	-	355	147	208	2	196
Salem	1,211	1,205	6 205		264 446	83	181 50	- 24	181
Coshocton	211 709	671	38		373	253	120	7	107
Coshocton	672	671	1	-	216	106	110	1	107
Balance of county	37 1,235	1,196	37 35	_ <u>-</u> i	157 440	147 250	10    190	6 9	179
Cuyahoga	32,818	31,943	845	7	13,696	6,627	7,069	523	6,394
Cleveland Heights	27,138 223	26,302 223	807	6	10,348 414	4,643 306	5,705   108	397 13	5,192 93
East Cleveland	2,825	2,823	2	-	509	210	299	3	296
Lakewood	1,311	1,307	4	-	623	414	209	4	204
BuclidGarfield Heights	7 3	[	7 3		169 99	131	38   12	2	13 9
Parma	6	]	6	-1	103	64	19	16	i
Shaker Heights	3 700		3		126	126	-	-	-
Balance of county	1,302 822	1,288	13 52	1 -	1,305 404	626 311	679 93	86 17	586 75
Defiance	768	754	13	-	274	168	106	9	94
Delaware	496	451	44	-	303 558	188 249	115 309	17 48	92 259
Brie	1,136 1,129	1,123	13 6	_ i	399	133	266	5	259 259
Balance of county	7	-	7	- 1	159	116	43	43	-
Fairfield	1,105 1,006	962 962	143 44	v	198 287	341	157   140   1	12	140 140
Balance of county	99		99	-	211	194	17	12	-
Fayette	278	2	276	-	232	169	63	6	36
FrenklinColumbus	13,411 13,145	12,907	493 322		5,383 4,668	2,607	2,776	389 319	2,310 2,209
Balance of county	266	94	171	-	715	541	174	70	101
Fulton	643	612	30	[ - ]	286	184	102	15	72
Gallia	829 336	653 248	152 82	1 4	421 164	178 134	243 30	108	134 7
Greene	838	633	204		393	306	87	24	43
Kenia	178	133	45	-	115 277	92 214	24 63	24	23
Balance of county	660 665	500 533	159 129	1	277 629	214	63 337	24 195	134
Cambridge	559	532	26 103	- 1	271 358	113	158 179	22 173	133
Belance of county	106								1

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

		LIVE BI	RTES		DEATES					
			Attended by-				-Iz	institution		
AREA.								Туре		
Assa	Total <sup>1</sup>	Physician	Physician	I	Total	Not in institution	s	instit	ution	
ł		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup>	Resi-	Non- resi-	
			<u> </u>					dent	dent	
OHTOContinued						1				
Hemilton	17,737	17,175	534	2	9 567	4 000	4 545	045	* 07.	
Cincinnati	16,072	15,727	320	1	8,567 7,284	4,022 3,018	4,545 4,266	645 441	3,874 3,807	
Norwood	1,658	1 1,447	6 208	ī	169 1,114	168 836	1 278	204	67	
Findley	1,626 898	1,598	27	-	627	298	329	8	33.4	
Fostoria (part)	582	892 582	5		355 125	153 14	202	-	197 109	
Balance of county	146 768	124 705	22 63		147 358	131 150	16 208	8 29	8 171	
Herrison	40	-	40	-	164	152	12	6	4	
Highland	390 671	356 489	34 181		222 331	166 248	56 83	11 8	36 71	
Hocking	555 554	449 460	100 93	1	188 196	138 126	50 70	- 5	22 63	
Huron	992	955	37	, -	470	288	182	24	149	
Jackson	425 2,557	2,434	414 122	2 -	238 912	235 515	3   397	5 17	- 374	
Steubenville	2,445	2,432	13	-	582	208	374	-	374	
Balance of countyKnox	112 968	945	109 25	-	330 440	307 212	23 228	17 18	201	
Mount Vernon	950 18	943	7	-	256 184	85	171	1	168	
Lake	1,094	1,076	18 18	-	540	127 328	57 212	17 28	33 155	
PainesvilleBalance of county	1,081 13	1,076	5 13		224 316	69 <b>2</b> 59	155   57	3 25	152 3	
Lawrence	1,085	947	125	2	399	252	147	- 1	147	
Ironton	964 121	947	16 109	- 2	247 152	100	147	- 1	147	
LickingNewark	1,208	1,142	66	-	758	460	298	25	250	
Balance of county	1,163 45	1,142	21 45		475 283	213 247	262 36	3 zz	246' 4	
Logan	622 3,506	580 3,471	42. 32		405 1,327	282 737	121 590	20 i	92 546	
Elyria	1,225	1,219	5		355	164	191	11	177	
Lorain	1,719 562	1,709 543	10 17	-	538 434	266 307	272 127	18	264 105	
Lucas Toledo	10,623	10,367	242	2	4,575	1,843	2,732 }	338	2,371	
Balance of county	10,534 89	10,367	157 95	2 -	4,213 362	1,498 345	2,715 17	325 13	2,369 2	
Madison	205 6,198	6,085	203 105	 4	158 2,536	1,37	21	21 55	7 770	
Youngstown (part)	6,155	6,084	66	3	2,076	1,138 785	1,398 1,291	9	1,322 1,263	
Youngstown (total)	6,155 10	6,084	66 8	3 1	2,076 45	785 44	1,291	9	1,263 1	
Struthers	5		4	-	47	47	- []	- Į	_	
Balance of county	28 1,283	1,245	27 38	-	368 513	262 295	106   218	46 7	58 201	
Marion-	1,256	1,245	11 27	~	409	511	198	- 1	189	
Balance of county	1,285	1,274	11	-	104 382	84 210	20 172	7 13	12 154	
Meigs Mercer	1,002	122 992	188 8	-	206 282	184 172	22   110	3   14	14 96	
Micmi	1,773	1,750	23	-	644	380	264	9	247	
Piqua	968	964 786	4 19	. [	261 383	121	140	9	140 107	
Monroe	160 11,636	3 11,438	149 197	-	166 4,213	164 1,784	2,429	2	2,106	
Deyton	11,516	11,435	81	-	2,995	1,201	1,794	273 169	1,583	
Balance of county	320	3 2	116	-	1,218	583 126	635	104	523	
Morrow	15		15		154	136	n	7		
MuskingunZanesville	2,348 2,323	2,288 2,288	58 34	1 -	932 723	475 274	457 449	13	406 406	
Balance of county	25 118	- 66	24	1	209	201	"a	7	-	
Ottava	494	450	51. 42	_	102 102	102 181	85	5	79	
Paulding	224 184	210	14 184	-	143 296	· 96 268	47 28	3 27	44	
Pickaway	491	356	133		328	218	120	75	34	
Pike	247 1,131	1,108	231. 23	-	115 497	109 294	203	- 6	6 195	
Preble	-88	-,200	88	-	206	197	9	7	1	
Putnem	91 2,291	2,217	89 73	-	150 863	146 412	451	2 12	- 373	
Manefield	1,761	1,742	19	-	485	216	269	- 1	265	
Ross	530 1,222	475 730	54 487	[ ]	378 537	196 337	1,82 200	12 73	108 126	
Chillicothe	792 430	728 2	61,	-	272 265	161	111	- 1	111	
Šandusky	1,321	1,281	426 38	1	533	176 289	89 2 <b>44</b>	73 13	15 224	
Balance of county	938 383	936 -345	1 37	-	230 303	93 196	137 107	13	136 88	
Scioto	2,262	1,896	359	6	887	515	372	8	• 347	
Portsmouth	1,941 321	1,890	51. 308	<u>e</u> .	636 251	267 248	369 3	5	347	
Seneca	935	900	355 35	-	506	-299	207	45	- 157	
Postoria (part)	4 586	- 582	4	-	77 202	69 83	8	-	8 117	
Tiffin——————————————————————————————————	903	899	4	-	272	100	172	29	143	
	2B [	1 1	27	_	157	130 [	27   }	16 1	7	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE 31	RTRS			<u></u>	DEATES		
1		<del> </del>	Attended by-			Ι	I	n institution	
								Туре	of
ARBA	Total <sup>1</sup>	Physician	Physician		Total	Not in		instit	
1		in hospital <sup>2</sup>	not in hospital	Midwife	}	institution	Total 3	Resi-	Non-
			100px out					dent	resi- dent
OHIOContinued					]				
Stark	663 7,421	632 7,235	31 181	- z	294 2,856	185 1,337	1,519	15 316	94 1,146
Canton	4,984	4,932	50	- [	1,318	559	759	6	722
MassillonAlliance	1,249 1,055	1,243 1,047	5 7		384 334	161 173	223 161	9	160 210
Balance of county	1.33	15	119	ī	820	444	376	301.	54
SummitAkron	10,650 9,538	10,474 9,433	151 98	4	3,201 2,376	1,536 1,034	1,665 1,344	195 43	1,414 1,285
Barberton	1,076	1,041	21	2	235	137	98	1 1	88
Cuyahoga FallsBalance of county	2 34	]	30 30	z l	128 460	104	24 199	16 135	2 39
Trumbull	2,922	2,832	89	- 1	1,119	638	481	14	448
Youngstown (part)	2,839	2,829	10		604	189	415	5	409
Niles	16	-	16	-	76	76	-	- 1	-
Balance of county	67 1,624	1,510	63 112	- 1	439 764	373 466	66 298	9 26	39 254
New Philadelphia	9		9	- [	101	79	22	2	12 242
Belence of county	1,615	1,510 14	103 81		663 181	387 175	276 6	24 6	-
Van Wert	515	462	53	-	278	167	1 111	14	96
Vinton	202 145	7 9	190 135	ī	93 296	80 247	13 51	7 38	
Washington	985	828	157	-	511	361	150	6	344
Marietta	652 133	828	24 133		295 216	150 211	145 5	1 5	144
Wayne	957	810	145	-	525	363	1,62	37	107
WoosterBalance of county	810 147	807 3	3 142		209 316	93 270	116 46	37	101 6
W1311amg	415	353	61	- 1	303	235	68	1 11	38
Wyandot	410 54	331	78 54	r l	404 192	343 176	61 16	15	42
Wyamio	J*	[	J-9	- [	136	1.0	"[	] ~~ [	_
ORT-AHOMA	49,736	41,015	7,311	1,015	18,591	10,846	7,745	790	6,623
Admir	173	33	99	15	94	93	1	_ ]	_
AlfulfaAtoku	135 319	135	2	- 1	96	44	44	-	43 17
Beaver	181	108 171	198 9	8 -	97 50	80 34	17 16		76.
Beckhem	667	659	7	1	206	95	111	- 1	111
Blaine	325 714	250 457	61 250	12	1.25 250	82 194	43 56	1 []	42 54
Durant	506	456	50	<del>.</del> [	123	69	54	-	52
Balance of county	208 768	1 556	200 1.95	13	1.27 239	1.25 1.74	2 65	] []	2 64
Canadian	350	309	40	- [	178	130	48 43	3	41 39
Balance of county	322 28	308	14 26		121 57	78 52	5	3	2
CarterArdmore	748	550	181	14	323	219	104	6	98 98
Balance of county	61.1 137	546 4	58 123	7 7	239 84	136 83	103	5	-
Cherokee	676	556	84	22	148	91.	57	! -	57 27
Cimerron	456 26	227 17	152 9	68	1.88 1.9	159 18	29 1	-	-
Cleveland	742	688	50	3	392	116	276	228	45
Norman	691 51	687 1	46	3	362	57 59	225   51	177 51	45
Coal	98	S	84	3	47	47	-	-	-
Comanche	1,653 785	1,485 717	144 47	20	309 198	166 107	143 91		142 90
Balance of county	868	768	97	2	1111	59	52	-	52 4
Craig	123 338	44 305	77 31	1 .	66 295	62 91	204	1.65	26
Creek	686	434	185	56	391	317 212	74 53	-	71 52
SapulpaBalance of county	306 360	263 171	11 174	30 26	164 227	206	21	1	19
Custer	651	625	21	-	290	100	190	-	190
Delaware	98 47	4 17	77 30	6	92   58	90 55	2 3		-
Ellig	185	182	3	-	83	39	44	. <del>-</del>	44
Gerfield	1,456 1,441	1,424 1,424	30 16	2	537 444	187 129	350 315	40 6	300 299
Balance of county	15	-	14	1	93	58	35	34	1
Grady	741 780	682 598	57 181	1 1	189 318	123 195	66 123	10	56 117
Chicksha	673	597	76	-	221	99	122	-	117
Balance of county	107 6	1 1	105	1	97 52	96 52	1		-
Greer	219	167	32	-	99	59	40	ž	36
Harmon	1.09 30	68	41 18	-	54 27	38 27	16		6
Haskell	21.3	12	207	ē	71	71	- 1	] [	-
Hughes	501	355	130	12	191 161	126 113	65 48	-	64 41
Jackson	490 180	438 128	48 51.	1	62	47	15	-	14
Johnston	128	59	85	2	62	62	207	-	200
Ponca City	1,170 789	1,153 786	37 3	-	438 220	231 82	າລອ	]	137
Balance of county	381	347	34	-	218	149	69	-1	63
Kingfisher	21.8	173 1	42	3	87 li	56 1	31	-1	18

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

		LIVE BI	RTHS				DEATES		·
			Attended by-			<u> </u>	I	n institution	
AREA	Total <sup>1</sup>	Physician	Physician		<b>Total</b>	Not in institution		Type instit	
		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup>	Resi- dent	Non- resi- dent
OKIAHOMA—Continued				_					
Kiowa Latimer Le Flore Lincoln Logan Guthride	374 361 832 425 427 354	320 233 174 313 317 317	53 127 432 101 83 28	1 18 8 23 6	155 130 217 203 252 167	91 51 192 184 151 66	64 79 25 19 101 101	- - 31 31	42 79 19 18 65 65
Balance of county	73 110 255 639 402	- 170 93 161	55 109 80 389 146	17 - 2 78 70	85 47 83 219 126	85 47 73 200 315	- 10 19 10	- - 1 1	10 17 9
Marshall———————————————————————————————————	117 174 335 235 1,589 1,285	96 128 272 201 1,219 1,169	19 42 58 32 238 40	1 3 1 115	55 54 157 129 886 634	52 50 50 129 66 420 259	3 4 28 63 466 375	1 - - - 85 1	1 4 28 63 378 373
Balance of county	304 134 179 390 8,201	50 53 104 237 8,029	196 80 72 126 137	47 - 3 19	252 71 118 148 2,866	161 64 92 127 1,254	91 7 26 21 1,612	84 - - - 43	5 1 26 19 1,502
Oklahoma City	7,580 621 1,034 505 529	7,496 533 766 443 323	74 63 177 24 153	23 1 22 77 33 44	2,398 468 393 193 • 200	940 314 266 118 148	1,458 154 127 75 52	27 16 - -	1,376 126 127 75 52
Cttava- Pamee- Payme- Stillwater- Balance of county-	583 783 287 1,338 812 526	501 623 268 1,304 812 492	76 159 18 24 -	4 1 - 6 -	227 322 137 277 122 155	141 214 92 156 63 93	86 108 45 121 59 62	30 - 1 -	54 93 45 114 56 58
Pittsburg- McAlester- Balance, of county- Pentotec- Ada	938 742 196 817 750	698 697 1 714 713	190 21 169 102 37	51 15 16	563 228 135 259 195	221 101 120 161 97	1.42 1.27 1.5 98 98	16 1 15	126 126 - 94 94
Balance of county————————————————————————————————————	67 948 894 54 207	1 874 874  3	65 53 9 44 186	1 18 11 7	64 401 278 123 63	64 212 98 114 63	189 180 9	-	159 149 9
Rogers	9 469 741 347 280	417 621 337 253	8 47 59 8 13	3 45 2 14	35 204 275 93 61	35 106 202 51 32	98 73 42 29	-	98 53 40 13
Balance of county————————————————————————————————————	114 353 918 240 363	31 16 692 194 314	38 265 24 45 27	29 28 1 - 22	121 105 240 59 160	119 105 121 57 120	2 1 119 2 40	-	1 119 - 37
Tulon- Tulon- Balance of county- Waggner- Washington- Bartlesville-	6,219 5,684 535 300 726	5,837 5,525 312 50 688	288 69 199 207 38	84 62 22 38	1,950 1,718 232 87 259	890 684 206 78 153	1,060 1,034 26 4 9 106	15 8 7 -	1,033 1,016 17 - 102
Balance of county————————————————————————————————————	690 36 251 382 457	687 1 240 382 445	3 35 8 - 12	- 2 -	195 64 97 - 134 251	91 62 78 64 69	104 2 19 70 182	108 - - 1	102 - 17 55 72
OREGON	35,180	34,772	329	4	14,191	6,439	7,752	948	6,379
Benton	362 885 905 844 569	353 869 869 843 569	7 14 25 1	~ 1 ~	176 181 588 327 209	84 90 352 134 51	92 91 236 193 158	3 - 41 5 4	88 59 177 182 150
Balance of county	275 214 1,146 250 49	274 191 1,135 250 42	1 20 9 -	- 1 -	118 127 409 58 61	83 113 167 28 49	35 14 242 30 12	1 - 25 2	32 9 190 24 12
Deschutes	717 602 115 967 17	716 602 114 958 13	- - 8 3	-	170 115 55 369 13	68 32 36 197 12	102 83 19 172 1	6 6 - 63 -	96 - 77 19 106
Grant Harmy Kood River Jaokoon Kedford	182 123 387 1,361 1,134	181 121 384 1,354 1,133	1 1 6 1	] - - -	67 53 103 • 552 254	37 30 50 282 84	30 23 53 270 170	- 5 14	· 30 23 50 249 169
Balance of county	227 39 634	221 31 604	5 1 26	- 1	298 26 275	198 20 132	100 8 143	14	80 8 134

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS		DEATHS					
			Attended by-				I	n institution		
ARBA	Total <sup>1</sup>	Physician	Physicien		Total	Not in institution		Type instit		
		in hospital <sup>2</sup>	not in hospital	Midwife		in tractor	Total <sup>3</sup>	Resi- dent	Non- resi- dent	
ORECON—Continued										
Klamath Falls	1,297	1,266	. 10	-	331	147	184	յ ո	1,72	
Balance of county	1,283	1,283	10		226 105	58 89	168 16	1 11	167 5	
Lane	178 3,095	177 3,043	- 50	- i	43 904	22 491	21. 413	17	20 383	
Kugene	2.661	2,656	5		570	168	402	1 17	379	
Ralance of countyLincoln	434 345	367 334	45 9		334 163	323 135	11 48	<u> </u>	4 45	
Lim	1,233	1,226	6		425	225	200	14	160	
Marion	952 2,441	946 2,421	5 17	- 1	148 1,211	64 400	84 811	2 1 388	80 412	
Salem	2,046	2,043	3	-	869	172	697	351	339	
Balance of county	395 22	378 5	14 16	_	342 31	228	114	37	73	
Multnomah	12,373	12,325	41	-	5,493	2,195	3,298	191	2,891	
Portland	12.201	12,162	35 6		4,706	1,877	2,829	51.	2,697	
Polk	334	163 328	6	- 1	787 149	318 104	469 45	140	194 40	
Sherwan	1 453	441	1 12	- 1	7 148	7 81	- 67	-	- 67	
Unatilla	716	704	9	-	393	125	268	114	153	
Union	439 147	434 147	4	- 1	190 55	69 33	121 22	_ [	115 15	
Wascn	511	502	1	_	219	73	146	18	128	
Washington	733	726	4	-	383	222	161	26	121	
Yamhill	824	813	8	-	12 309	12 158	151	4	140	
PENNSYLVANIA	227,366	207 005	19,226	174	100 000	E7 701	E1 F57	7 007	47 700	
Adame	879	207,905	19,226	1/4	108,888	57,361	51,527	7,003	43,798	
Allegheny	34,752	33,688	1,020	35	16,040	7,667	8,373	1,091	7,226	
Pittsburgh	22,943	22,566	370	5	8,682	3,720	4,962	155	4,763	
Wilkinsburg	2,946 1,479	2,861 1,469	74 9	9	682 425	315 203	367 222	14	365 203	
BellevueBraddock	691	687	4	- 9	259	79	180		180	
Carnegie	1,431	1,417	12 10	2	317 62	67 62	230	<u> </u>	230	
Clairton	44		43	1	79	79	-		_	
Corsopolis Dormont	6		6	-	55 86	55 86	-	•	-	
Duquesne	24	] [	20	4	87	B7	-	[		
Harrison (tvp.)6	1,695   731	1,680 728	5 2	ĩ	364 224	62 51	302 173	-	302 173	
McKees Rocks	4	/20	4	- 1	84	82	2 2	] [	2/3	
Mount Lebanon (twp.) <sup>6</sup>	-	-	-	-	107	95	12	12	-	
North Braddock	2	l i	77 5	ī	52 63	52 63		] []	-	
Sheler (twp.)6	17 517	13	4	-	74	68 53	6	3	2	
Swissyole	3	515	2 3	-	116 79	78	63 1	i	63 -	
Balance of county	2,205	1,751	438	12	4,143	2,290	1,853	906	943	
Beaver	1,364 2,646	842 2,406	522 220	- 19	657 1,315	531 853	126 462	28 21	98 440	
AliquippaAmbridge	91	, <u> </u>	72	19	130	129	ī	-	-	
Beaver Falls	8 828	812	8 16		74 230	74	119 -	-	773	
Ellwood City (part)			-	-	-	-	-	-	-	
Balance of county	1,719 646	1,594 276	124 367	ĩ	881 366	539 296	342 70	21 16	321 54	
Berks	4,645	4.100	544	1	2,900	1,595	1,305	202	1,100	
ReadingBalance of county	1,982 2,663	1,881 2,219	100 444	1	1,259 1,641	689 906	570 7 <b>35</b>	193	560 540	
Blair	3,721	3,350	365	ទ	1,599	949	650	78	556	
AltoonaBalance of county	3,013   708	2,937 413	71 294	4 1	1,065 534	546 403	519 131	1 77	503 53	
Bradford	1,283	1,204	79	<u> </u>	640	356	264	36	239	
Bristol	1,828 165	1,732 158	96 7		1,095 96	768 86	327 10	50	262 1.0	
Balance of county	1,663	1,574	69	-	999	682	317	50	252	
Butler	1,717	1,457	260	-	992	564	428	44	367	
Balance of county	16	1,457	16 244	- 1	144 848	141 423	3 425	44	367	
CambriaJohnstown	5,414	4,591	81.6	5	2,039	1,080	959	132	827	
Balance of county	3,671 1,743	3,612 979	59 757	- 5	974 1,065	372 708	602 357	132	602 225	
Cameron	15	- 1	15	-	27	27	-	1 - 1	-	
Centre	677 1,962	432 1,847	244 112		556 664	400 373	156 291	74 30	82 259	
Chester	2,896	2,709	1,97	-	1,572	806	766	191	559	
CoatesvillePhoenixville	71 532	47 530	24 2		110 154	95 73	15 81	1	15 80	
West Chester	1,180	1,178	2	- 1	367	73 78	289	13	274	
Balance of county	1,113	954	159	-	941	560	381	178	190	
Clearfield	1,820	2 1,429	404 390	- 1	301 774	287 452	14 322	33	289	
Du Bois	878	865	13	- 1	237	79	158	- 1	156	
Balance of county	942   980	564 965	377 14	1	537 377	373 207	164 170	33 3	131 166	
Lock Haven	808	805	1	~	219	83	136	- 1	136	
Balance of county	174	160	13	1 !	158	! 124 i	34 1	1 3 1	30	

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	rtes		DEATES					
			Attended by-				I)	n institution		
area	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Totel	Not in institution	Total <sup>S</sup>	Type institu	of rtion Non-	
		hospital <sup>2</sup>	hospital					Resi- dent	resi- dent	
PENNSYIVANIA—Continued										
olumbiaBarwick	1,139 539	1,053 526	86 13	-	587 152	389 71	198 81	1 1	197 81	
Balance of county	600	527	73	-	435	318	1117	1 1	116	
Mandertllowers	1,907 1,330	1,826 1,323	81.		849 364	437 96	412 268	67 5	342 263	
Balance of county	577	503	74	-	485	341	144	62	7:	
Carlisle	1,909 869	1,677 844	232 25		795 260	.551 101	244 159	35	19 15	
Balance of county	1,040	833	207	<u>-</u>	535	450	85	32	4:	
Harrisburg	5,031 4,254	4,549 4,132	473 119	5	2,351 1,376	1,297 616	1,054 760	276	77: 75:	
Steeltco	26	· -	26	-	95	94	ı	- 1	,,,	
Balance of county	751 6,456	417 6,252	329 200	5 3	880 3,135	587	293	272	2	
Chester	1,865	1,754	1.08	3	717	2,047 378	1,088 339	273	78: 33:	
Haverford (twp.)		-	=	-	192	191	1	1 -	]	
Upper Darby (twp.)6	574 2,439	567 2,436	7 3	-	454 260	381. 70	73 190	1 16	174	
Lenedowne	1	i -	1	-	83	80	3	- 2		
Balance of county	1,577 887	1,495 863	81 22		1,429 307	947 158	482 149	254 7	196 141	
M6	5,321	5,167	153	1	2,149	1,172	977	اقتدا	847	
Erie Balance of county	4,584	4,528	56		1,481	694	787	34	740	
tyotto	737 4,302	639 3,335	97 932	1 30	668 1,787	478 1,182	190 605	79 67	107 539	
Comellaville	913	879	34	-	232	106	126	-	126	
UniontownBalance of county	1,697 1,692	1,661 795	35 863	30	475 1,080	159 917	51.6 163	67	314 95	
prost	38	i -	38	-	39	37	2	2	-	
Chathersburg	1,965 1,081	1,768 1,074	195 7	-	847 275	458 110	389 1.65	52	357 163	
Waynesboro	705	693	12	-	146	74	72	2	71	
Balance of county	179 112	1	176 110	ī	426 78	274	152	29	123	
reana	1,128	910	218	-	436	78 310	126	19	107	
mtingdon	977 ]	624	352	Ξ	431.	290	143	4	137	
Indiana	1,462	1,018 5	443 3	1	629 62	411 62	218	34	177	
Balance of county	1,454	1,013	440	1	567	349	228	34	177	
efferson	1,250 152	1,131	117 152	5	492 106	317 106	175	22	152	
ackevama	5,595	5,371	211	13	3,161	1,699	1,462	221	1,231	
Screaton	4,006	3,917	87	2	1,752	835	917	-	91.2	
Dickson City	710 6	697 1	13 5	-	311 43	127 43	184	"	184	
Durmore	66	56	10	-	145	318	27	23	4	
Old ForgaBalance of county	17 790	700	12 84	5 6	56 854	56 520	334	_ 198	131	
ancaster	5,452	4,440	1,011		2,283	1,264	1,019	208	798	
Lencauter	3,565 490	3,510 479	55 11	-	997	337	660	11	648	
Columbia	1,397	451	945		136 1,150	69 858	67 292	197	67 83	
wrence	2,739	2,662	73	3	964	540	424	32	388	
New Castle	1,985 711	1,952 710	29 1	3	568 132	275 52	313 80	5	3D4 80	
Ellymod City (total)	711.	720	1	_	132	52	80	<u> </u>	80	
Belance of county	1,704	1,454	43 250	. [	244 759	213 450	31	27	4	
Lebanon	1,504	1,454	50		420	180	309 240	69	240 240	
Balance of county	. 500	F F00	200	-	339	270	59	69		
Allentown	5,998 3,846	5,598 3,741	400 105		2,427 1,499	936 455	1,491 1,044	198 151	1,287 892	
Balance of county	1	- 1	1	- 1	54	54	- 1	-	-	
Izerna	2,151 8,151	1,857 7,778	294 367	4	874 4,068	427 2,567	447 1,501	47	395	
Hazleton	1,630	4 1,625	6	1	468	226	242	58 -	1,417 242	
Wilkes-Harres	3,388 g	3,309	76 9	3	1,234 88	557	677	-	677	
Kingston	1,370	1,361	91	- 1	366	88 141	225	[ ]	225	
Nenticoke	655	645	10	-	267	126	141	-	141	
Plains (typ.)d	13 15		13 15	-	115 75	115 75	<u>- 1</u>	[ []	-	
Plymouth	16	- 1	16	-	109	109	<u> </u>	[]	-	
Balance of county	1,055	840	213		1,346	1,130	216	58	132	
Coming	2,569 1,942	2,438 1,907	130 35	1	1,171 683	651. 293 <sup>-</sup>	520 ' 390	46 5	462 384	
Balance of county	627	533.	95	ı	488	358	3.30	41	78	
Bradford	1,292 6B1	1,266 679	26 2		540 225	289 103	251. 122	15	235	
Balance of county	613	587	24		315	186	122	15	122 113	
TCOT	2,924	2,824	100	-	1,104	605	499	57	428	
SharonFarrell	1,591 7	1,583	8 7		394 61	123 61	271	6	265	
Balance of county	1,326	1,241	85	- 1	649	421	228	61	163	
Ifflin	1,330	1,059	271	- 1	474	252	222	5	217	
Balance of county	3D1 1,029	277 782	24 247		90 384	68 184	203	5	22 195	
	,	754	77		404	282	122	6	131	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

	e of occurrence.	LIVE BI			<del></del>		DEATHS		·
	<u> </u>	1				ri		institution	
			Attended by			ļ ļ			
ARTEA		Ì				Not in		Type institu	
	Total <sup>1</sup>	Physician in	Physician not in	Midwlfe	Total	institution	Total <sup>3</sup>		Non-
		hospital <sup>2</sup>	hospital				[	Resi- dent	resi- dent
PENELYLVANIA—Continued									
fontgomery	6,690	6,526	164		3,483 548	1,795 256	1,688 292	088 2	1,275 282
Lower Merica (twp.)	1,648 1,785	1,641 1,776	7 9	- [	810	219	591	289	300
Ahington (two.)6	1,513	1,509	4 3	_ [	529 147	162 122	367 25	18 4	344 21
Cheltenhem (twp.)	19	]	19	-	75	75	-	-	-
Pottstown	1,314	1,304	1.0 112	_	331 1,043	135 826	196 217	67	196 130
Iontour	1,133	1,079	54	-	478	95	385 393	168 49	217 331
WorthamptonBethlehem (part)	2,552 80	2,272 65	27B 14	1	1,388 222	995 219	395	-	2
Bethlehem (total)	81	65	1.5	ı	276	275 225	3 79	- 8	2 65
Balance of countr	550 1,922	518 1,689	31 233	-	302 864	553	311 ]	41	264
[orthodorland	1,639	1,330	308	- [	1,170	886 100	284	39	244
Mount Carmel	26 21	]	26 21		100 158	158	I	<u>-</u>	-
Suphrer	628	599	28	- [	261	123 505	138 146	- 39	136 106
Balance of county	964 183	731	233 183		651 185	181	4	4	200
Philadelphia, coextensive with	1 1					9 940	15 685	1 349	14,049
Philadelphia (city)	48,178 21	46,702	1,435 20	32 ~	24,605 79	8,940 79	15,665	1,342	
Pot.ter	261	223	37	Į.	159	110	49 911	10 146	39 764
Mahanoy City	4,213 19	3,686	525 17	2 1	2,340 90	1,429	311	-	
Pott pg 171p	1,746	1,743	3	-	501	173	328	[ - ]	327 5
Shenandosh	15 10	2	13 9		130 73	125 73	5 -		
Balance of comty	2,423	1,959	483	1	1,546	968	578 42	146 40	433
ingder	123 1,840	1,376	121. 464	_	209 754	166 502	252	39	21.1
in]] [van	26	-	25	-	56	56	48	- 8	29
Susquehama	387 824	220	167 142	-	292 416	244 269	147	5	132
Milm	747	684	65	-	250	172	78	7	64 290
Venango	1,463 863	1,401 854	62 9		767 268	376 122	411 166	115	166
Balance of county	600	547	53	-	499	254 253	245 406	115 252	124 137
Werren	690 625	624 622	65 3	1	659 223	78	145	-	134
Balance of county	65	2	62	1	436	175	261 657	252 91	3 562
Washington	4,832 1,403	4,278 1,370	552 33	1 -	1,848 420	1,191	238	7	226
Canonaburg	796	786	10	-	142 56	67 56	75	] [	75
Charleroi	5 5	] [	5		60	60	- 1	-	
Balance of county	2,623	2,122	499 83	1	1,170 579	826 280	344 99	84 53	259 43
Wayne	298 6,007	215 5,356	642	4	2,622	1,663	959	257	693
Armold	1 224	1 014	9	-	32 351	32 115	236	ī	23
Greensburg	1,824	1,814	1.9	-	87	87		-	
Latrobe	1,159	1,150	8 31.	- 3	221 101	54 98	167 3		16
Monessen New Kensington	34 1,477	1,465	1.2	-	31.2	1.28	184	-	18
Vandergrift	35 1,455	926	34 525	ī	47 1,471	1,102	369	256	10
Balance of county	271	206	64		179	156	23	i - I	
York	4,715 2,436	3,505 2,153	1,209 262		1,908 767	1,293 401	615 366	66 2	53 35
Hanover	1,033	994	39	-	211	92	119	1	11
Balance of county	1,246	358	888	-	930	800	150	64	5:
RHODE ISLAND	17,202	16,908	259	10	8,125	4,305	3,820	588	3,22
Bristol	18	-	11	7	154	141	1.5	7 7	
Bristol (town) Balance of county	12 6	-	8 3	4 3	67 87	60 60	7 6	7	
Cent	227	198	29	-	490	453	45	7	3 <sup>-</sup> 20
Warwick	24 192	11 187	13 5	-	256 122	235	21 1		
Balance of county	11		11	-	120	97	23	7	1
Newport	1,316 1,309	1,502 1,502	14 7		618 479	279 155	339 324	10 5	32 31
Balance of county	7	-	7	-	139	1.24	15	5	1
Providence	14,307 10,364	14,076 10,288	203 53	3 2	6,396 3,191	5,188 1,437	3,208 1,754	554 136	2,64 1,61
Central Falls	454	400	34	-	166	138	28	-	2
Cranston	235 5	227	7	1	939 200	253 188	686 . 12	325 4	35
East Providence (town)	1,680	1,629	51	[ - ]	793	426	367	47	33
Woonsocket Cumberland (town)	1,555	1,532	23 11	_	499 86	260 86	239 2	9 -	23
Johnston (town)	1	]	1	-	60	60		-	
Lincoln (town)	2	-	1 1	-	76 85	75 80	1 5		
		II -	17		299	185	224	33	7
Balance of county	18	-		•					
Belence of county	18 1,334 623	1,332 623	2		459 168	244 74	21.5 94	10	200

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

1		LIVE BI	RTHS				DEATES			
			Attended by-				r	n institution	on	
area	Total <sup>1</sup>	Physician in	Physician not in	M1dw1fe	Total	Not in institution	Total <sup>S</sup>	Type institu	of ution	
		hospital <sup>2</sup>	hospital				10041	Resi- dent	Non- resi- dent	
SOUTH CAROLINA	58,124	30,592	10,581	16,845	17,917	11,747	B,170	524	5,	
bevf11e	409	155	131	123	196	151	. 45	-		
llendalo	1,215 307	515 1	413 44	285 262	460 115	381 115	79			
Anderson	2,374	1,651	516	207	724	454	270	] [		
Balance of county	1,534   840	1,426 225	77 <b>43</b> 9	31 176	429 295	159 295	570	- [		
amberg	353		97	256	109	109				
enfort	447		113	327	152	152	-	- 1		
rkeley	789 866	31.2 206	26 19	448 639	257 256	224	33	-		
Thoun	391	-	9	382	109	215	41			
charleston	5,055	3,132	734	1,188	1,599	858	741	1		
Balance of county	3,621 1,434	2,815 317	676 58	130 1,058	1,103	419	684	-		
erokee	851	608	210	31	496 229	139 149	. 57 80			
ester	706	266	115	325	225	183	42	1 2		
esterfield	704 767	-	571	133	209	209	-1	-1		
lleton	801	363	. 70 74	696 363	217 251	217 190	ត	-]		
rlington	1,468	563	491	474	358	285	72			
Tilon	965	531	71	362	209	7,68	41	-		
gerield	664 449	197 49	110 297	357 103	174 116	140	34	-		
irfield	554	84	211	259	138	114 137	2			
Plomoses	2,581	1,205	537	839	818	431	387			
Florence Balance of county	1,333 1,248	1,096 109	42 495	195	500	149	351	-		
orgetown	763	103	238	644 518	31,8 206	262 203	36 3	3		
eenville	4,724	4,009	486	217	1,346	733	613	2		
Balance of county	2,525	2,353	41	130	740	241	499	-1		
cenwood	2,199 1,097	1,656 820	445 123	87 154	606 363	492 232	114	2		
Greenwood	799	760	6	33	233	102	131	- 1		
Balance of county	298	60	117	121	130	130				
orpton	412 1,711	1,107	133	278	172	172	=!	-		
naper	339	1,107	303 33	501 133	383 134	266 94	117   20	-	•	
rshaw	868	345	B1.	441	285	207	78			
mcaster	1,056 804	629	64	164	205	139	66	-		
18	623	311	159 153	334 470	316 161	240 155	76 6	10		
exington	732	206	335	211	259	251	š	2		
Cornick	319		288	31.	96	96	-1	-		
r1boro	1,426	989 527	. 229 345	207 240	33S 343	230 247	105			
wberry	829	494	45	290	223	162	96 61	4		
Obse	953	640	182	129	261	194	67	1		
Orangeburg	2,168	631	190	1,544	688	469	219	-		
Balance of county	772 1,396	631	17 173	124 1,220	292	77 392	215	-1		
lckens	648	142	471	35	213	195	18	-1		
chland	4,519	3,562	197	755	2,292	663	1,629	495	1	
Balance of county	3,486 1,033	3,062 500	105 92	317	1,341	454	887	177		
lude	290	500	186	438 97	951 103	209 103	742	318		
artenburg	3,741	2,637	951	152	1,044	62.6	428	ī		
Spartenburg	2,680	2,485	158	37	595	185	430	7		
Belance of county	1,061	152 989	793	115	449	431	18	1		
Sumter	1,108	989 987	61 11	916 109	496 247	315 66	181 181	-1		
Balance of county	929	2	50	807	249	249	101	-1		
100	799	443	173	183	230	174	56	괴		
lliemsburgrerk	1,564 1,884	426 1,445	176 154	962 284	365   497	271 328	94	اء		
Rock H111	531	512	14	5	130	78	169 52	-		
Balance of county	1,353	933	140	279	367	250	317	z		
SOUTH DAKOTA	,, ,,					[	- 1	I		
DOUTH THROTH	16,344	15,232	995	42	5,711	2,698	3,013	258		
astrong	-11	_	_	_	_	_]	_1F			
rora	. 44	27 -	17	-1	30	28	2	-1		
Huron	693	680	9	ā[	210	70	140	-		
Balance of county	689	680	7 2	2	191	51.	140	-		
mett	25	19	4	51	19 10	19	ill	-1		
1 Homme	191	152	35	4	58	51.	7	]		
ookings	481	469	12	-1	141	60	81.	3		
Aberdeen	1,149 1,146	1,143	6	-	338	9D	248	8		
Balance of county	7,140	1,143	3		302 36	· 60	242	3		
ulo	2.13	108	4	ᆲ	45	3D 25	20	2		
ffelo	41		-1	7	4	. 4	-11	7		
mbell	226	209	16	-	58	26	30	-		
arles Mix	290	251	3 36	;	18 108	18 74	-:	-		
erk	41	251	26		108 48	74 48	34	7		
ay	225	221	4	]	72	. 42	30	]		
dington	886	681	Ã	1	211	42 77	134	7		
Watertown	886	681	4	3	195	62	1.33	-1		
Balance of county		•			16	15				

Table 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE B	RTES				DEATES		
	· · · · · · · · · · · · · · · · · · ·		Attended by-				1	n institution	
ARRA	Total <sup>1</sup>	Physician	Physician		Total	Not in institution	- 3	Type instit	
-		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup>	Resi- dent	Non- resi- dent
SOUTH DAKOTA—Continued								ļ	
Custer	20 958	956	20 2	-	46 266	28 56	18 210	-	18 205
Mitchell	956 2	955	1	-	254 12	44	210	s	205
Day	283	269	14	-	98	12 55	43	[]	42
Devey	19 72	1 62	18 8	2	43 24	43 15	9		-
Douglas	4	2	2	-	25	25	-	] []	9
Fall River	143 437	24 433	119	-	46 192	29 34	17 158	6	16 151
Faulk	74	70	4	7 -	33	14	19	-1	19
Gregory	216 252	189 219	27 32	-	71. 80	48 40	25 40	-	22 40
Haskon	48	38	10		15	15	- T	-	**·
Hand	60 172	54 170	6 2	- 1	48 49	54 : 30	14 19	4	9 1.2
Henson	14	2	10	ī	17	17	1.9		16
Harding	7 467	5 461	2 5	-	12 115	12 27	- 88	-	87
Hutchinson	361	335	14	7	B1	52	29	] - [	28
HydeJackson	16	8	8	-	11	11.		<u> </u>	-
Jerauld	49 93	46 89	3 4	Ī	12 46	21	8 25	1 [1	8 25
Kingsbury	66	66	- 1	-	21	11	10	-	10
Lake	111 363	55 317	56 65		81 124	70 74	11 50	2	5 50
Lawrence	504	486	17	1	167	85	62	5	76
Lyman	199 28	163 24	36 4		100 16	65 15	35 1	2	33
McCook	21	-	21	- 1	44	43	1	l <u>-</u> l	_=
McPherson	232 292	218 269	10 Z1	1	73 84	31 43	42 41	10	32 41.
Meade	109	107	1	- [	60	39	21	19	-
Molletto	22 91	62	4 29	1	34 36	28 31	6 5	1 1	5
Minnehaha	2,363	2,337	26	-	760	236	524	16	504
Sioux Falls	2,278 85	2,271	7 19		680	176 60	504 20	2	466 18
Moody	156	130	26	-	57	37	50		20
Pennington	1,123 953	1,052 886	69 65		322 254	122	200 180	10	185 173
Balance of County	170	166	4	- 1	68	48	20	5	12
Potter	156 155	143 123	12 32		52 39	27 16	25 23	[]	19 23
Roberts	266	256	7	- 1	119	67	52	-	47
SanbornShanmon	2 169	- 161	2	2	18 51	18 12	- 39	l :1	- 39
Spink	174	157	12	4	107	69	38	1,8	19
Stanley	- 9	- 6	3	:1	12	12	- 1	[ ]	_
Todd	102	83	4	4	39	23	16	- }	16
Turner	106	208 97	2		62	38 72	24 8	[]	22 5
Union	17	ี มี	6	-	55	55	- 1	-	-
Washabaugh	349	346	2	1	68 2	36 2	32	<u> </u>	31.
Washington	3		5 T		1	1	- ]	-	-
YanktonZiebach	717	707	6 9	4	312 14	55   12	257 2	150	107 2
TRNNESSEE	50   84,153	40 58,339	19,255	4,945	29,774	18,403	11,371	1,060	9,915
Anderson	1,505	965	487	51	267	187	80	<del>                                     </del>	80
Bedford	565	426	127	11	211	154	57	-	57
Bledsoe	190   277	122 82	40 164	28 30	82 75	80 65	2	] []	2
Blount	1,369	1,127	221	19	345	246	99	1	57
Bradley	958 775	657 657	243 92	57 26	264 152	206 96	58 56	1 1	55 55
Balance of County	183	-	151	31	112	110	2	1	_
Campbell	1,217	649	529	34	352	225	127	2	100 34
Carroll	279 550	243 222	26 318	10	103 203	69 197	34 6		-
Carter	1,078	859	169	49	256	168	88	-	87
Chester	106 239	88	101 134	5 16	49 76	49 76		- 1	-
Claiborne	418	134	214	66	1.63	140	23	-	23
Cocke	178 626	1 189	132 368	35 65	49 242	189	53	[]	39
Coffee	527	408	102	16	148	134	14	-	13
Cumberland	330 440	112	303 228	26 96	120 119	120 106	13	:	1.3
Davidson	8,022	7,626	317	18	3,557	1,558	1,999	302	1,587
Mashville	7,172 850	6,908 718	295 112	14	2,556 1,001	1,100 458	1,456 543	258	1,309 278
Decatur	203	47	145	9	65	65	-	-	-
Dickson	94 506	3 268	78 228	13 8	89 185	89 170	15	1	6
Dyer	880	51.4	320	44	291	232	59	1	58
Dyersburg	597 283	51.2	260 60	24 20	148 143	90	58 1	- 1	58
Balance of County	285 11	21	260 1	20 1	143 11	. 1461	- 1		_

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS				DEATES		
		1	Attended by-				Ix	institution	
ANNA			-			Not in		Type institu	of
	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	institution	Total		Non-
		hospital <sup>2</sup>	hospital					Resi- dent	resi- dent
TEMBESSEE—Continued						ļ.			
Fayetto	812	74	163	569	226	208	18	-	18
Fentress	392 654	212 536	89 62	92 · 55	82 244	78 190	4 54		52
Gibson	1,344	926	375	41	418	321	97	-	96
G1186	593	308	214	70	252	204	48	• 1	44
Grainger	219 1,170	936	202 166	1.7 67	.98 .391	98 225	166	i	165
Grandy	305	152	129	24	91	85	6	1	_
Hamblen	609	512	69	28	192	113	79	1 52	76' 1,196
Hamilton————————————————————————————————————	8,180 5,607	5,296 5,185	718 307	133 89	2,302 1,911	1,018	1,264	9	1,157
Balance of county	573	7,111	411	45	391	300	91	43	39
Hancock	229	42	48	37	54	53	1 1	226	-
Hardenan	534 272	1 1	349 : 229	181. 42	381 121	155 120	226	1	
Haviting	551	234	265	52	215	179	36	-	35
Hawrood	992	361	203	427	260	189	71	5	66 12
Henry	466 516	301 268	148 244	15 4	. 125 240	184	14 56	ī	55
Hickman	227	97	83	44	ao (	73	7	- 1	-
Houston	97	-	79	18	42	41	1 1	1	-
Humphreys	211	132	77	2 54	· 96	94 78	2 2	2	-
JacksonJefferson	246 511	521	190 182	8	168	128	40	-1	31
Johnson	288	1.63	94	31	79	74	5	209	1 972
RIOR	5,992 5,413	5,072 5,070	871 331	47 12	2,209 1,559	994 594	1,215	209	951
Encaville	579	3,0,0	540	' 35	650	400	250	208	,41
Talra	358	56	260	42	72	. 70	2	-1	-
Lauderdalo	468	454	336 328	148 21	182 216	182 166	50	- 5	47
Lowence	804 277	251	38	7	50	45	"š	-	3
Lincoln	723	579	134	8	290	188	102	1	101
Loudon	560	331	218 111	10 13	183 276	150 181	33   95	<u>-</u>	33 93
McKinn	910 480	786 201	225	53	134	133	~~~i	- 1	-
Macon	248	46	186	15	207	207	<del>-</del>	-	-
Modison	1,615	1,009	246 102	358 118	61.7 435	43.8 236	199 199		199 199
Balance of county	1,228 387	1,008	144	240	182	182		- 1	
Marion	428	95	336	16	119	118	1 1	<b>-</b>	_=
Marshall	461.	390	65	8	175 360	117 296	56 84	3	58 61
Maury Columbia	985 635	568 - 568	545 50	73 17	159	98	61	1	61
Balance of county	350	-	293	56	201	198	3 3	3	
Meige	70	1	58	30	25 207	25 154	53	[]	55
Montgonery	715 981.	362 581	278 312	74 87	312	251	61	ī	60
Clarkovillo	722	560	103	39	173	113	60		60
Balanco of county	259	1	209	48	. 139 33	138 33	1 1	1	-
Noore	23 290	_	25 244	46	100	99	l il	ī	
Chion	500	502	192	. 6	246	218	28	3	25
Overton	506	208	244	53	137 27	114 27	23	[]	13
PerryPickett	79 62	1 :	74 74	5 8	27	27	[	_ [	-
Polk	416	1298	105	12	101	85	16	1	15
Putnam	824	548	217	58	186 137	346 117	20	2	38 17
Mhea	376 1.247	148	135 159	75 35	308	186	122	l il	120
Robertson	632	389	234	Ĩ	197	171	26	1 1	25
Rutherford	842	697	374	29	366 125	256 106	130 19	43	85 1.9
Bcott	631·	374	155 139	201 17	30	30		-	
Sevier	157 643	454	100	ŝi	199	140	59	] 1	58
Shelby	15,178	11,044	672	227	. 5,242	2,112	3,130	173	2,931
Memphis	12,019	10,609	470	40	4,292	1,746 366	2,546 584	15   158	2,510 421
Balance of county	1,159 163	435	202 159	187 3	950 108	109	30%		-
Stauart	344	1	138	5	69	69	<u></u> -	! <u>-</u> !	
Sp11 (way	2,324	1,879	3R1	59	549	337	212	1 1	207 2
Bristol.	91.	1,662	68 32	8 1	98 258	84 61	207	[]	205
Kingsport	1,896 337	1,002	281	ร์จ	193	392	1 1	1 1	-
C	624	385	212	27	271	241	30	5	55
Tipton	720	60	471	177	200	197	3	1	
Trousdale	134 420	49 315	80 73	5 32	34 116	34 85	31	] [	31
The Continuous and a second se	11.7	-	94	23	57	57	-	j -	-
Ton Tones	55	-	37	14	23 173	23 139	34	] [	31
Vg	695	521 1,303	168 309	5 25	649	323	326	•	325
Washington	1,638 1,386	1,300	75	10	467	141.	326	-	325
Relance of county	252	3	234	15	182	182	1	-	
Wayna	345	185	102 137	56	81 263	65 230	16 33	3	29
Weakley	442 452	305 255	175	21	130	100	30	-	30
Williamson	554	433	106	15	200	160	40	6	· 28
Wilson	850	749	78	l 14.	30B	200	1 308	1	708

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

(By place	. di occurrence.			I LIAN ALLA UL GE	deaths among armed forces overseas)  DEATES					
	<del> </del>	LIVE BI				T				
ŀ			Attended by-				I:	n institution		
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu		
	1000	in	not in	Midwife	1000	institution	Total <sup>3</sup>	7	Hon-	
1		hospital <sup>2</sup>	hospital				Į	Resi- dent	resi- dent	
						-				
TEXAS	196,347	148,012	25,315	21,138	64,077	38,332	25,745	1,626	23,513	
AndersonPalostine	753 579	485 485	109 44	154 50	315 215	216 116	99 99	1 1	90 90	
Balance of countyAndrews	174	-	65	104	100	100	- 1	- 1	-	
Angelina	121 934	117 822	4 94	17	25 258	23 156	2 102	-	100 2	
AraneaeArcher	28 37	1 32	26 5	1	30 31	30 23	- 8	l <u>-</u> l	7	
ArmstrongAtascose	2	-	2	-	10	1.0	-	-	-	
Austin	497 304	134 128	262 129	89 44	148 150	122 123	26 27	[	24 27	
BaileyBandera	149 42	149 36	1 4	-	34 36	16 31	18 S	- 1	3.9	
Bastrop	489	267	209	110	214	171	45	-	38	
Beg	146 636	143 331	3 166	136	47 21,6	26 152	21 64	[ : I	21 63	
Bell	1,546	1,229	276	35	650	275	375	1	374	
Belence of county	795 7 <b>5</b> 1	655 574	113 163	26 9	437 213	123 152	31.4 61	ī	33.4 60	
Sen Antonio	15,093 14,269	10,539 10,039	1,201 1,099	3,263 3,064	4,758 4,215	2,473 2,242	2,265 1,973	227	1,930 1,864	
Balance of county	824	500	112	199	523	233	292	220	66	
BlancoBorden	89	78	8	2	27	18	9	1 :1	9	
Bosque	298	287	11	-	122	89	33	1 - [ ]	52	
Bowle	1,052 606	561. 484	201. 34	285 83	433 255	337 164	96 91	1	91 88	
Halance of county	456	77	167	202	178	175	5	1 1	3	
Brazos	1,028 1,194	907 897	40 31.	74 256	239 266	157 192	82 74	7	72 73	
Balance of county	1,065 129	897	21 10	141 115	193 73	120 72	73 1	l - I	72 1	
Brevster	244	1.08	105	14	73	61	12	] - [	12	
Broks	21. 334	13 259	7 14	22	20 81	16 75	4 6	l <u>-</u> l	- 5	
Brown	761	725	22	14	260	134	126	2	112	
Balance of county	743 18	71.3 12	18 4	15	204 56	86 48	179	2	109 3	
Burnet	202	148	86	102	117	115	2	-	-	
Caldwell	594	249	43 262	6 58	85 200	81 138	4 62	[]	60	
Callahan	131 117	107	117 10	10	46 66	45 52	1 14		1.4	
Cameron	4,951	1,451	1,156	2,126	1,172	898	273	7	249	
Brownsvills	1,416 1,092	595 856	120	686 1.8	361 267	262 101	99 1.66	7	90 159	
Balance of county	2,453 320	2	830	1,422	543-	535	8	-	-	
Carson	77	258 77	18	41	81 28	68 15	15 15		13 13	
Castro	664 75	402 73	107 2	145	219 16	182 13	37 3	-	36 3	
Chembers	95	54	1.8	23	37	34	3		3	
Childress	981 220	635 206	155 11	88 2	586 87	225 72	361 15	217	142 11	
Cochren	33	9	24	~	45	45	-	-	-	
Coke	141 50	137 38	1 12	1 -	38 15	29 9	9 6	1 [	4 5	
Colin	331. 766	285 574	44 184	- 8	133 495	83 254	50 241	1 1	48 238	
Collingsworth	229	215	15	i	68	42	26	-	26	
Consel	327 453	231 279	20 130	76 32	165 151	147 94	18 57	-	17 57	
Comanche	126	115	12	1.	105	94	77	- I	11	
Cooke	53 559	26 508	15 40	9 10	18 202	15 141	3 61		5 61	
Cottle	295	275	10	~	123	87	36	1	35	
Crane	158 87	1.21 87	35 -	1 -	64 23	32 16	32 7	:	<b>32</b> 5	
CrockettCrosby	50 271	217	45 49	5	12 75	12 58	17	i - I	17	
Culberson	37		37	5	10	10				
Dellas	7 14,292	13,506	7 731	45	28 4,645	28 2,386	2,259	31	2,184	
Dallas	13,876	13,375	465	27	3,911	1,753	2,158	6	2,114	
Highland Park	-	-		_	61 70	61		! []	-	
Balance of county	41.6	130	266	18	603	502	101	25	70	
Dear Smith	71.0 264	592 217	69 39	48 2	176 55	88 46	88 9	[	84 9	
Delta	110	61	44	5	55	50	5	-	5	
Denton	769 537	634 518	135 10	2 2	329 191	202 82	127 109		123 109	
Denton			1 776	1	138	120	18	-	34	
Balance of county	232	116	115					10		
Balance of county De Witt Dickens	232 521 104	274 62	148 35	67 6	265 51	174 42	91 <b>9</b>	12	77 8	
Balance of county	232 521 104 298	274 62 1	148 35 215	67	265 51 76	174 42 76	91		77	
Balance of county	232 521 104 298 50 467	274 62 1 33 128	148 35 215 13 207	67 6 76 4 103	265 51 76 28 99	174 42 76 28 90	91 9 - - 9		77 8 - - 9	
Balance of county————————————————————————————————————	232 521 104 298 50	274 62 1 33	148 35 215 13	67 6 76 4	265 51 76 28	174 42 76 28	91 9 - -	-	77 8 - -	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	ries		· · · · · ·		DEATHS		
			Attended by-				I	n institution	
AREA	Total <sup>2</sup>	Fhysician	Physician		Total	Not in institution	_	Type instit	of ution
•		in hospital <sup>2</sup>	not in hospital	Midwife		-	Total <sup>3</sup>	Resi- dent	Non- resi- dent
TEIAS-Continued									
Ellis	914	697	167 459	57 632	414	332	102	a	93
EL Paso	6,821 5,066	5,673 4,426	120	502	1,691 1,382	813 577	878 -805	2 -	872 803
Erath	1,755 381	1,247 360	339 21	130	309 149	236 100	73 49	[ 2	69 47
Tella	649	404	71	164	358	228	130	1 -	128
Payette	622 410	468 275	135 72	19 45	317 251	245 173	72 78	- 2	58 75
Figher	278	267	3	-1	70	30	40	] -1	36
Floyd	169 77	136 59	29 17	3	63	51 32	12 1		11
Fort Bend	624	350	1.58	100	270	194	76	Z	72
Treestore	75 298	52 141	17 57	4 94	48 138	39 314	9 24	-	8 19
Frio	400	65	201	1.30	301	89	12	-1	8
Galveston	266   2,972	255 2,883	11 84	ī	71 1,256	54 479	17 777	- B	16 767
Galveston	2,386	2,313	69	-1	1,085	360	725	6	73.8
Gerza	586 97	570 1	15 87	1 9	171 27	119 27	52	2	49
GillespieGlasscock	352	344	4	3	122	82	40	-	40
Galind	110	ī	86	- 16	6 51	6 51.		:	-
Gonzoles	486 735	183 701	230	52	231	197	34	-	32
Pampa	735	687	34 24	-	181 161	71 52	110 109	] []	109 109
Balance of county	. 24	14	10	-	20	19	1	-	-
Denison	1,648 669	.1,490 647	128 11	28 11	720 257	397 119	323 138	2 2	316 134
Sherman	797 182	765 78	20 97	끄	309	128 150	201	- 1	160
Gregg	1,760	1,602	32	115	154 467	247	220	1	2 220
Balance of county	1,025 735	934 668	21. 11	67 48	221	93 154	128	- 1	128
Grings	402	250	23	13.6	246 168	125	92 43	-	92 42
Gundalupe	636 659	212 555	363 82	55 20	262 218	217 116	102	-	45 101
Hall	300	251	44	5	94	53	41		40
Hensford	192 29	172 20	20 6	2	106	76	30	-	30
Hardonan	283	271.	12	- 1	6 94	3 47	3 47	-	47
Hardin	413 19,475	204 18,384	198 479	8 576	147 6,039	144 2,816	3 3,223	16	2 3,147
Houston	17,450	16,624	329	468	5,297	2,350	2,947	11	2,909
Ralance of county	2,025 1,184	1,760 531	150 69	108 556	742 434	466 308	276 128	5	238 126
Marchall	716	531.	38	` 140	280	154	126	-	126
Hartley	468 221	21.6	31 5	416	154 50	154 3	47	- 1	47
Enskall	236	223	6	.6	85	45	40	-	40
Hemph111	431. 72	217 68	165	34	· 145	111	34 4		33 4
Henderson	488	289	126	71	181	166	3.5	-	15
McAllen	6,779 1, <b>1</b> 08	1,790 574	2,211	2,5 <del>11</del> 310	1,814 269	1,401 158	413 111	4	397 108
Balance of county	5,671 499	1, <sup>1</sup> 216 257	2,000 195	2,234	1,545 274	1,243 228	302	4	2B9
Hockley	428	388	26	10	90	56	46 34		46 34
Hood	66 498	49 453	17	ات	40 195	38   139	. 2	±	1
Houston	547	266	152	122	194	156	56 38.		54 37
Big Spring	697 693	627 627	43 40	26 25	245 194	101 79	144	29	115 115
Belance of county	4	-	3	ī	51	22	29	29	-
Hudspoth	152 1,028	767	143 244	7 15	17 i. 393 i	17 275	1120	-	110
Greenville	723	568	144	9	199	115	84	_	82
Hutchinson	- 305 944	199 935	200 j	6	194 125	160	· 34 81	-	29 80
Borgar	798	789	9	- [	101.	36	65	_ ]	64
Balance of county	146	146	. 12	3	24 11	-11 -11	16		16
Jack	124	120	4	-1	67	59	ē		8
Jackson	· 202	1 328	180 190	21 72	75 190	75 169	21	· <u>-</u>	19
Jeff Davis	45	-	43	2	. 11	21.	- !		-
Jefferson	5,310 2,877	4,609 2,547	542 127	328 202	1,486   889	808   438	678 451	1.3 8	651. <b>43</b> 7
Port Arthur	2,213	2,027	128	28	415	. 225	190	1	186
Jin Hogg	220 125	35	87 55	98 7D	182 33	145 33	37	4	28,
JIM WOLLS	900	556	220	1.08	206	135	71	- 1	73.
Johnson Cleburne	678 591.	597 550	66   30	15 11	· 281	209   94	72 68		62 . 59
Balance of county	87	47	36	4	119	115	. 4		3
Jones	413 472	346   165	56 239	10 58	171 134	107 115	64 19	-	64 19 ,
Kaufman	713	486	155	71	499	212	. 287	195	85
Balance of county	397 316	359   147	35 120	23 48	334   165	67   145	267   20	194	7). 14
,		<del></del>	,	-5-		2001		· - i	

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

		LIVE BI	RTAS				DEATHS		
	1		Attended by—				Ir	institution	
		<u> </u>		· · · · · · · · · · · · · · · · · · ·				Туре	of
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in	_ !	instit	ution
		in	not in	Midwife		institution	Total <sup>3</sup>	, Resi-	Non-
		hospital <sup>2</sup>	hospital					dent	resi- dent
<u> </u>									dent
TEXAS Continued		i							
Kendall	42	2	25	14	49	49	_ [	_	
Kenedyanaaaaaaaaaaa	6	-	3	3	2	2	-	-	
Kent	23 288	18 203	73	1 1	11 289	11 95	194		19
Kimble	58	- 203	54	2	20	20			_
King	3	-	. 3	- 10	5	5 15	- 1	<u>.</u>	
KimeyKieberg	39 676	550	18 96	19 27	15 145	77	6B	_	6
Knox	318	273	26	19	78	44 286	34 231	-	32 22
Paris	1,296 966	939 784	250 151	97 27	517 380	164	216	[	21
Ralance of county	330	155	99	70	137	122	15	-	1
Lenb	739	684 194	15 41	37 1	160 96	56 76	104 20	] [	10 2
lanpasa	236 297	93	98	90	64	84	- [		
Iavaca	659	559	56	41	252	144	108	<u>1</u>	9
Lee	77 158	_	39 62	36 93	68 114	68 114	-		
Liberty	852	741	29	80	229	103	126 64	12	12 5
Limestone	479	251	147	76	257 25	193 25	6/4	4	: :
LipsombLive Oak	53 203	51 71	99	31	72	64	e	-	
Il ange	104	86	18	-	47	46	1	<u> </u>	
Lubback	2,963	2,445	454	51	- 653	307	346	[ - ]	34
Labbock	2,514	2,226	269	17	5 <b>3</b> 6	221	315	-	31 3
Balance of county	449	219	185 23	34 24	117 51	86 39	31 12	] [	1
Lynn	177 403	125 374	24	3	139	87	52	2	4
McT.ennen	2,980	2,523	232	208	1,177	689	488 393	93 1	37 37
Vaco	2,667 313	2,484	79 153	100 108	819 358	426 263	95	92	J.
Balance of county	18	39	9	6	6	6	-	-	
Medison	137	65	17	55	84	83 83	1		
Marion	240 154	87 115	76 5	75 2	84 31	25	6	- ]	
Magon	30	-	28	2	33	33	ا م	-	6
Matagorda	630	424	139 88	62 217	182 126	120 106	62	1 -	2
Maverick	408 497	82	107	83	1.33	103	30	- 1	2
Menerd	76	-	70	5	24	23 82	1 47		4
Midland	528 512	490 330	112	20 54	129 227	189	38	_	3
M51] 6	10	5	5		38	38	.:	-	4
Mitchell	348	31.8 286	22 43		119 151	76 117	43 34		3
Montague	329 535	379	72	75	204	1.33	71	] -	6
Moore	148	111	37	-	44 66	38 63	6 3	-	
Morris Motley	128 161	38 151	55 9	32 -	39	20	1.9	-	1
Wacondoches	702	528	121	48	21.5	133	82 103	-	8 10
Wayerro	917	682 682	139 32	92 15	391 259	288 156	103	-	100
CorsicanaBalance of county	732 185	- 002	107	77	132	132	~	[ - ]	
Weston	166		83	79	64 181	64 80	101		10
Nalan	537 389	525 377	12 12	_	181 126	47	79		7
Sweetwater	148	148	-	-	55	33	22		53
Nueces	5,287	3,619	621 167	986 609	1,150 849	607 389	543 460	1	44
Corpus Christi	3,964 1,323	3,179 440	167 454	377	301.	218	83	-	
Balance of county	268	260	В	-	60	22	38		3
Oldham	1 07:	1,157	- 19	96	7 190	90	100		9
Orange	1,274 440	426	14	-	196	120	76	1	1
Panola	153	2	65	78	120 165	120 116	49	] -	
Parker	338 52	322 50	16	1 :	20	15	5	-	
Parmer Pecos	255	98	118	35	52	43	9 23	_	;
Polk	398	276	61 41	52 1	158 640	135	438	ī	43
PotterAmerillo (part)	2,361 2,361	2,316 2,316	41	i	594	199	395	-	39
Amerillo (total)	2,361	2,316	41	1	596	201	395 43	ī	35
Relance of county	232	3	146	en en	46 37	37	-	j - !	
Presidio	31		25	5	1.0	10	14	<u> </u>	
Pondo 11	166	168	-	-	44 2	30 2	14	_	
tmorillo (nort)	168	168	1 -	1 -	42	28	14	- 1	:
Balance of county	43	34	9	-	6	5	1	-	
Ruy	10	-	3 75	5 107	18 200	18 174	- 26	] [	ł
Red River	452 383	267 211	75 151	107	99	95	4		
Reeves	276	501	47	25	74	48	26	] [	
Roberts	-			217	516 6	205	11	ī	
Wohertson	436 69	115	98 51	10	39	39	-	-	
Rockwall	341	250	88	ļ	130	100	30 73		
Runnels		539	230	127	286				

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

		LIVE BI	RTHS				DEATES	•	
•			Attended by—			·	Į.	n institution	
	ļ							Туре	of
AREA	Total <sup>1</sup>	Physician	Physician		Total	Not in . institution		instit	ution
		in hospital <sup>2</sup>	not in hospital	Midwife			Total <sup>3</sup> .	Resi-	Non- resi-
								dent	dent
TEXAS—Continued						1			
San Angustine	176	44	61	.70	78	78	_	_	
San Jacinto	OB	_	26	47	48	47	1	-	9
San Saha	1,183 244	457 171	551 65	130 6	356 : 66 :	259 53	97 13	! <u>-</u>	1.
Schleicher	44	-	50	8	15	13 45		-	,
Scurry	203 19	170	31 19		57 29	29	12	[	
She3hy	542	377	110	51.	175	161	14	-	1
Sherman	14 1,787	1,264	3 127	- 392	3 i 536	3 386	152	1 :1	14:
Pyler	1,430	1,222	. 35	173	341	193	148	- 1	14
Ralance of county	357	42	92	S13	197	195	4	! -	;
SomervellStarr	27 529	24	2 382	1 103	25 115	21	4	] []	•
Stenhang	198	194	3	ĩ	85	59	26	-	20
Sterling	15 24	23	8	7	1.5 1.5	15 15	_ [	[ [	
Sutton	103	2	88	4	18	18	-	] []	
Svigher	347	146	ائہ. ا	1	37	19	18		1,40
TarrantFort Worth	8,606 8,269	8,378 8,110	193 130	30 25	2,790 2,498	1,316 1,102	1,474 1,396	61 17	1,37
Relance of county	337	268	63	5	292	214	78	44	36
TaylorAbilone	1,596	1,544	40 34	8 7	539 406	254 182	285 224	49	23: 220
Balance of county	1,464	1,422	6	í	1,33	72	61	48	13
Terrell	56	_1	54	1	1	1	-	1 -1	
Tarockmorton	424 8	310	103 8	11	93 18	64 18	29	1 []	27
Tf tug	334	238	74	20	120	97	23	] -	22
Tom Green	1,872	1,668	29 24	167 : 157	538 414	195 162	343 252	] 1	343 250
Balance of county	1,451 421	1,263 405	5	10	124	33	91	-	91
Travi a	3,923	3,643	1.38	128	1,459	535	924	387	535
Austin	3,845 78	3,643	109 29	82 46	1,362 97	461 74	901.   23	386 1	513 22
Trinity	123	1	75	43	61	81	- 1	-	-
Tyler	209	67	11.6	23	64 146	63 124	22	1 [1	20
Upton	573 91	474 85	12 6	83	29	24	5	] [	5
Tralda	492	244	216	24	140	. 97	43	3	38
Val Vorde	567	255 255	263 258	46 48	. 180 171	110	61. 61.	1 - 1	45 45
Belance of county	562 5	255	5	40	111	9	-	] []	
Van Zandt	392	226	147	16	197	172	25 104	-	25 103
Victoria	939 853	604 604	165 125	158 119	270 211	166 107	104		103
Balance of county	B6	-	40	<sup>*</sup> 39	59	59	- 1	l <u></u> l	
Walker	415	353 60	1 8	57 78	1.67 70	105 63	62	38	23
Vard	147 518	457	47	8	96	44	52	1	58
Washington	. 5B0	390	81	106	246	190	56	-	56
Webb	2,027 1,993	954 954	378 365	628 611	490 464	345 320	145 144		145 144
Ralence of county	34	33-	13	17	26	25	1	-	]
Wharton	1,279	1,093	118	50	368 85	178 46	190 39	l <u>-</u> l	189 38
Mheeler	271 2,112	264 2,047	6 60	1 5	829	297	532	180	346
Wichita Falls	2,007	1,949	53	5	542	212	330		324
Balance of county	105 524.	98 518	7 2	3	287 121	85 64	202 57	180	27 57
Willacy	863	220	92	503	277	254	23		20
Williamson	946	752	151 131	40 30	372 135	233 115	139 20	3 1	1.33 18
Wilson	402 257	233 255	131	30	39	16	23	-	7
V166	297	282	15	-	142	114	28	- }	20
Wood	378	. 226	139	13	166 2	154 2	12	! []	11
YoukumYoung	5 512	498	5 14		135	65	70	] -]	70
Zapata	105	_	70	34	22	22	l <u></u> }	-	
Zavala	402	136	100	161	104	89	15	- I	15
UTAH	20,969	20,574	370	4	5,193	2,641	2,552	149	2,324
Beaver	86	57	28	1	29	27	2		,
Hox Elder	613	612	-	[	127	78	19		45
Logan	1,169 1,127	1,160 1,126	9		243 152	1.56 66	87 86	] [	70
Balance of county	42	34	8	-	91	90	1	- 1	
Carbon	878	870	7	-	174	72	102	2	9:
DaggetrDavis	196	180	- 15	_	90	79	n n	] [	1
Duchesne	301.	292	8	-	44	23	, <b>2</b> 1	-	2
Emery	7	2	5	-	30 32	30 19	13	] [	3
Garfield	145 50	141 49	3 -		32 14	7	7	<u>-</u>	
Iron	439	437	1	-	87	50	37	-	3
JuabKane	15 62	9 62	6	-	40 19	40 11	- 8	-	
M:11ard	227	187	40		52	45	7		
Morgan	<u>-</u>		l -	· -	l <u>1</u> 0	11 9	1	15	

See footnotes on p. 111.

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## VITAL STATISTICS OF THE UNITED STATES

TABLE 8.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

	C 22 occurrence.				of deaths among aread forces overseas)  DEATHS							
	ļ	LIVE BI				r						
			Attended by-				I	n institution				
AREA	Totel <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type instit				
		hospital <sup>2</sup>	hospital					Resi- dent	resi- dent			
UPAH—Continued												
Piute	9	- 1	9	-	11 6	11 6	-	] []	-			
Salt Lake	8,586	8,485	96	-	2,328	1,004	1,324	4	1,272			
Salt Lake CityBalance of county	7,669 917	7,626 859	41 55	-	1,995 333	703 301.	1,292	4	1,252 20			
San Juan	107	105	2	- 1	15	9	6	[ - ]	3			
Sevier	326 550	264 548	62 2	-	111 97	108 61	3 36	[ - ]	2 36			
Symmit	257	252	5	_	66	37	29		29			
Tocele	390 325	386 322	4 2	-	110 84	85 51	25 33		25 33			
Uteh	2,683	2,640	41	-	589	282	307	110	193			
ProvoBalance of county	1,337	1,324	12 29	-	258 331	84 198	174 133	80 30	93 100			
Wasatch	1,346 182	1,316 178	4	_	44	43	133	30	100			
Washington	277	264	10	=	66	42	24	2	21.			
Weyne	3,080	3,072	5 6	3 -	9 668	9 247	419	31	387			
Ogden	3,078	3,071	S	-	573	185	388	- 1	387			
Balance of county	2	1	1	-	93	62	31	31	-			
VERNONT	9,006	8,217	787	-	4,045	2,178	1,867	225	1,581			
Add1sonBermington	375 538	316 483	59 55	-	140 289	105 132	35 157	[ .	53 143			
Caledonia	639	564	75	-	299	186	113	2	109			
ChittendenBurlington	2,026 1,647	1,998 1,640	27 7	-	518 429	256 132	362 297	8 8	351 286			
Balance of county	379	358	20	- 1	189	124	65	-	65			
Essex	60 740	29 561	31 179	-	36 285	36 207	78	- 6	68			
Grand Isle	23	1	22	-	32	31	i	- 1	-			
LemoilleOrange	275 258	249 230	26 27	-	82 163	50 97	32 66	[	32 64			
Orleans	661	560	101	_	21.6	131	85	5	61			
Rutland	982 794	918 787	64. 7		566 291	309 99	257 192	13 4	237 187			
Balance of county	199	131	57	-	275	210	65	9	50			
Washington	1,096	1,067	29	-	511	196	315	107	208			
BarreBalance of county	590 516	576 491	4 25	-	141 370	42 154	99 216	107	99 109			
Windsor	719	684	35	-	412	212	200	73	120			
VIRGINIA <sup>13</sup>	79,260	557 53,732	57 14,768	10,486	396 28,907	250 17,593	166 11,314	1,466	155 9,557			
		<u> </u>		······ -				1,,,,,,,				
AccomackAlbemarle	450 1,649	100 1,591	110	240 23	330 552	327 152	3 400	[ ]	3 398			
Alleghany	456	255	190	7	150	1,13	45		ù			
Amelia	169 168	ī	67 711	101 47	69 196	69 115	81	81	-			
Appomattox	1,00	-	67	29	70	69	1	1 -1	-			
Arlington 4	1,557 566	1,537 381	16 170	12	474 342	304 263	170 79	3B	170 41			
Bath	128	99	1.5	10	60	4.8	12	- 1	12			
Bland	486	269	158 80	57	297	208	69	41 (	48			
Botetourt	86 157		141	2 15	. 24 116	111	5	-	_			
Brunswick	391	2	138	247	142	142	-	- [				
Buckingham	1,149 189	231	674 48	235 137	218 105	164	54	<u> </u>	54			
Campbell	349	152	154	62	165	151	14	-	13			
Carroll	238	1	179	56	98	98	-	-	-			
Charles City	410   119	1 .	365 19	19 99	122 33	122 33	-	1	-			
Charlotte	221	1	79	140	125	124	1	-	-			
Chesterfield	175 38	2	26 37	247 1	401 62	167 62	234	1	21.1			
Craig	29	- 1	27	2	26	26		-	-			
Cumberland	161 129	1	145 28	14 101	99 58	99 56	2		-			
Dickenson	781	340	28 349	95	131	98	33	[ ]	23			
Dinwiddie	270	4	82	192	429	95	334	333	-			
Elizabeth City	601 96	499	26 64	76 32	379 68	15 <u>4</u> 68	225	] []	225			
Fairfax	513	361	109	43	308	260	48	9	32			
Floyd	567 120	387	110 87	70 <b>29</b>	208 65	1.74 65	34	] []	31			
Fluvanna	93	ī	51	40	58	50	8	4	-			
Franklin	491	157	252	75	173	162 88	12	<u> </u>	11.			
Giles	27 494	297	16 182	10 14	93 136	100	5 36	] []	3 36			
Gloucester	94	1	78	1.5	93	93	- }	,-	-			
Goochland	141 453	7 163	43 240	91 14	87 168	74 138	13 30	13	30			
Greene	27	-	24	1	29	29	-	-	-			
Greensville	391	28 487	197	165 282	111 342	111 275	67	<u> </u>	57			
Hanover	1,077	-	308 130	102	174	174	-	[ ]	ə <i>i</i>			
Henrico	1110	l 31. I	24	55	198	l 1290 l	1.8 l	! -!	34			

See footnotes on p. 111.

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TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

. (By place	e of occurrence.			rths and of de	eaths among armed				
		LIVE BI					DEATES		
,			Attended by-					n institution	1
AREA	Total <sup>1</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type instit	ution
·		hospital <sup>2</sup>	hospital					Resi- dent	Non- resi- dent
VIRGINIA <sup>1.5</sup> —Continued	,								
Homy	453 62	1	308 61	139 . 1	127 30	127 29	ī	- 1	-
Isle of WightJames City	266	-	37	228	120	120	-	] -	
King and Cheen	88 93	l ī	26 56	62 36	38 46	38 46	-	_	-
King GeorgeKing William	63 99	3	36 65	23 34	30 79	29 79	1	-	1
Lancaster	151	-	139	n 34	77	77	-	] [	-
Loudoun	920 498	176 394	635 90	67 14	284 202	229 169	55 33	- i	55 27
Louiga	242	144	38	60	104	98	6		6
Lunenburg	248 51	1	132 47	114	11.3 65	111	2	ll <u> </u>	-
Mathews	4.9	-	49	-	59	59	- :	] [	-
Mecklenburg	658 63	32	213 15	413 48	248 84	248 82	2	ll <u> </u>	2
Montgomery	556	470	64	19	203	142	61	-	61.
Nelson	447 130	1.	106 26	360 96	225 91	225 91	-		-
Now Kent	53 2,193	1,693	14 108	39 392	31 435	30 313	1 122	:	105
Northeaston	682	441	14	· 227	285	168	117	6 -	117
Northumber land	155 209	i	109 77	46 131	106 199	106 125	74	- 3	- 68
Orange	151	82	60	_ s	96	82	14	-	11
PagePatrick	316 446	183 158	119 242	12 34	124 95	97 88	· 27	. 1	26 7
Pittsylvania	859	19	391	443	358	324	34	24	ż
Prince Edward	· 75	- 524	16   55	59   126	45 189	43	2 78	2	77
Prince George	439	301	19	717	77	63 -	14	2	12
Princess Anne	487 391.	352 75	77 85	. 76 . 232	122 358	94 161	28 197	6	22: 179
Pulaski	702 65	567	47 65	77	208 45	125	83	8	74
Richmond	101		95	7	55 55	45 55	:		-
Bockbridge	125 607	34 463.	69 108	17 29	376 215	205 171	171 44	. 110	61 43
Rockingham	164	- 1	162	2	212	196	16		5
Russell	716 . 223	243	433 69	35 139	197 140	143 140	54	1 : 1	S3 -
Shanandoah	435	353	75	5	223	166	57	1	54
Southampton	911 757	482 266	395 91	33 397	326 230	166 175	160 55	73	84 55
Spotsylvenia	73 56	- 1	37	35	- 64	64	- 1	-	-
Surry	118	-	20 9	33 107	83 48	62 48	1	_	-
Sussex	248	718	37	206	92	92		-	
Watron	1,563 433	383	825 43	14 7	429 106	245 76	184 30	] [	184 . 30
Warwick	148 770	1 241	.36 443	111 79	108 290	104 207	4 83		4
Westmoreland	174	-	70	103	89	89	.=	] []	83
Wythe	1,800 596	713 326	1,020 265	61	444 210	293 164	151. 46	5	146 41
York	70	1	15	54	46	46	-		21
Independent Cities 15						-			
AlexandriaBristol <sup>16</sup>	1,933 1,188	1,891 1,127	4 58	37 3	431 238	184 87	247 151	1 1	246 149
Buena Vista	49 455	1	41	7	24	24		-	-
Clifton Forge	409	439 396	14 12	2	183 165	127 44	56 121	[	53 120
Danville	1,819	1,626	18	175	539	217	322	-	321.
Hampton	7 <del>9</del> 2 779	763 763	10 6	19 10	171 184	52 47	119 137	! <u>:</u>	119 135
Harrisonburg	1,169 279	1,166	3	= 1	231	42	189	<b>-  </b>	189
Lynchburg	2,284	255 2,217	18 59	6 5	74 633	43 275	. 31 358	- 6	30 346
MartinsvilleNewport News	831 2,826	719 2,715	86 23	21 86	176 542	76 193	100 349	-	1.00 343
Norfolk	6,030	4,979	459	587	2,012	921	1,091	4	1,071
Portamouth	1,126 2,383	763 1,631	38 141	325 610	470 690	267 322	203 368	13	185 367
Radford	738	737	- 1	- [	112	49	63	[ - ]	61
Roanoke	8,566 3,473	8,323 3,411	1.95 60	46 1	3,119 1,001	1,331 436	1,788 565	196 ' 15	1,565 529
South Norfolk	58	2	18	38	47	47	-	-	-
Stamton	760 570	699 476	35 35	26 59	493 265	112 80	381. · 1.85	283	98 1.85,
WilliemsburgWinchester	230	213	4	13	224	24	200	185	14
Washington	1,211 57,004	1,209 56,301	602	14	310 22,294	87 8,864	223 13,430	1,533	208
Adoms	116	110	6	-	48	27	21	- 1	21
ABotin Benton	150 1,023	146 1,017	6	: 1	780 33	49 96	44 94	4	7 76

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place	e of occurrence.	Deaths exclus	ive of stillbi	rths and of dea	aths among armed	forces oversea	a)		
		LIVE BI	RTES				DRATES		
ļ			Attended by-		1		I	institution	
AREA	Total <sup>1</sup>	Physician	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type institu	tion
		in hospital <sup>2</sup>	hospital	Minvite			1000	Resi- dent	Non- resi- dent
WASHINGTONContinued						]			
Chelan	1,313 1,090	1,278 1,088	34 2		364 195	143 38	221 157	1 1	209 156
Balance of county	223	190	32	-	169	105	64	1 -1	53
Cla1lamClark	648 2,188	638 2,177	6 10	2	254 717	112 247	142 470	11	106 439
Vencouver	1,931	1,927	4	-	488	71	417	[ 6]	409
Balance of county	257 104	250 104	6	]	229 63	176 22	53 41	5 10	30 30
Cowlitz	1,639	1,635	4	-	393	190	203	[ -]	201
Longview	1,609	1,607	2	-	252	51	201	-	201
Balance of county	30 5	28	2 5		141 38	139 25	2 13	[ ]	12
Verry	49	46	1	-	36	22	14	-	14
FranklinGarfield	725 44	724 39	1 4	-	117 31	38 12	79 19	]	78
Grant	264	262	2	-	101	64	37		27
Graye HarborAberdeen	1,344 1,200	1,340 1,200	3 -	1	652 399	270 95	382 304	38 7	337 291
Hoquiam	2	1	1		77	49	28	28	-
Helance of county	142	139 274	2	1	176 76	126 57	50 19	3 8	46 9
Jefferson	278 256	274	2		63	37	46	3	42
King	17,472	17,325	110	ı	6,997	2,856	4,141	139 93	3,878 3,441
SeattleBalance of county	14,924 2,548	14,848 2,477	49 61	ī	5,586 1,411	1,996 860	3,590 551	46	437
Kitsan	1,969	1,958	8	ı	558	521	337	32	284
BremertonBalance of county	1,931 38	1,930 28	1.	-	369 189	69 152	300 37	32	280 4
Kittitas	562	554	a	-	204	85	121	5	112
Klickitat	224 1,004	999	2 5	_	88 509	57 233	31 276	36	209 203
Lincoln	90	64	26	-	60	41	19	-	15
MasonOkanogan	333 890	329 861	5 27	-	114 226	48 106	66 120	-	57 119
Pacific	311	279	32		184	80	104	] -	95
Pend Oreille	196	191	5	-	60	30 877	30 1,954	418	30 1,404
Tacoma	6,172 4,706	6,131 4,689	54 12		2,831 1,946	560	1,286	16	1,200
Balance of county	1,466	1,442	22	-	985	317	668	402	204
San Juan	17 964	957	13 . 5		19 584	19 167	417	211	193
Skamania	2	337	-	-	45	27	18	-1	1.7
Snohomish Everatt	2,280 1,767	2,229 1,763	45 3	-	1,089 559	556 218	533 341	23 16	478 307
Balance of county	513	466	42	-	530	338	192	7	171,
SpokaneSpokane	5,879	5,828 5,807	47 29	-	2,518 1,967	845 641	1,673 1,326	272 39	1,238 1,158
Belance of county	5,840 39	- 21	18	_	551	204	347	253	80
Stevens	413	409	1	2	209	76 103	133 158	1 1	133 152
ThurstonOlympia	992 960	942	45 18	-	341. 240	84	156	-	152
Balance of county	32	_	27	2	101	99	2	1	-
Wahkiakum	1,174	1,170	1	- 2	24 436	23 135	1 301	31	253
Walla Walla	1,173	1,170	-	2	369	88	281	15	252
Ralance of county	1 1,597	1,591	1 6		67 704	47 272	20 432	16 58	1 342
Bellingham	1,512	1,512	=	-	443	130	31.3	57	225
Belance of county	65 646	79 636	6 10	_ [	261 236	142 112	119 124	1 1	11.7 122
Yakima	3,670	3,577	81	3	1,012	416	596	26	516
TakimaBalance of county	2,432 1,238	2,430 1,147	1 80	1 2	491 521	153 263	338 258	13 13	316 200
WEST YIRGINIA	52,934	32,850	18,405	1,028	17,751	10,994	6 <b>,75</b> 7	637	5,996
Barbour	483	276	168	7	189	139	51.	3	46
Berkelev	800	776	21	3	468	172	296	-	295
MertinsburgBalance of county	779 21	775	3 18	1 2	262 206	79 93	193 113		182 113
Boone	880	521	348	6	167	157	10	-	10
Braxton	638	472	123 28	22	154 121	108	46 7	4	43
Brooke	31 3,467	3 360	101	1	1,331	553	778	103	666
Funtington (part)	3,139	3,114	22	-	1,200	439	761	97 97	656 790
Huntington (total)	3,141 328	3,115 246	22 79		1,359 131	464 114	895 17	6	10
Calhoun	213	26	167	10	66	64	s	] -	_
Clay Doddridge	504 127	- 2	215 123	56 2	84 57	84 57	-	-	<del>-</del> =
Favette	2,314	690	1,568	42	623	472	151	10	141
Gilmer	135	2	127	4	51.	51		-	-
Greenbrier	300 968	216 231	24 703	55 11	51 290	50 247	1 45	5	36
Hampshire	171	-	159	9	92	92	-	-	-
HancockHardy	212 113	115	97 110	3	149 71	140 71	9		9
Harrison	2,217	1,747	467	] - ]	770	518	252	3	248
Clarksburg	1,805	1,747	55 411	-	451 319	202 316		3	248
Balance of county	412		: 41T	-	, 519	11 970	, 3	., 01	-

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(by place	e of occurrence.			de		·			
·	·····	II SVII	RTHS			1 , 1	DEATES '		
			Attended by-				, D	n institution	
ÁHEA	Total <sup>2</sup>	Physician in	Physician not in	Midwife	Total	Not in institution	Total <sup>3</sup>	Type instit	ıtion
		hospitel <sup>2</sup>	hospital					Resi- dent	Non- resi- dent
WEST VIRGINIA Continued									
Jackson	282 276	104 215	163 47	9	126 158	125 124	11 34		9 32
Kanayha	7,320	5,967	1,065	39	· 1,765	1,054	731	7	708
CharlestonSouth Charleston	- 4,918 938	4,849 950	63 7	1	1,014 184	437 43	577 141	3	569 131
Balance of county	1,264 477	1.88 365	995 105	38 7	587 458	574 150	1.3 308	250	* e
Lincoln	464	157	230	37	140	138	2	-	1
LogarNelloyall-	2,531 2,992	811 767	1,638 2,106	55 80	585 797	354 499	231. 298	1 1	221 295
Marion-Fairment	1,737	1,319 1,315	417	-	629	446	183 180	2	170 169
Balance of county	1,366 371	4	51. 366	_	362 267	182 264	3	2	3.
Marghall	565 13	494	71 13	-	340 120	222 106	118 14	24 14	93
Balance of county	552	494	58	-	220	116	304	10	95
Marcer	468 2,544	21.7	233 833	13 3	221 717	163 389	58 328	50 3	. 319
Bluefield <sup>17</sup>	1,375	1,252	121	-	396	139	257		256 63
Balance of county	1,169 579	449 461	712 75	3 34	321 239	250 174	71 65	3 -	65
NingoNonongalia	1,805 1,564	730 1,389	936 148	134 2	408 508	247 327	161 181	B	161 171
Morgantown	612	602	10	-	. 21.9	130	89	- 1	88
Balance of county	952 186	787	138 178	2 -	289 136	197 81	92 55	8 55	83
Norgan	184	137	33	7	67 200	-55 162	12 38	- 1	8 36
0/110	837 - 2,818	500 2,795	318 23	12	1,065	381	684	<u> </u>	657
Wheeling	2,807	2,795	12 11	-	984 81.	324 57	660 24	3 16	649 8
Pend1et:on	315	] -	106	6	68	68		-	-
Pleasants	77 275	171	76 97	3	43 167	43 80	87	-	87
Prestmana	478	79	293	63 13	261 124	202 123	59 1	-	59
Putmam Raleigh	285 2,771	1,097	247 1,606	51.	799	455	344	] []	343
Beckley	1,182 1,589	1,086	95 1,513	3 48	399 400	130 325	269 75	] []	268 75,
Randolph	925	668	215	15	266	1.55	111	8	98 9
Ritchie	225 449	99 204	123 205	28	115 209	103 106	12 103	2 58	45
Summers	50B 440	195 303	302 119	1 5	153 204	99 1.14	54 90	<u>-</u>	53 90
Tucker	212	. 119	59	22	124	83	41	-	30
Tyler	161 637	85 463	74 129	12	104 194	79 124	25 70	1 -	2 <u>4</u> 69
77	613	253	310	35	327 159	184	143 134	1 1	141 134
Huntington (part)	2 611	1 252	310	35	168	25 159	9	<u>i</u>	7
Webster	249 570	2 361	194 192	42 8	93 197	92 141	1 56	<u>.</u>	 55
Wirt	43	-	26	14	47	46	1	1 1	388
WoodParkersburg	2,203 2,103	2,085 2,083	100 18	13 2	801 608	386 204	415 404	16 13	384
Balance of county	100	s	82	11	193 142	182 142	11	3	4
Wyoming	897	72	764	42		1	_		
WISCONSIN	80,925	78,031	2,744	42	32,703 68	15,267 49	17,436	1,770	15,270
AdamsAshland	105 682	60 654	24 25	] -	308	110	198	5	193
Ashland	- 657 25	654	3 22	-	247 61	49 61	198	5	193
Barron	936	916	19	_ :	402	162	220 23	8	196 22
BayfieldBrown	64 3,281	55 3,236	6 41	2 -	90 899	67 327	572	58	514
Green Bay	3,242	3,235	6	-	716 183	18B 139	528 44	19 39	509 5
Balance of county	39 178	174	35 4	_	137	97	40	-	39
Burnett	189	167	21 27	_	92 112	45 112	47	! []	45 -
Calumet	28 1,371	1,307	61	i i	412	145	267	82	185 167
Chippers Falls	92Z 449	921 386	1 60	ī	212 200	39 106	173 94	76	. 18
Clark	311.	198	. 109	_	210 432	174 193	. 36 239	25 35	' 131 181
Columbia	885 461.	868 388	17 70	2	165	- 87	78	- 1	78
Dane	4,310	4,284	26 2	_ :	1,729 1,203	· 607	1,122 913	125 12	978 697
MedisonBelance of county:	3,978 332	3,976 308	24	_	526	317	209	113	81 182
Dodge	1,128 933	1,087 <sup>-</sup> 932	41 1	_ :	478 208	259 49	219 159	52	159
Watertown (nert)	-	- 1	- '	- '	27	27 183	- 60	32	23
Balance of county	195 475	155 424	40 - 51		· 243 194	117	77	1	76
Douglas	1,069	1.057	11	1	57 <del>4</del> 465	196 157	378 308	53 4	321 300
Superior	1,063 6	1,056 1	7.	ī	109	39	70	49	ST
Dunn	431	387	44	I	196	115	* 81	1 51	62

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

		LIVE BI	RTHS				DRATHS		
·			Attended by-				I	n institution	
ARMA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type institu	of ution
	10001	in hospital <sup>2</sup>	not in hospital	Midvife		institution	Total <sup>3</sup>	Resi- dent	Non- resi- dent
WISCONSIN —Continued									
Bau Claire	1,801	1,790	9 2	-	564 477	148 86	416 391	25	39 39
Bau Claire	1,972	1,790	7		87	62	25	25	40
F1 000000000000000000000000000000000000	5		5	2	26 763	25 314	1 449	58	39
Fond du LacFond du Lac	2,002	1,935 1,693	66 8	-	502	134	368	12	35
Balance of county	301	242	58	-	261	180 62	81 23	46	3 1
Torest	247 971	192 844	52 125		85 442	298	144	26	11
MOON	712	702	9	1	330	144	1.86 54	24	15 5
Iroen LekeIonaIonaIonaIona	326 628	313 612	12 16		160 240	106 106	54 134	É	12
Tron	20	1	17	-	52	51	1	1	4
JacksonJacksonJacksonJacksonJackson	362 1,126	351 1,103	8 21		154 4 494	108 270	46 224	1 49	17
Watertown (part)	766	764	2	- 1	1.89	47	142	7	13
Watertesm (total)	766 360	764 339	2 19	- 1	216 305	74 223	142 82	7 42	13 4
Balance of county	358	265	88	- 1	172	129	43	2	4
Kencsha	1,523	1,514	7 3	-	591 <b>4</b> 61	258 166	333 315	16	33 30
KenoshaBalance of county	1,517	1,514	3 4	- [	110	92	18	11	
Kewaunee	368	303	65	- [	131	103 228	28 574	3 47	52 52
La Crosse	2,296 2,277	2,271 2,271	24 6	<u> </u>	802 678	151	527	6	52
Bolonco of county	19	-	16	-	124 131	77 113	47 18	41 2	1
Lafeyetto	54 693	33 669	21 . 17	ī	206	138	68	-	6
Mnooln	651	639	11	-	246	76	170 268	24 27	14 24
Manitowoc	1,443 1,035	1,414 1,024	28 9	-	564 337	296 132	205	19	10
Tun Dirong	392	390	2	- 1	80	31	49	- 8	4
Belance of county	18	1 002	17 156	ī	147 613	133 299	14 314	35	27
Marathon	1,782 1,623	1,621 1,621	2	- 1	407	97	310	35	27
Boloman of county	159	· -	154 31	1	206 393	202 168	4 225	19	19
Marinette	681 627	649 625	31	-	253 (	72	181	6 }	17
Ralance of county	54	24	29	~	140 81	96 73	44 8	13 8	5
Marquette	14 20,034	19,703	13 5 305	7	8,155	3,048	5,107	443	4,56
Ki luankee	19,001	18,759	221.	6	5,766	2,347	3,419 32	162 22	5, 19 1
Wauwatosa	217 B	212	4 8		160 131	128 122	9	8	_
Cuda by	4	-	4	-	4.3	43	- 1		
Sporestood	2 334	320	2 13	-	57 58	56 43	1 15	-	1
South MilwaukeeBalance of county	468	412	53	1	1,940	309	1,631	251. 24	1,34 12
Monroe	663	615 481	48 43	ī	291 214	143 147	148 67	2	€
Oconto	526 587	572	1,5	-	233	110	123	ا ۽	1.1 28
Out	2,556	2,468	83 11	3	701 400	416 203	285 197	2 -	19
AppletonBalance of county	2,042 514	2,031 437	72	3	301	213	88	2	8 10
Ozankaa	482	476	6	_	220 67	115	105 28	- [	2
Pepin	150 448	150 406	42	- 1	167	99	68	3	8
Polk	751	724	26	- 1	263 328	170 167	95 161	3	15
Portaga	858 821	815 615	39 6	-	232	78	154	3	15
Stevens Point	37	-	33	1	96 122	89 86	7 36	ا آ	
Price	379 2,624	354 2,602	25 20	_	1,001	463	538	73	40
Recine	2,201	2,196	5	-	683 318	324 139	359 179	7 66	35
Balance of county	423 664	406 632	15 32		192	80	11.2	8	10
Richland	2,116	2,086	28	-	910	423	487	24	45 23
Belott	1,088	1,083	5	_	538 501	115 117	223 184	2	17
Janegyi 1]e	785 243	781 224	19	_	271	191	80	22	! :
Bulance of county	499	490	. 8	-	137 242	64 171	73 71	16	1
St. Crpix	415	376 933	39 27	-	242 393	230	163	19	14
SaukSaukSauk	965 171	102	52	1.5	96	66	30	13	1
Charpyo	689	630	57 23	1	295 8 <b>3</b> 0	169 347	1,26 4,83	19	41
Sheboygan	2,028 1,772	2,004 1,768	4	- 1	558	142	416	3 3	4.1
Balance of county	256	236	19	1	272 139	205	67 42	16	
Paylor	373	304 402	64 22	ĵ.	200	128	72	10	
Trempealeau	424 607	54.2	64	-	226	147	79	11	
Vilas	74	52	20 16	1	67 449	63	155	4	1.
Walworth	658 <sup>1</sup> 268	640 223	45	-	76	50	26	18	1
Washington	837	811	25	-	297 702	155 413	142 289	48	2:
Wankeshs	1,331	1,300 1,339	31		268	111	157	ll - l	1.
WaukeshaBalance of county	1,142 189	161 626	28 32	-	434 375	302 206	132 169	48 48	1

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTI-TUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

		LIVE BI	rths				DEATES		
			Attended by—			,	ъ	n institution	
AHEA	Total <sup>1</sup>	Physician	Physician		Total	Not in		Type instit	
		in hospital <sup>2</sup>	not in hospital	Midwife		1100100000	Total <sup>3</sup>	Resi- dent	Non- resi- dent
WISCONSIN—Continued						•			
Winnebago	2,124	2,102	19	-	981	468	513	155	358
Oshkosh	1,300	1,295	5	-	513	226	287	31.	256
Menasha	1 1	i -	-	-	62	62	- 1	-	-
Neepah	806	804	2	-	145	54	91	-	91
Balance of county	1.7	3	12		261	126	135	124	11
	1,876	1,809	66	1	473	208	265	20	245
Marshfield	894	978	16	_ [	225	55	170	9	161
Wisconsin Rapids	837	831	6	_	141	57	84		84
Balance of county	45	-	44	1	107	96	11	11	• =
WYORING	7,286	6,950	324	-	2,393	1,043	1,350	106	1,134
Albeny	520	51.7	2	-	123	4.7	76	-	76
Larenie	51,9	51.7	2	~	105	29	76	- 1	76
Balance of county	1	-	- :	-	18	18	- 1	1 -1	-
Big Horn	33B	335	3	-	96	58	38	-	38
Campbell	163	161	2	-	39	13	26	!	26
Carbon	306	298	8	-	156	86	68	4	62
Converse	] 126	125	1	-	59	26	33		33
Crook	35	33	2	_	28	16	12	4	-
Fremont	477	416	55		201	117	84	10 1	67
Goshen	294	285	9	_ '	92	49	43		43
Hot Springs	173	173	_	_ '	64	<b>Q</b> 26	38	- 1	38
Johnson	109	207	1	_	34	17	17	1 1	16
Laramie	1,224	1,194	28	_	308	113	195		194
Chevenne	965	947	17	_	228	71	157	1 [1	156
Balance of county	259	247	ü		80	42	38	1 [1	38
Lincoln	305	303	2		70	27	43	1 14	43
Natrona	851	846	ا ت	-	289	109	180	, , , ,	177
			•	- 1			179		
Casper	848	846	<u> </u>	-	256	77			177
Balance of county	3		3	-	· 33	32	1 1	] ]	
Hiobrara	119	118	1	- 1	52	14	38	5	32
Park	506	486	20	-	105	45	60	<u> </u>	53
Platte	180	139	41.	-	72	28	44	-	39
Sheridan	523	519	4	-	231	69	1.62	34	327
Sheridan	521	51.9	2	-	173	45	128	- 1	127
Balance of county	2	-	s	~	58	24	· 34	34	• -
Sublette	3	-	3	-	9	9		-	_
Sweetwater	605	559	46	- 1	171	61.	110	-	34-
Teton	94	94	_	_	23	15	8	j - !	8
Uinta	97	31.	66	_	90	43	4ř	1 47	ž
Washakie	196	172	23	_ [	39	21	ie l	[	18
Weston	39	36	3		29	23	2	1 -1	
Yellowstone Mational Park (part)	39	30	3	-	. 13	9	ן יי	t -l	0
Yellowstone Mational Park (total)	3	3	_	-	13	او ا	"	"	*
Tellowstone murional Park (total)	ı əl	i •		-	إدا	1 9,	•	1 " l	4

MOTE.—Certain cities listed in this table are located in more than one county. In these cases, figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amarillo, Tex., are shown under Potter County; Atlanta, Ga., under Fulton County; Bethlehem, Fa., under Korthampton County; Centralia, Ill., under Marion County; Elgin, Ill., under Eane County; Elwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W.Ya., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, N. C., under Mash County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone Mational Park are shown under Wyoming.

Births attended by other and not specified persons are not shown separately, but are included in total births. For the United States in 1948, these births were 29,864.

It is assumed that all births in hospitals or institutions are attended by physicians.

Deaths in institutions of unknown type are not shown separately, but are included in total deaths in institution. For the United States in 1946, these deaths were

Deaths in institutions of unknown type are not shown separately, out are included in total understanding an algorithm of the total births in 1848 than in former years because of special problems in coding the person-in-attendance item in Georgia, Kentucky, and Mississippi. The great majority of the "Other and not specified" attendants in these States are believed to be indiviews.

Includes data for Terarkana, Ark., only.

Since this area is difficult to identify from the information given on the birth and death transcripts; data may be understated or overstated.

Births classified as attended by "Other and not specified" persons (figure not shown separately in this table) form a much greater proportion of the total births in 1848 than in previous years because of special problems in coding the person-in-attendance item in this State. The great majority of the "Other and not specified" attendants are believed to be midwives.

Pigures for District ISIL, Center Mill, are included in those for Atlanta.

Statistical transcripts for the 2,361 births that occurred in the city of Lynn were received at the Mational Office of Vital Statistics after tabulations were completed.

completed.

10 Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.

11 Includes data for Bristol, Tenn., only.

12 Includes data for Texarkana, Tex., only.

13 Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of the State.

14 Classified as urban under a special rule in the 1940 census.

15 Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roancke, Staunton, Suffolk, and Winchester.

15 Includes data for Bristol, Va., only.

17 Includes data for Rusefield, W. Va., only.

## VITAL STATISTICS OF THE UNITED STATES

### TABLE 4.-DEATHS BY MONTH: UNITED STATES AND EACH STATE, 1948

(By place of occurrence. Exclusive of stillbirths and of deaths among armed forces overseas)

Zon.   Zon.	AREA	Total deaths	Jan.	Feb.	Mar.	Apar.	May	June	July	Aug.	Sept.	Oot.	Nov.	Dec.
Artonass   7,122	UNITED STATES		138,240	128,158	129,842	118,730	120,403	113,901	112,614	115,418	105,053	118,744	115,173	127,861
Emails	Alabana				2,412	2,098	2,095	2,146	2,087		1,906	2,227	2,122	
California	friends													
Connected to   19,409   1,982   1,692   1,692   1,59	California						8,088				7,289		8,018	
Delinester   Sect   S	Colorado									1,007		1,148 1.573	1,077	1,029 1,697
District of Columbia	Delavare		342		312	261		271	280	281.	255	297	256	305
Coorgia	District of Columbia		790	756	821	647	675	646	682	661	592	653	699	766
Tables	Florida				2,421 2,493				1,841				2,082	2,421 2,574
Display	Tdaho			424						375			393	401
Zon.   Zon.	Illinois	89,908												8,077
Enness——————————————————————————————————	Indiana				3,538	3,254								3,578
Entroly	Venera		2,506	2,253	2,298						1,830			1,681
Maine	Kentucky			2,415							2,118			2,446
	Louisiana												1,862	2,048
Massachusetts	Maine													
Minesouth	Mas sachusetts	52,712					4,391					4,180	4,136	4,630
Missouri	Michigan		4,996	4,716							4,216			5,039
Missouri	Minnesota		2,645	2,400		2,263	2,467				2,008			2,318
	Missouri		1,970 4,179	1,945 3,871	1,854 3,847	3,509	3,459							3,743
Rev	Montana													483
Rev	Nebraska		1,148				1,066							1,172
No.   No.	Non Hembapiles													581
No.   No.	New Jersey	47,512								3,933	3,475		3,796	4,157
Korth Carolina         50,147         3,089         2,763         2,670         2,375         2,447         2,360         2,358         2,386         2,214         2,429         2,423         2,633           Korth Dakota         5,045         446         400         406         443         448         399         457         370         362         451         402         464           Chic         80,566         7,575         6,972         7,219         6,601         5,786         6,446         6,131         6,558         6,025         6,780         6,453         7,220           Oklahoma         10,591         1,671         1,611         1,665         1,530         1,500         1,488         1,462         1,316         1,525         1,540         1,580         1,580         1,580         1,580         1,481         1,462         1,316         1,580         1,540         1,580         1,580         1,590         1,488         1,462         1,314         1,580         1,581         1,176         1,274         1,161         1,097         1,048         1,048         1,227         1,249         1,227         1,249         1,227         1,241         1,362         1,317         1,41	New Moxico													
Ohio-         90,566         7,575         6,972         7,213         6,601         6,786         6,446         6,131         5,588         6,025         6,700         6,453         7,220           Oklahoma-         10,591         1,679         1,611         1,665         1,530         1,590         1,488         1,482         1,316         1,324         1,628           Oregon-         10,491         10,437         9,588         9,854         9,154         9,189         8,489         8,375         8,497         7,847         8,992         8,761         9,705           Rhode Island-         6,125         765         755         762         709         640         606         597         695         579         645         626         748           South Carolina-         17,917         1,862         1,741         1,586         1,451         1,415         1,477         1,435         1,400         1,521         1,565         1,547           Temmessee-         29,774         2,862         2,671         2,891         2,421         2,412         2,317         2,262         2,392         2,104         2,471         2,366         2,625         7,627         7,628         5,199 <td>New York</td> <td></td> <td></td> <td></td> <td></td> <td>2,375</td> <td>2,447</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,423</td> <td>2,633</td>	New York					2,375	2,447						2,423	2,633
Oklahoma         19,591         1,679         1,611         1,665         1,530         1,590         1,488         1,482         1,316         1,525         1,540         1,520         1,540         1,521         1,540         1,532         1,540         1,525         1,540         1,628         1,540         1,482         1,316         1,525         1,540         1,524         1,628         1,482         1,482         1,316         1,525         1,540         1,527         1,249           Femmeylvenia         108,888         10,437         9,588         9,854         9,184         6,007         6,066         597         695         579         645         626         709         640         606         597         695         579         645         626         606         597         695         579         645         626         606         597         695         579         645         626         626         597         695         579         645         626         626         597         695         579         645         626         626         597         695         579         645         626         626         597         1,481         1,481         1,417		5,045												464
Oregon         14,191         1,217         1,295         1,312         1,161         1,274         1,161         1,097         1,049         1,085         1,149         1,127         1,249           Penmaylvania         106,888         10,457         9,588         9,854         9,154         9,109         8,409         8,375         6,497         7,847         8,992         8,761         9,705           Rhode Island         8,125         763         755         762         709         640         606         597         695         579         645         626         748           South Carolina         17,917         1,862         1,741         1,586         1,451         1,415         1,477         1,435         1,400         1,321         1,365         1,547         60th Dalota         5,711         513         465         511         443         435         404         494         475         466         513         464         478           Tennessee         29,774         2,962         2,671         2,691         2,421         2,412         2,517         2,262         2,332         2,104         2,471         2,366         2,542         1,489         1,499		80,566	7,575	6,972		6,601		6,446	6,131	6,358	6,025			7,220
Rhode Island————————————————————————————————————	Oregon		1,879	1,611	1,665 1,312			1,161	1,438	1,462	1,085			1,249
Rhode   Taland   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland   Rhode   Taland	Permsylvania	106,688	10,437	9,588	9,854	9,154								9,705
Couth Delecta         5,711         513         465         511         443         405         404         494         475         466         513         462         478           Tennessee         29,774         2,962         2,671         2,891         2,421         2,412         2,317         2,262         2,392         2,104         2,471         2,366         2,625           Tennessee         64,077         6,028         5,670         5,847         5,086         5,199         5,230         5,372         5,522         4,576         5,163         5,095         5,449           Veraunt         5,193         440         495         372         441         424         390         414         407         454           Verginia         26,907         2,842         2,619         2,610         2,293         2,396         2,301         2,220         2,314         2,144         2,437         2,251         2,490           Virginia         22,294         1,932         1,872         1,919         1,856         1,949         1,761         1,759         1,741         1,739         1,895         1,834         2,017           West Virginia         27,751         1,760	Rhode Island	8,125	763	755	762	709								
Toxins————————————————————————————————————	South Carolina		1,862 513	1,741	1,586 511	1,451 443	1,415			1,400 475	1,321 466		1,321 464	1,547 478
Torms - 64,077 6,028 5,670 5,847 5,086 5,199 5,230 5,372 5,382 4,576 5,163 5,095 5,449 Utah - 5,193 451 1418 497 440 495 372 441 424 390 441 407 454 70 454 141 141 141 141 141 141 141 141 141	Tennessee	29,774				2,421	2,412		2,262	2,392				2,625
Versiont 4,045 374 371 361 345 301 307 324 357 307 326 322 350  Virginia 26,907 2,842 2,619 2,610 2,295 2,396 2,301 2,220 2,314 2,144 2,437 2,251 2,490  Washington 22,294 1,932 1,872 1,919 1,856 1,949 1,781 1,759 1,741 1,739 1,895 1,834 2,017  West Virginia 17,751 1,760 1,557 1,630 1,525 1,490 1,399 1,334 1,402 1,361 1,498 1,339 1,507  Wilsconstitution 27,751 2,760 2,881 2,737 2,752 2,662 2,616 2,771 2,368 2,760 2,649 2,786	Teras	64,077			5,847	5,096	5,199	5,230	5,372	5,362				
Washington———————————————————————————————————														350
West Virginia     17.751     1,760     1,857     1,630     1,525     1,480     1,781     1,759     1,741     1,739     1,985     1,985       West Virginia     17.751     1,760     1,557     1,630     1,525     1,490     1,334     1,402     1,361     1,498     1,339     1,507       Wisconsin     32,703     3,002     2,785     2,891     2,784     2,662     2,615     2,771     2,568     2,760     2,489     2,780	Virginia						2,396	2,301	2,220	2,314	2,144		2,251	2,490
Wisconsin	Washington	22,294	1,932	1,872	1,919		1,949	1,781	1,759	1,741	1,739		1,834	2,017
	West Virginia			1,557		1,525	2,480		2,334	2,402	2 360			
	Wycming	2,393	178	2,736	190	181	2,134	196	192	224	197	200	216	204

Table 5.-DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

Int.		Total	ALL RACES		WHIT	TE:	NECE	RO	IND	IAN	CHIN	ese	JAPA	NESE	AI OIE	
List No.	CAUSE OF DEATH	deaths	Male	Pemale .	М	F	М	F	N	F	М	F	М	F	M	F
	ALL CAUSES	1,444,337	820,931	623,406	725,818	544,771	. 90,732	76,314	2,388	ì 917	1.004	158	674	<b>S00</b>	315	46
	I.—Infectious and parasitic diseases	73,016	46,789	26,227	35,236	18,227	10,794	7,556	447	402	171	· 11	71	24	70	7
1 2 3	Typhoid fever	205 28 -	125 18	80 10	84 15	55 6	36 3	24 4	4 - -	1	-	-	<u>-</u>	<u>-</u> -	r	-
4 5 6	Cholera	55 873	31 493	24 380	27 420	18 329	- 3 71	5 49	1 1	1 2	-		-	-	<u>-</u>	= ′
7 8 9	Anthrax (infaction by Bacillus anthracis) Scarlet fever Whooping cough	5 68 1,146	537 537	3 31 609	1 32 354	31 397	- 5 159	- 161	1 - 25	31			-	-	-	-
10 11 12	Diphtheria (infection by C, diphtheriae) Erysipolas	634 65 506	352 30 320	282 39 186	289 29 194	228 34 115	58 1 124	50 5 69	5	4 - 2			- -	 -	1	-
13-22	Tuberculosis (all forms)	43,833	28,552	15,261	21,616	10,134	6,376	4,846	322	268	135	10	57	19	46	4
13 14 15	Tuberculosis of respiratory system, etc.* Tuberculosis of meninges, etc.* Tuberculosis of intestines and peritoneum	40,420 1,048 382	26,593 583 172	13,827 465 210	20,354 378 96	9,187 320 127	5,744 170 65	4,375 131 74	270 32 9	238 12 9	130 1 1	9	52 1	15 1 -	45 1 -	5 1 -
16 17 18	Tuberculosis of vertebral column Tuberculosis of bones and joints, etc.* Tuberculosis of skin, etc.*	399 101 18	238 67 9	161 34 9	149 55 7	120 26 8	86 12 2	41 8 1	- -	1 1		-	=	-	=	-
19 20 21 22	Tuberculosis of lymphatic system, etc.* Tuberculosis of genito-urinary system Tuberculosis of other organs Disseminated tuberculosis	66 327 101 971	31 218 69 572	35 109 32 399	20 200 51 306	21 101 25 199	10 14 18 255	14 7 6 189	2 6	- 1 8	- 1 - 2	- - 1	1 2	1	1 -	<u>.</u>
23 24	Leprosy	21 496	16 273	5 223	15 227	3 179	1 42	1 37	_	6	i	-	-	1	.1 - 1	-
25 26 27	Gonococcus infection	71	25 30 588	46 16 490	9 19 486	11 6 414	16 11 91	34 9 63	n.	1 1 13	- 1	-	-	-	-	-
2B 29	Malaria	170 38	99 22	71 16	61. 20	. 23	37 2	38 5	1	-	-		-	-	-	-
30 30a 30b	Syphilis (all forms)	11,616 375 2,913	8,474 308 2,197	3,142 67 716	5,598 270 1,378	1,680 59 450	2,794 33 792	1,229 7 265	32 2 5	28 1 1	25 1 13	-	11 1 5	4	14	1
30d 30f 30c,e,g	Ansurysm of aorta	3,639 505 4,184	2,762 291 2,916	877 214 1,268	2,079 110 1,761	624 87 660	666 172 1,131	247 117 593	4 9 12	10 12	5 - 6	-	5 - -	s - 5	3 - 6	ī
31 32 33	Relapsing fever	1 370 5,068	220 2,556	- 150 2,512	1 197 1,913	133 1,849	23 621	17 644	16	- 19	- - 5		- - 1	-	- 2	=
34 35 36	Smallpox	. 5 888 1,895	3 441 1,143	2 447 752	3 582 1,088	376 711	46° 51	1 49 39	13	22	1		=	-	1	- - 2
37 38 39	Acute infectious encephalitis (lethargic) Other diseases due to filtrable viruses Typhus fever and typhus-like diseases'	570 164 177	345 104 109	225 60 68	31.5 85 94	200 52 55	26 14 15	25 6 12	3	- 2 1	-		-	-	i	-
40 41	Ankylostomiasis	6 12	5 11	1	11	1	' 1	-	-	_	-	-	-	-	-	-
42 43 44	Other diseases caused by helminths Mycoses Other infectious and parsitic diseases	54 381 2;467	27 250 1,550	27 131 917	23 187 1,437	18 102 841	57 107	9 29 76	1 1	-	3	-	2	-	3	:
45-55	II.—Cancer and other tumora————————————————————————————————————		99,912	102,474 99.098	92,695	95,663	6;809 6.602	8.625 8,001	106 105	125 125	128 125	18 16	149	39 37	25 24	
45	Cancer of buccal cavity and pharynx	5,712	4,558	1,154	4,261	90,917	270	108	3	_	17	-	146 5	_	2	-
4.5a 4.5b 4.5c	Cancer of tongue	568 1,395 834	522 1,118 646	46 277 188	511 1,042 608	45 254 170	11. 72 33	1 23 18	1	- 1	2 3	-	1 .1		-	-
45d 45e	Cancer of mouth	820 101	612 73	208 28	568 72	178 27	43 1	30 1	-	-	-	-	1	-	-	• -
4.5.T 4.5	Cancer of pharynx	1,994 85,056	1,587 46,703	407 38,353	1,460 43,126	372 35,785	110 3,324	35 2,492	1 64	- 52	12 72	3	2 106	19	2 11.	2
46a 46b	Cancer of esophagus	3,681 26,215	2,917 16,321	764 9,894	2,575	9,022	327 1,496	85 844	32	14	6 17	ē	- 8 - 56	10	3	2
46c 46d 46e	Cancer of intestines, etc.*	338 10,834 22,860	198 6,200 10,422	140 4,634 12,438	189 5,881 9,895	131 4,290 11,822	9 297 497	9 338 598	5	5 14	10	,,,,	7 11	1	1	-
46f 46g	Cancer of liver and biliary passages	10,598 8,234	4,766	5,832 3,481	4,384	5,492 3,271	341. 267	325 203	10	12	18	1	10	2	3	-
46h + 46m	Cancer of mesentery and peritoneum	1,409 887	690 436	719 451	652 375	680 399	34 56	38 52	1 2	1	2	-	1	-	1	-
47 478 475	Cancer of respiratory system	18,970 1,868 70	15,113 1,694 53	3,857 174 17	14,221 1,598 50	3,602 154 15	854 95 3	. 247 19 2	~ 4	6	13	-	16 - -	2	5	-
47c,đ 47e	Cancer of bronchus and lung	16,331 119	12,891 59	3,440 60	12,131 56	3,220 56	726 3	214 4	4 -	5	12	-	14	1	4	-
47 <i>f</i> 48 48a	Cancer of other respiratory organs	562 17,120 7,983	41B	17,120 7,983	385	157 14,458 6,674	27 •••	8 2,622 1,291		1 33 15		3 2		- 3		1
48b 49	Cancer of other and unspecified sites of uterus	9,137 6,142		9,137 6,142	:::	7,784 5.785		1,331 354		18 2	:::	. 1		2	:::	1
49a,b 49c-e	Cancer of overy, fallopian tube, and peremetrium	5,326 816		5,326 816		5,037 748	·	288 66		1		-		-		-
490-e 50	Cancer of breast	19,162	234		209			1,216	l "".	15	! "-	5		1 5	- 1	ī

## VITAL STATISTICS OF THE UNITED STATES

Table 5.-DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued (Exclusive of stillbirths and of deaths smong erred forces overseas)

Int.		traine or at	ALL F		WHI	-	nex		TMD	TAN	CHIN	ese	JAPA	MESSE	IA PPO	LJ. HER
List No.	CAUSE OF DEATH	Total deaths	Male	Female	м	F	M	F	м	7	м	F	м	F	м	y y
51 51b 51s,c-e	II.—Cancer and other tumors—Con. Cancer and other malignant tumors—Con. Cancer of male genital organs————————————————————————————————————	12,764 11,758 1,006	12,764 11,758 1,006		11,677 10,759 918	:	1,066 983 83		14 11 3		3 2 1		3 2 1	:::	1	
52 52m 52b 52c	Cancer of wrinary organs Cancer of kidney Cancer of bladder Cancer of other and unspecified sites	9,763 3,342 6,278 163	6,417 2,122 4,216 79	3,366 1,220 2,062 84	6,067 2,012 3,983 72	3,115 1,156 1,882	341 106 228 7	245 63 175 7	3 -	3 1 2 -	2 1 -	-	4 - 4	3 3 -	-	-
53 54 55	Cancer of skin, etc.*  Cancer of central nervous system*  Cancer of other and unspecified organs	3,568 3,890 14,875	2,111 2,382 7,662	1,457 1,508 7,213	2,063 2,294 7,024	1,406 1,413 6,621	44 83 595	49 92 576	2 2 13	2 - 10	1 2 15	1 4	1 11	- 2 2	1	-
56,57	Nonmalignant tumors and tumors of unapecified nature	5,344	1,968	3,376	1,753	2,746	207	624	1	2	3	2	3	2	1	-
56 56a-c 56d	Hommalignant tumors (including dermoid cysts)- Normalignant tumors of female genital organs Normalignant tumors of central nervous	3,013 1,588	719	2,294 1,588	654	1,780 1;151	62	509 434		2		2 1		1		-
56a	system*	773 652	390 329	383 323	362 292	358 271	26 36	24 51	_ [	1	1	1	1	-	1	-
57	Tunors of unspecified nature	2,331	1,249	1,082	1,099	966	145	11.5	1	- ]	2	-	2	1	-	
57a-c 57d	Tumors, female genital organs (nature unspecified) Tumors, central nervous system* (nature	58		56		46		12		-		-		-		_
57e	unspecified) Tusors, other organs (nature unspecified)	1,550 723	857 392	693 331	766 333	630 890	89 56	62 41	1	-	ž	-	1	1	-	-
	III.—Rheumatism, diseases of nutrition, etc.*	46,730	17,307	29,423	15,991	26,850	1.232	2,511	35	51	21	5	18	4	10	2
58 58a	Acute rheumatic reverAcute rheumatic pericarditis	927 35	443 18	484 17	344 14	360 10	97 4	121 7	1	3	-	-		-	1	-
58b 58c	Acute rheumatic endocarditisAcute rheumatic myocarditis	205 106	98 49	107 57	87 35	86 41	11 14	21 15	- '	- 1	_	-	-	-	<u>-</u>	
58d 58e,f	Other acute rheumatic heart diseases	206 375	96 182	110 193	78 130	84 139	16 52	26 52	1 -	- 2	-	-	-	-	1	-
59 60	Chronic rheumatism, other rheumatic diseases	1,827 3	655 3	1,172	601 3	1,096	52 -	75	1	1 -	_	-	1	-		-
61	Diabetes mellitus	38,638	14,384	24,254	13,456	22,339	858	1,866	28	38	20	5	14	4	8	S
62 63 63a	Diseases of pituitery gland	152 2,513 136	63 456 29	2,057 1,07	57 431 28	1,832 86	6 23 1	9 221 21	1 1 1	4	- -	-	ī	-	ī	=
63b 63c-e	Exophthelmic golter————————————————————————————————————	1,976 401	314	1,662	293	1,473 275	19 5	186	-	3	-	-	1 -	-	1	-   -
64	Diseases of thymus gland	828	492	336	423	293	66	41	2	2	-	-	1	-	_	-
65 66 67	Other general diseases	492 496 12	233 243	259 253 7	211 198	249 210	20 44	10 43	1	- 1	1 -	-	1 -	-	-	-
68	Scirvy  Beriberi  Pellagré (except alcoholic)	66	5 39	27	33	24 200	6	2		1	-	-	-	~	-	-
69 70	Pellagre (except alconolic)	606 41	202 28	404 13	164	296 10	37 11	106	1	2	-	- ;	-	-	-	-
71	IV.—Diseases of the blood and blood- forming organs————————————————————————————————————	129	6,487	5,210	6,054	4,836	411	13 355	7	- 11	6	1	8	7	1	_
72	Hemorrhagic conditions	544	283	261	260	230	21	28	1	2	1			1		_
73 73a	Anemies (except eplenic enemia) Pernicious enemia	2,605 1,453	1,280 699	1,325 754	1,156 670	1,181 712	122 27	1.59 41	2 2	5 1	-	- :	-	-	-	-
7 <b>3</b> b-d. 7 <b>4</b>	Other arcmies (except splenic)	1,152 7,782	581 4,512	3,270	486 4,267	469 3,102	95 228	98 158	4	4 3	4	ī	- 8	- 6	ī	-
74a 74b	LeukemiasAleukemias	7,448 334	4,333 179	3,115	4,091 176	2,951 151	225 3	154 4	4	3 -	4	1	8	-	1	-
75 76	Other diseases of blood and blood-forming	474	262	212	235	194	26	18	-	-	1	- 1	i -	-	-	-
	V.—Chronic poisoning and intoxication-	292 2,550	2,114	436	136	129 322	312	12 108	1,5	1 6	2	-	1	-	-	-
77 78	Alcoholism (ethylism)	2,433 46	2,026	407 5	1,715 32	295 5	296 8	106 1	14	6	1		-	, ,		-
79	Chronic poisoning by other mineral substances	'n	48		37	22	8	î	1	-	1	-	1	-	-	-
	VI.—Diseases of the nervous system, etc.*	145,534	72,220	75,314	63,236	63,527	8,728	9,624	97	119	78	17	69	24	12	3
80 81	Encephalitis (nonepidemic)	1,163 1,651	685 1,094	478 757	572 833	406 563	11.1 251	66 181	1 6	11	4	ī	1 -	1		-
82 83	Diseases of spinal cord (see exceptions)* Intracraniel lesions of vascular origin	2,574 131,036	1,552 64,132	66,904	1,436 56,276	928 57,954	111 7,638	92 8,821	2 72	B9	72	16	62 3		12	3
83a 83b,c 83d	Cerebral hemorrhage or effusion Cerebral embolism, thrombosis, and softening Hemiplegia, other paralysis, etc.	110,394 17,743 2,899	53,659 9,018 1,455	56,735 8,725 1,444	46,706 8,362 1,208	48,703 8,086 1,165	6,767 631 240	7,916 631 274	63 5 4	81 3 5	60 9 3	15 1 -	53 9 -	17 4 -	10 2	3
84 85	Mental diseases and deficiency (see exception)*	1,376 1,969	603 1,178	773 791	474 948	631 664	128 228	141 125	- z	1 2	1	-	-	-	-	-
66	Convulsions (under 5 years)	285	1,176 154 2,423	131	107 2,250	93 2,065	41 164	36 129	6	2 3	ī	-	-	-	-	-
87 88 89	Other diseases of nervous system	4,620 58 622	16	55	10	SO	6	1		1	-	-	ì	1	-	-
03	. Process or our aut magnore brocess	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	505		550	. 200										1

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

Int.	1	Total - ALL RACES WHITE		NEG	RO	IND	TAN	CHIN	ESE	JAPA	nese	AI	II.			
List No.	CAUSE OF DEATH	deaths	Male	Female	м	¥	м -	F	м	F	н	F	м	F	м	F
-	VII Diseases of the circulatory system	505,716	299,352	206,364	275,787	186,428	22,732	19,665	333	204	263	28	174	32	63	7
90-95	Diseases of the heart (all forms)	471,469	281,276	190,193	259,308	171,686	21, 199	18,263	303	183	241	27	166	30	59	4
90	Pericarditis (except scute rheumatic)	469	308	161	247	130	59	31	1	- }	-	-	1	-		<del>-</del> ,
90a 40e	Chronic rheumatic pericarditis	12 457	300	4 157	241	3 127	2 57	30		. [	-1	-1	ī	_	-]	_
91	Acute endocarditis (except rheumatic)	1,102	633	469	498	348	128	117	ī	4	3	-1	1	-	s	-
91a,b 91c	Bacteriel, scute, and subscute endocarditis- Endocarditis (unspecified, under 45 years)	1,026 76	602 31	424	480 18	321 27	115 13	99 J 18 l	1	4	3		1	_	2	=
92	Chronic affections of valves and endocardium	29,544	15,721	13,823	13,753	12,028	1,922	1,768	24	23	10	-	6	4	6	-
92a 92h	Diseases of sortic valve, etc.*	3,052 12,550	1,933 6,395	1,119 6,155	1,595 5,615	860 5,421	332 759	255 720	11. 3	13	5		3	ī	2	-
92c	Chronic rheumatic endocarditis, etc.*	2,037	1,193	844	1,130	776	62	65	1	. 1	-	-	-	2	-	-
92a 92a	Other chronic endocarditis, etc.* Endocarditis (unspecified, 45 years and over)	10,579 1,326	5,501 699	5,078 627	4,847 566	4,462 509	641 128	611 117	6	1		-	2	1	2	-
93	Diseases of the myocardium	246,250	130,455	115,795	118,099	104,465	11,941	11,199	143	93	157	17	85	17	30	4
93a	Acute myocarditis (except rhowmatic)	2,895	1,563	1,332	1,311	1,073	248	258	2		-1	-	1	ī	-	-
93b 93c	Myocarditis (unspecified, under 45 years) Chronic rheumatic myocarditis, etc.*	259 1,265	145 578	114 687	103 527	65 646	40 50	48 41	1	1	1	- 1	1	-1	- []	-
95đ	Other chronic myocarditis, etc. *	227,042	119,802	107,240	108,945	97,151	10,482	9,971	123	82	347	. 17	79	15	26	4
95e 94	Other myocarditis (unspecified)	14,789 160,520	9,367 114,373	6,422 46,147	7,213 109,582	5,530 43,025	1,121 4,570	881. 3,078	16 84	10 33	9 52	4	65 65	7	19	-
94a	Diseases of coronary arteries	157,833	112,526	45,307	107,880	42,290	4,427	2,974	82	32	52	4	66	7	19	-
9 <b>4</b> & 95	Angina pectoris	2,687 33,584	1,847	840 13,798	1,702	735 11,690	143 2,579	104 2,070	2 50	30	19	- 6	7	ž	2	-
95a	Functional diseases of heart, etc.*	1,039	535	504	498	457	37	46	-	1	-		- ]	-	-	-
.95b .95c	Other diseases of heart (rheumatic) Other diseases of heart (not rheumatic)	7,423 25,122	3,645 15,606	3,778 9,516	3,313 13,318	3,360 7,873	322 2,220	406 1,618	2 48	8 21	6 13	2	6	2	1	=
'96	Ansuryam (except of heart and aorta)	2,613	1,734	879	1,589	777	135	97	2	4	6	-	1	1	1	-
97	Arteriosclerosis (except coronary or renal sclerosis)	25,629	13,245	12,384	12,266	11,542	944	826	3.6	13	11		5	1	3	1
98	Gangrane	348	1,93	1,55	143	131	45	23	4	ű	-	-1	ĭ	-	-	-
99 100	Other diseases of arteries	2,055 1,420	1,151 711	904 709	1,069 638	825- 644	79 72	79 64	2 1	ī	1		<u>-</u>	-	- 1	-
101	Diseases of voins	49	26	23	21	21.	4	2	-1	-	ij	-	-	-	-	=
102 103	High blood pressure (idiopathic) Other diseases of circulatory system	1,936 197	895 121	1,041	669 84	747 55	219 35	291 20	5 2	1	3		1	_		2
	VIII Diseases of respiratory system	65,929	38,381	27,548	32,412	22,889	5,597	4,381	265	247	62	14	24	11	21	6
104	Diseases of masal fosses, accessory sinuses	451	253	198	170	125	77	70	5	3	1			-		<u> </u>
105	Discass of Larynx	245	133	112	117	93	15	19 135	1 5	ū	-	-	-	- 1	- [	-
106 107-	Bronchitia	3,450	2,098	1,352	1,908	1,205	181	133			3	-	-	-	3	-
108	bronchitis)	27,722 18,028	15,315 10,993	12,407 7,035	12,954 8,979	10,323 5,679	2,181 1,922	1,933 1,289	135 61	137 58	27 19	9	. 12 . 5	3 3	8 7	2 3
109	Pneumonia (unspecified)	5,675	3,245	2,430	2,617	1,961	574	438	49	29	3	1	ì	ĭ	1	=
109A 109B	Atypical or virus pneumonia	1,160 4,515	652 2,593	508 1,922	576 2,041	456 1,505	71. 503	51 387	3 46	29	3	1	1	ī	1	=
110	Pleurisy (not specified as tuberculous)	1,108	699	409	589	342	105	63	3	3	ī	_	ı	1	_1	-
111	Hemorrhagic infarction, thrombosis, edema*	4,114	2,086	2,028	1,871	1,814	204	211 139	4	2	3 5	- 1	3 2	1	1	1
112 115	Pulmonary emphysema	2,627 449	1,635 364	992 85	1,465 339	850 77	162 22	139	ī	-	-	-	-	-	ş	_ =
114	Dther diseases of respiratory system (except tuberculosis)	2,060	1,560	500	1,403	420	154	76	3	3	_	_	_	1	_ [	_
114a,b	Bilicosis, other forms of pneumoconioses	627	621	6	607	5	14	1	-	-	-	-	-	-	-	-
141c-e	Other diseases of respiratory system (except tuberculosis)	1,433	939	494	796	43.5	140	75	3	3	-	-	-	1	-	-
	IXDiseases of the digestive system	63,319	37,657	25,662	33,755	- 22,688	3,588	2,802	197	150	58	9	33	12	26	-1
115	Discuses of buccal cavity and admexa, etc.*	1,310	687	623	563	507	118	112	3	2	1	1	2	1	-	
116 117	Diseases of esophagus	285 8,708	169 7,126	116	145 6,618	103 1,409	24 468	13 167	4	4	22	1	n.	ī	3	-
11.7e	Ulcer of stomach	5,297	4,310	987	3,939	859	346	123	2	3	12	1	10	1	1	-
117ь 118	Other diseases of stomach (except cancer)	3,411 1,259	2,816 759	595 500	2,679 564	550 309	122 190	187	4	4	10	_	1	-	2	-
119	Diarrhea, enteritis, etc.* (under 2 years) Diarrhea, enteritis, etc.* (2 years and over)-	6,908	3,878	3,030	3,111	2,501	638	452	121	77	3	-	ž	-	5	-
120 121	Diarrhea, enteritis, etc.* (Z years and over)-   Appendicitis	1,923 4,171	933 2,553	990 1,618	784 2,244	838 1,396	135 297	141 217	12 7	9	ĩ	ĩ	3	2 1 2	ī	_
122	Hernia and intestinal obstruction	10,099	5,253	4,846	4,534	4,260	688	571	22 8	13 7	5 3	-	3 2	2	2	-
122a 122b	Hernia	4,321. 5,778	2,556 2,697	1,765 3,081	2,243	1,651 2,609	301 387	107 464	14	6	2	-	2	2	1	-
123	Other diseases of intestines	1,992	1,081	911	971	804	103	106	3	-	1	-	1	1	2	-
124 124a	Cirrhosis of liver with mention of alcoholism	16,512 2,885	10,921 2,082	5,591 803	10,259 1,974	5,148 745	61.6 96	424 54	9	13	2 <u>1</u> 8	3 1	3	2	9 ~	1
124b	Cirrhosis of liver without mention of	_	il .	1			520	370	. 8	10	13	2	Ι.	2	9	1
125	Other diseases of liver	13,627 1,886	8,839 956	4,788 930	8,295 830	4,403 789	122	138	2	10 1	1	1	4 -	ī	1	-
126	Biliary calculi	3,775	1,263 968	2,512 1,505	1,228 909	2,441 1,413	24 55	56 86	5 2	14 6	1	1	4	-	1	_
127 128	Diseases of pancreas (except diabetes mellitus)	2,473 1,213		526	629	463.	57	43	1	1	-	1	Ι-	-	- [	-
129	Peritonitis (cause not stated)	805	423	382	366	289	53	89	2	3	1	-	-	1	1	-
	X.—Diseases of genito-urinary system	90,549	51,356	39,193	43,322	32,499	7,865	6,618	84	57	51.	31	24	5	10	3
130 131	Acute nephritis	2,136 71,666	1,214 38,147	922 33,519	896 32,080	640 27,991	321. 5,945	275 5,475	4 55	6 40	2 41	9	18	3	8	1
131a	Arteriosclerotic kidney	55,407	29,062	26,345	24,518	22,120	4,452	4,189	38	31	35	-4	15	1	7	-
131b 132	Other chronic nephritis	16,259 3,575	9,085 2,029	7,174 1,546	7,562 1,581	5,871 1,204	1,493 441	1,286 339	17 6	9 2	9	5 1	3		1	.1.
133	Other diseases of kidneys, wreters, etc.*	3,187	1,708	1,479	1,443	1,291	257	162	3	4	3 2	ī	3			1.
134 135	Calculi of urinary passages Diseases of urinary bladder	1,542 551	ll 334	217	257	450 197	75	37 20 6	1 2		3	-		1	-	-
136	Diseases of wrothra (except calculus)	274	247	27	167	20	78	[ 6	1 s	ī	-	٠ -	ı -	ı -	- 1	

# VITAL STATISTICS OF THE UNITED STATES

Table 5.-DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948-Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

	(Aze	lusive of st	TILVIF WIR	and or de	arms amone	s armed ic	rces over	Beds)								
Int.		Total	ALL F	IACES	WHO	TE	N2G	RO	מואבו	IAN	CHIN	rest	JAPA	NESE		II. Her
List. No.	CAUSE OF DEATH	deaths	Male	Female	м	F	м	F	м	F	M	F	м	F	м	ľ
	N.—Diseases of genito-urinary system—Continued															
137	Diseases of prostate	6,790	6,790		6,090	•••	682		1.3	i	г		,		2	
137a	Hypertrophy of prostate	5,808	5,808		5,224		569		13		1		1		1	
137ь 138	Other diseases of prostate	982	982	•••	866		113		-		ī		1		i	
	venereal)	34	34		25		9		-		-		-		-	
139 139a	Diseases of female genital organs Diseases of ovaries, fallopian tubes,	994		994		706		294		4		-	•••	-		-
139ъ	parametria	580 392		580 392		353 339		223 53		4	•••	-		-		-
139c	Diseases of other female genital organs*	22		22		14	::: [	B		-	:::			-	:::	
	XI. —Diseases of pregnancy, childbirth, and the puerperium	4,122		4,122		2,753		1,316		44		4		3		į _
140	Abortion with mention of infection	289		289		174								Ť		_
141	Abortion without mention of infection	207		207		147	• • •	112 56	:::	3 4	:::	-	:::	_	:::	_
14la,c	Abortion (nonseptic), spontaneous, thera- peutic, with toxemia*	62		62		49		12		1				_		
1416	Abortion (nonseptic), spontaneous, there- peutic, without toxemia*	70		70		47		22		1					```	
141d-f	Other abortions (nonseptic)*	75		75	[]	51		22		2	:::	-[		-		
142 142a	Ectopic gestation Ectopic gestation, with mention of infection	243 43		243 43		136 27		105 16	····	1	:::	- 1		_	:::	-
142b	Ectopic gestation, without mention of infection	200		300		109		89		1		1				
143	Hemorrhage of pregnancy (death before		ļ										•••	-		
144	delivery)	55 458		55 458		38 265		17 186	•••	7	:::	-	• • • •	_	:::	
145	Other diseases of pregnancy (death before														Ì	
145A	With mention of infection	258 171		258 171		191 189	:::	66 41		1		-	•••	-	:::	
1459 146	Without mention of infection	87 718		87 718		62 508		25 198	••••	- 9		- 2		1		-
147	Infection during childbirth and puerperium	706	:::	706		505	:::	194	:::	5		-		ş	:::	
148	Puerperal toxemias (excluding death before delivery)	644		644		417		222		5		_		_		_
149	Other accidents and specified conditions of childbirth	302		302		218		79		4		1				
150	Other and unspecified conditions of child-								1			_			1	
	birth and puerperium	242		242	•••	154	•••	83		5	•••	-		•		-
	cellular tissue	941	427	514	355	401	66	109	5	1	1	2	~	1	_	
151 152	Carbuncle and furumcle	41 137	35 72	6 65	32 61	4 45	3 10	50 5	-	-	ī	-	-	- 1	-	-
153	Other diseases of skin and cellular tissue	763	320	443	262	352	53	87	5	1	-	5	-	1	- 1	-
	XIIIDiseases of the bones, etc.*	759	413	346	358	310	51	36	2	-	1		1	-		
154 155	Osteomyelitis and periostitis	170 191	118 62	129 52	88 56	43 123	26 6	9	5		1	-	1	-	-	
156	Diseases of joints, other organs of movement	398	233	165	214	144	19	21	-	-	-	-	-	-	-	-
	XIV.—Congenital malformations	19,246	10,649	8,597	9,706	7,856	878	702	45	26	9	6	9	3	2	4
157a-d	Congenital malformations of central nervous system	5,860	2,615	3,045	2,600	2,854	198	182	13	. 4	_	2	4	1	_	2
157e,f	Congenital malformations of cardiovascular system	9,016	5,221	3,795	4.772	3,438	412	336	24	17	7	2	4		2	s
157g,h,m	Other congenital malformations	4,370	2,613	1,757	2,334	1,564	269	184	8	5	s	ž	1	2	- [	
	XV. —Diseases peculiar to the first year of life	61,543	36,229	25,314	30,563	20,904	5,456	4,250	134	119	34	21	28	15	14	5
158	Congenital debility (cause not stated)	1,613	945	668	636	471	287	185	21	12	1	-	-	-		
159 160	Premature birth (cause not stated)	39,085 12,191	22,502 7,508	16,483 4,683	18,970 6,563	13,497 4,026	3,521 908	2,905 626	65 19	57 21	20 8	11	15 8	9	11	4
161	Other diseases peculiar to first year of life-	B, 654	5,174	3,480	4,394	8,910	740	534	\$9	59	5	4	5	3	ĩ	; =
162	XVISenility	9,209	4,147	5,062	3,452	4,303	662	724	27	34	1		5	-		1
	XVII Violent or accidental deaths	123,009	86,356	36,653	74,075	32,688	11,675	3,806	402	128	101	9	58	19	45	3
163,164	Suicide	16,354	12,505	3,849	11,989	3,731	434	104	50	5	40	2	14	6	в	1
163 164	Suicide by poisoning	3,630 12,524	2,251	1,579 2,270	2,186 9,803	1,545 2,186	56 378	31 73	1 · 19	1	3 37	1	3 11	1 5	6	1
165-168	Homicide <sup>1</sup>	8,536	6,651	1,885	2,908	972	3,686	898	44	15	3	_	3	_	7	_
166	Homicide by firearms	4,894	3,936	958	1,778	533	2,135	422	16	3	1	-		-	6	-
167 168	Homicide by cutting or piercing instruments	2,074 1,568	1,630 1,077	436 491	382 748	108 331	1,243 308	324 152	9 19	4 8	ž	-	3	-	1	-
169-195	Accidental deaths	98,001	67,082	30,919	59,143	27,985	7,474	2,804	336	108	58	7	41	13	30	z
169	Railway accidents (except collisions with motor vehicles)	2,502	2,259	243	1,904	199	326	42	25	2			3		,	}
170	Motor-vehicle accidents	32,259	24,681	7,378	22,343	6,731	2,356	608	129	33	17		18	5	18	ī
170a 170b	Collisions between automobiles and trains Collisions between automobiles and	1,474	1,106	368	1,033	349	68	18	1	-	-	-	4	1	-	-
170c	Automobile accidents (except collisions	83	63	20	47	18	16	2	-	-	-	-	-	-	-	-
	with trains or streetcars)	29,915	23,000	6,915	20,578	6,290	2,246	587	127	33	17	-	14	4	18	1
170a	Motorcycle accidents (except collisions with automobiles)	787	712	75	685	74	26	1	1	-	_	-	-	-	-	-

\*Refer to International List for complete title, table IX. Includes figures for intenticide (185).

TABLE 5.-DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948-Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

Int.			ALL R	ACES	WHI	TE	NEG	RO	IND	IAN	CHIN	ESE	JAPA	nese		LIL HESTR
List No.	CAUSE OF DEATH	Total deaths	Male	Female	м	y	м	F	м	F	м	F	м	F	M	F
	XVII. — Violent or accidental deeths — Continued															
·	Accidental deaths—Continued ·														ļ	
171 171a	Streetcar and other read-transport accidents Streetcar accidents (except collisions	484	380	104	31,9	94	56	10	3	-	Z	-	-	-	-	-
171Ъ	with trains or motor vehicles) Other and unspecified road-transport	325 159	250 130	75 29	215	69 25	32 24	6	. z	-	2	-	-	-	-	-
172 175	accidents	1,364 1,912	1,246 1,739	118 173	1,092	100 172	148 17	18 1	5	-	-	-	1 2	-	-	Ξ.
174	Accidents in mines and quarries	1,348	1,338	10	1,230	10	106	-	2	-	-	-	-	-	-	-
175	Agricultural and forestry accidents	2,294	2,154	140	1,948	130 127	181 140	9 7	22 15	1	1	-	1	-	1	-
175a-c 175a,e	Agriculturel accidentsForestry accidents	1,866 428	1,731 423	135 5	1,573 375	3	41	2	7	-	-	-	-		-	-
176	Other accidents involving machinery	1,240	1,205	35	1,054	33	148	2	3	-	-	-	-	-	-	-
177 178	Food poisoning	277 2,002	150 1,334	127 668	1,225	83 <b>626</b>	41 97	44 40	2 5	ž	5	-	-	-	ī	-
179	Acute accidental poisoning by solids or liquids	1,436	854	582	709	491	134	89	6	1	3	1	1	-	1	-
1.60	Conflagration	3,075	1,872	1,203	1,392	808	466	388	12	6	1	- [	_	1	1	-
161 162	Accidental burns (except conflagration) Accidental mechanical suffocation	4,593 1,863	2,444	2,149 709	1,910 897	3,606 550	515 237	525 153	13 14	16 5	3	. 1	3	1	1	_
183	Accidental drowning	5,299	4,514	785	3,706	682	765	93	27	6	ě	ī	5	2	3	1
184	Accidental injury by firearms	2,270	1,988	282	1,587	204	368	76	13	2	-1	-	-	-	-	_
1.85	Accidental injury by cutting or piercing instruments	268	199	69	149	41	48	27	2	1	-	-	-	-	-	-
186	Accidental injury by fall or crushing	24,697	11,300	13,387	10,654	12,982 12,955	613 561	379 372	20 20	22 22	10	2	2	2 2	1	-
186a 186b	Accidental injury by fall	24,266 421	. 10,913 387	13,353 34	10,320	27	52	7	-	-	í	-	-	-	]	_
187	Cataclysm, etc.*	243	147	96	129	79	17	16	-	- 1	~	-	1	1	-	-
188	Injury by animals (except in agriculture and forestry)	95	74	21	64	1.7	9	4	1	-	_	_	_	_	_	_
				i I	1											
189 190	Excessive cold	35 345	17 261	18 64	13 208	12 36	3 67	5 26	1 5	1 2	ī	_	_	[ ]	_	_
191	Excessive hest	392	285	107	223	87	61	20	-	-	ī	-	-	-	-	-
192	Lightning	256	209	47	166	34	42	13	1	-	-	-	-	-	-[	-
193	Accidents due to electric currents (except lightning)	871	815	56	764	54	49	2	2	-	-	-	-	· -	-	-
194	Poisoning by venomous animals (except in	40	30	10	25	6	4	4	1	_	l _i	_	_		أ۔	_
195	ogriculture and forestry)*	6,551	4,213	2,338	3,606	2,118	· 580	210	20	8	3	1	2	1	2	-
195a	Sequeloe of preventive immunization, etc. *	10	6	4	6	3	-	1	-	-	-	-	-	-	-1	-
195b	Other accidents due to medical or surgical intervention	48	23	25	16	19	7	5	_	ı	_	_	_	_	_	-
1950	Obstruction, suffocation, etc.*	1,299	763	516	664	436	115	78	4	1	-	1	-	-1	-	-
195c,e	Other and unspecified accidents	5,194	3,401	1,793	2,920	1,660	45B	1.26	16	6	3	-	2	1	5	-
196	beaths of military personnel during									'		_	_	.		_
197	Deaths of civilians due to operations of war-	] [	] [	-		_		_	-	-	-	_	- 1		_	-
198	Legal executions	118	118	-	35	-	81.	-	2	-	-		-	-	-	-
	XVIII Ill-defined and unknown causes	18,062	11,135	6,947	7,037	3,627	3,876	3,124	187	193	17	2	- 2	1	16	
199	Sudden death	1,115	746	369	511	195	526	169	7	5	1	-	-	-	,1	
200	Ill-defined and unknown causes	16,967 7,958	10,389 5,176	6,578 2,762	6,526 3,852	3,432 1,863	3,650 1,268	2,955 881	180 42	188 36	16 8	2	2	ᆲ	15 4	_
200a 200b.c	Unknown or unspecified causes	9,009	5,213	3,796	2,674	1,569	2,382	2,074	138	152	В	ī	-	-	ᄁ	-
		·	<u> </u>	لنئـــا		لسنسا				·				ــــــــــا	-	

### TABLE 6.-DEATHS FROM SELECTED CAUSES:

(By place of occurrence. Exclusive of stillbirths and or deaths among armed-forces

			· · · · · · · · · · · · · · · · · · ·													
	ARRA	Total deaths	Typhoid and para- typhoid fever	Cerebro- spinal (meningo- coccus) menin- gitis	Scorlet fever	Whaop- ing cough	Diph- the- ria	Tuber- culosis (all forms)	Dysen- tery	Malarie 28	Syph- ilis	Measles 35	Polio- myelitis, polio- encepha- litis (acute)	Canner and other malignant tumora	Acute rheu- matic fever	Diabetes mellitus
		1	1,2	•	8	9		10-22	21	~	~	35	20	45-55	36	°
1	UNITED STATES	1,444,337	233	873	68	1,146	634	43,833	1,078	170	11,616	688	1,895	197,042	927	38,639
2	Alabama	26,356	5	29	3	59	3B	1,,009	27	15	295	14	16	2,604	36	410
3	Arizona	7,122	5	3	-	21	6	673	ž1	-	68	22	18	612	3	107
4	Arkansas	14,954	8	7	1	34	11	681	14	21	149	19	12	1,632	13	232
5	California	99,320	11.	62	1	25	47	3,309	39	1	873	44	355	14,156	27	2,207
_	Colorado	10 001	Ι,	١,,				420	٠,,		102	7	10	1 507	ا ا	245
6 7	Connecticut	12,824 19,419	1 1	11 8	3	23	B 3	420 516	10		102	2	12 2	1,607 3,401	6	245 654
á	Delaware	3,466	3	3	_	2	1	117	ű	1 :	29		4	443	2	116
9	District of Columbia	8,388	3	4	-	ĩ	3	328	î	-	119	4	B	1,294	4	236
			-								1	1				
10	Florida	25,881	5	11	1	21	15	727	19	12	272	7	18 8	3,029	1.7 31	530 461
11	GeorgiaIdaho	29,584	9	18 6	1	42 3	28 3	970 65	51 1	5	279 19	9 3	5	2,969 528	31	104
12 13	Illinois	4,783 89,908	5	54	-	26	10	2,613	76	5	604	84	66	13,670	42	2,788
		,	l	· ~*		l ~~	~	_,,,,,,	l <u>-</u> ~	ľ	```		"			-,
14	Indiana	39,372	4	34	2	22	18	898	10	2	312	35	28	5,206	25	1,022
15	Iowa	26,150	3	20	1	4	2	239	4	1	144	26	во	3,897	11	746
16	Kansas	18,648	2	13	2	13	S	242	ı	-	128	1	26	2,589	9	426
17	Kentucky	27,753	10	31	2	57	28	1,281	67	s	187	39	ינו	3,059	1.9	459
18	Louisiana	23,694	1,2	25	2	38	1,8	993	18	17	402	14	1.6	2,823	15	463.
19	Maine	9,981	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	3	5	3	191	2		45	-6	Ĩ	1,452	3	243
50	Maryland	22,904	5	8	_	6	9	1,107	4	-	273	7	7	3,087	13	667
21	Massachusetts	52,712	4	24	1	13	27	1,390	25	3	258	19	5	8,587	15	1,730
			i		_							۔۔				,
22	Michigan	56,551	4	32	1	.9	. 8	1,571	17 2	s	503 135	45 11	55 93	7,956 4,486	23 13	1,765 765
23 24	Minnesota	27,858 20,043	4 2	12 18	3	14 29	15 14	507 633	31	13	204	27	27	1,822	24	310
25	Missouri	42,892	12	18	2	35	9	1,046	23	3	360	31	32	6,198	22	990
	Manager 1	10,001		~~	-		1	,				l		1	İ	1 1
26	Montana	5,849	-	2	-	6	3	133	1		39	13	7	711	2	120
27	Nebraska	12,541	1	4	1	8	2	166	1	-	69 15	12	31 1	1,943 181	4	374 23
Z8	Nevada	1,680	1 :	7	1	3		56 67	1	1 -	46	2	2	958	-	166
29	New Hampshire	6,197	-	"	_ +	l	-	67	l -	1	**			1	l	1 1
30	New Jersey	47,512	5	20	2	6	4	1,358	- 3	1	337	18	40	7,459	30	1,549
31	New Mexico	5,711	3	3	-	44.	9	312	39	- 1	58	8	6	450	10	55
32	New York	157,766	6	61	2	30	10	5,159	1.5	2	1,194	48	53	25,621	81	6,207
33	North Carolina	50,147	7	21	1	44	31	999	18	1	199	6	146	2,814	30	576
ا پر	Wanth Dabata	E 045		7	2	2	6	56	,	1	20	7	9	.619	3	169
34 35	North Dakota	5,045 80,566	ıı.	66	4	53	25	2,133	21	2	802	61	86	11,303	4.5	2,521
36	Oklahoma	18,591	5	9	_	44	15	587	27	6	158	9	33	2,412	9	389
37	Oregon	14,191	-	3	-	5	5	236	2	-	100	3	12	1,979	7	282
	-			l	_		ا ۔۔ ا	T 007	6	3	770	24	47	15,663	107	3,554
38	Pennsylvania	108,888	14	55	8	47	15 1	3,083 200	8 2	] 3	45	1	7.	1,177	i	331
39 40	South Carolina	8,125 17,917	17	13	2	75	42	543	12	12	226	3	17	1,486	16	310
41	South Dakota	5,711	1 *:	ļ	-	a	-	122	i -	-	31	5	99	686	4	166
		,		1		l					l				۔ ا	l l
42	Tennessee	29,774	11	29	8	46	24	1,478	29	8	235 591	21 86	32 191	3,207 6,943	49 44	1,081
43	Texas	64,077	20	34	1	117	61	2,600 63	459 5	27	591	86 2	191	594	9	1,061
44	Utah	5,193	1	7	1	5	3	114	1	1 :	15		1 -	595	5	108
45	Vermont	4,045	II -	! *		1 1	-	114	1 1	l "	~~	}	i		i	
46	Virginia	28,907	8	27	1	40	17	1,061	12	-	279	16	88	2,999	43	643
47	Washington	22,294	ì	3	-	4	10	612	4	2	131	9	44	3,021	10	484
48	West Virginia	17,751	5	59	3	38	21	632	15	1 2	167 150	32 15	14 90	1,903 4,975	20 17	380 1,061
49	Wisconsin	32,703	-	12	-	14	3	505 32	4	1 E	22	ü	8	237	2	43
50	Wyoming	2,393	· ·	3	_	3	1 1	JZ.	<u> </u>	<b>_</b>						

UNITED STATES AND EACH STATE, 1948

overseas. Numbers under causes of death are International List numbers, 1938 revision)

Pellagra (except alco- holic)	Intre- cranial lesions of vas- cular origin	Diseases of the heart	Pneumonia (all forms) and in- fluenza	Diarrhea, enteri- tis, and ulcera- tion of intes- times	Nephritis	Diseases of pregnancy, childbirth, and the puerperium	Congeni- tal malfor- mations	Prenature birth	Other diseases peculiar to early infancy	Suicide	Homi- cide	Motor- vehicle accidents	Other accidents	Senility, 111- defined and unknown causes	All. other causes	
69	93	90-95	107- 109,33	119,120	130-132	140-150	157	159	158, 160,161	163,164	165-168	170	169, 171-195	162, 199.200		
606	131,036	471,469	56,493	8,831	77,377	4,122	19,246	39,085	22,458	16,354	8,536	32,259	65,742	27,291	164,391	1
70	2,687	6,439	1,441	175	2,004	169	339	1,071	542	190	451	720	1,224	1,844	2,410	2
2	411	1,591	444	236	243	29	117	241	170	103	55	309	441	289	883	3
16	1,522	3,911	893	93	1,024	100	166	373	215	124	145	378	807	747	1,606	4
13	7,771	33,914	4,052	543	3,821	205	1,367	2,482	1,567	1,794	470	2,957	4,042	606	12,559	5
2 -	1,010	3,633	687	173	718	31	217	369	276	195	59	357	769	145	1,727	6
	1,687	7,133	475	46	827	25	271	370	241	243	35	270	795	137	2,144	7
	264	1,160	121	9	297	8	27	86	40	51	18	83	146	40	395	6
	588	2,464	279	22	708	25	120	260	169	98	89	69	407	20	1,065	9
27	2,572	7,658	901	132	1,541	117	293	784	429	342	379	731	1,307	979	3,005	10
83	3,544	7,298	1,488	247	2,483	202	368	1,039	590	280	534	796	1,347	1,081	3,323	11
1	444	1,411	176	21	263	10	81	161	109	99	19	206	372	136	534	12
5	7,138	33,806	2,710	245	5,054	155	1,069	1,906	1,075	876	486	1,916	3,680	296	9,508	13
4	4,205	12,347	1,390	216	2,820	93	534	1,001	505	507	163	1,113	1,913	295	4,650	14
1	2,992	8,577	907	100	1,313	46	377	595	386	359	36	622	1;350	285	3,024	15
4	2,122	6,014	561	86	1,193	38	222	381	272	205	62	521	989	277	2,247	16
14	2,762	7,797	1,517	422	1,732	111	394	832	532	274	316	724	1,394	640	3,040	17
16	1,968	7,356	1,306	158	1,419	120	327	959	551	157	228	521	1,143	425	2,392	18
-	1,069	3,401	424	49	552	17	133	192	162	120	15	181	,420	163	1,125	19
4	1,700	7,770	744	66	1,685	45	347	550	317	322	177	423	974	91	2,496	20
2	4,868	20,329	1,849	161	1,965	74	670	1,007	586	470	63	481	2,115	358	5,813	21
6	5,245	18,727	1,916	333	2,474	117	950	1,827	840	640	208	1,540	2,467	565	6,707	22
2	2,951	8,923	1,097	75	822	48	443	720	455	342	52	580	1,354	282	3,652	23
29	1,974	4,337	957	130	1,635	172	196	685	419	122	323	467	975	2,592	1,895	24
3	4,316	14,136	1,829	203	2,809	87	497	847	599	429	239	829	1,840	568	4,880	25
1	582	1,794	196	31	242	14	58	162	99	89	16	172	420	215	722	26
	1,310	3,829	433	44	653	22	169	361	165	172	32	275	661	257	1,542	27
	110	492	77	2	64	6	24	60	29	55	19	94	133	39	196	28
	619	2,300	240	16	271	15	80	139	68	82	5	90	224	74	725	29
1	4,072	17,595	1,328	87	2,537	70	495	1,012	555	605	127	623	1,839	224	5,511	30
4	277	963	395	275	202	43	100	323	166	50	44	275	342	674	581	31
5	10,827	61,397	5,278	388	5,748	258	1,622	3,281	1,754	1,591	431	1,868	6,258	705	17,666	32
40	3,359	8,058	1,463	227	2,430	206	510	1,307	701	320	420	813	1,411	914	3,075	33
3 37 1	519 8,176 2,001 1,386	1,520 26,330 5,083 4,284	164 2,828 816 530	34 483 117 33	236 4,348 1,006 948	17 164 54 15	76 1,075 252 209	183 1,945 609 334	113 1,242 318 211	47 977 162 216	5 358 109 56	109 1,950 480 440	327 3,454 959 910	153 996 715 339	9,306 2,170 1,646	34 35 36 37
5	9,180	39,070	3,744	358	6,375	227	1,318	2,362	1,376	1,136	298	1,768	4,414	1,170	12,691	38
-	700	3,151	225	22	457	21	105	181	94	51	19	62	316	31	929	39
33	1,968	4,602	995	142	1,505	139	224	694	404	104	251	552	828	894	1,809	40
-	617	1,644	224	21	222	16	95	193	89	66	12	155	338	162	735	41
46	3,058	7,601	1,623	229	1,764	146	429	1,044	622	265	375	693	1,172	1,970	3,113	42
96	5,336	16,242	3,324	1,798	3,071	301	960	. 2,592	1,296	624	753	1,978	3,204	2,770	7,477	43
-	396	1,626	193	25	221	14	97	212	153	37	14	238	317	179	613	44
3	363	1,415	144	7	190	8	60	86	54	50	3	82	189	28	518	45
23 2 - - 2	1,673	8,300 7,343 4,726 11,281 691	1,285 668 673 965 118	183 49 191 113 13	1,960 957 948 1,487 133	112 33 64 85 8	423 297 324 485 35	1,109 593 680 783 102	609 361 399 486 47	338 330 198 408 40	309 74 144 26 14	748 560 441 843 156	1,392 1,291 1,285 1,597 191	554 511 675 337 45	3,242 2,545 1,870 3,726 283	46 47 48 49 50

# VITAL STATISTICS OF THE UNITED STATES

### TABLE 7.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS

(Exclusive of stillbirths and of deaths among armed forces overceas. Numbers

					TYPE OF	SERVICE
	CAUSE OF DEATH	Total. deaths	Deaths not in institutions	Deaths in institutions	Monresident	institutions
					Total.	General hospitals
1	AIL CAUSES	1,444,337	749,995	694,342	593,411	551,824
2	Typhoid and paratyphoid fever	233	63	170	164	161.
3		873	145	728	714	635
4		68	34	34	31	27
5	Whooping cough9 Diphtheria	1,146 634	690 206	456 428	443 411	402 389
7	Tuberculosis (all forms)       13-22         Tuberculosis of respiratory system, stc.*       13-22         Tuberculosis (other forms)       14-22	43,833	13,480	30,353	25,995	13,163
8		40,420	12,702	27,718	23,515	11,096
9		3,413	778	2,635	2,480	2,087
10	Dysentery	1,078	638	440	354	347
11		170	123	47	39	39
12	Syphilis	11,616	5,132	8,484	4,898	4,649
13		898	466	422	361	313
14		1,895	171	1,724	1,694	1,412
15	Cancer and other malignant tumors	197,042	97,289	99,753	89,522	84,354
16		85,056	41,730	43,326	39,174	37,397
17		23,262	12,479	10,783	9,600	8,977
18		19,162	10,994	8,169	6,976	6,369
19	Acute rheumatic fever	69,562	32,086	37,476	33,772	31 611
20		927	396	531	517	486
21	Diabetes mellitus	38,638	17,599	21,039	18,991	18,324
22		1,976	947	1,029	951	940
23		606	446	160	123	118
24		2,433	1,668	765	654	563
25		131,036	74,788	56,248	45,579	42,783
26	Diseases of the heart	471,469	302,541	168,928	131,691	124,636
27		23,287	12,755	10,532	9,495	9,139
28		160,520	115,523	44,997	39,142	37,956
29		287,662	174,263	113,399	83,054	77,541
30		27,565	15,096	12,469	6,460	5,449
31	Pneumonia (all forms) and influenza	56,493	25,786	30,707	24,979	23,535
32		27,722	11,379	16,343	12,623	11,612
33		18,028	7,763	10,265	6,800	9,529
34		5,675	3,019	2,656	2,381	2,269
36 37	Influenta	5,068 8,708 8,831	3,625 1,965 3,367	1,445 6,743 5,464	1,175 6,406 5,194	1,125 6,322 4,785
38	Appendicitis — 121 Hernia and intestinal obstruction — 122	4,171	336	3,835	3,738	3,705
39		10,099	1,726	8,373	7,903	7,792
40	Cirrhosis of the liver	16,512	6,105	10,407	9,776	9,546
41		6,248	1,093	5,155	5,000	4,943
42		77,377	44,419	32,958	27,902	26,551
43		6,790	1,651	5,139	4,882	4,822
44	Diseases of pregnancy, etc.*	4,122	943	3,179	3,091	3,016
45		1,209	285	924	900	878
46		1,164	216	948	918	900
47		1,345	284	1,061	1,035	1,008
48		404	158	246	238	230
49 50 51 52 53 54	Congenital malformations	19,246 61,543 39,085 22,458 16,354	4,507 8,929 5,385 3,544 12,980	14,739 52,614 33,700 18,914 3,374	14,160 51,745 33,092 18,653 3,004	12,804 49,432 31,685 17,747 2,805
55 56 57	Accid-ntal deaths	9,536 99,001 32,259 65,742	5,432 48,976 15,975 33,001	3,104 49,025 16,284 32,741	2,985 45,605 15,984 29,621	2,931 44,730 15,846 28,884
58	S-mility, ill-defined and unknown causes	27,291	22,549	4,743	3,040	2,731
59		79,889	29,314	50,575	44,409	42,164

<sup>\*</sup>Refer to International List for complete title, table IX.

# GENERAL TABLES-DEATHS FROM SELECTED CAUSES

BY TYPE OF SERVICE: UNITED STATES, 1948

after causes of death are International List numbers, 1938 revision)

			· · · · · · · · · · · · · · · · · · ·		TYPE OF	SEHVICE—Continue	d.				Ė
	_		Nonresident inst	itutions—Continu	ed		R	esident institutio	ons		
Maternity hospital		Children's hospitals	Tuberculosis hospitals	Special and other nonresi- dent hospitals	Convelencent, etc., homes	Other nonresident institutions	Total	Mentel institutions	Other resident institutions	Not stated	i.
2,	245	3,759	14,063	8,446	12,255	818	82,518	46,506	36,012	18,413	1
•	1	·1 42 - 20 8	- 2 - 3 1	- 32 4 18 13	1 - - -	2	6 9 3 2 9	5 9 3 2 9		5 11 8	2 3 4 5 6
	8 5 3	100 23 77	12,283 12,019 264	306 259 47	104 102 2	- 11	4,112 3,970 142	3,651 3,546 105	461 424 37	246 233 13	7 8 9
	2	3 19 2 48	- 93 3 7	3 - 83 43 212	1 45 - 13	- 7 - 2	76 6 3,509 53 8	72 5 3,169 51 6	4 1 340 2 2	10 2 77 8 22	10 11 12 13 14
	67 28 27 1	155 6 1 4 122	622 172 45 29 376	2,450 795 324 307. 1,024	1,854 760 224 255 615	40 14 2 11 13	7,702 3,093 850 870 2,889	. 2,341 935 273 324 811	5,361 2,160 577 546 2,078	2,529 1,059 333 322 815	15 16 17 18 19
	1 6 - 1 22	25 7 - : 1 37	1 39 1 - - - - -	3 217 5 - 27 613	1 386 5 5 11 1,996	13 - 51 41	10 1,565 55 31 93 8,051	6 749 27 19 76 3,245	4 816 28 12 17 4,806	4 483 23 6 1.9 2,618	20 21 22 23 24 25
	78 2 16 60 3	124 63 4 57 1	330 15 73 242 60	1,928 107 528 1,493 267	4,344 157 670 3,517 677	251 12 95 144 3	31,454 784 4,641 26,029 5,343	16,831 341 2,362 14,128 3,509	14,623 443 2,279 11,901 1,834	5,783 253 1,214 4,316 666	26 27 28 29 30
	95 66 16 9 2	413 510 43 46 14	74 45 17 11 1	349 250 74 17 8	453 307 97 26 25	52 33 24 3 2	4,929 3,289 1,239 205 196	3,479 2,347 894 142 96	1,450 942 345 63	799 431 226 70 72	31 32 33 34 35
	4 20 7 3	7 320 10 34	13 24 2 4	32 26 8 44	'24 16 2 22	4 3 4 4	267 184 41 368	164 143 33 269	103 41 8 99	70 86 56 102	36 37 38 39
	1 5 25 2	10 4 70 1	20 8 62 4	114 22 279 20	62 15 888 32	23 3 27 1	507 100 3,816 179	235 61 1,547 72	272 39 2,269 107	124 55 1,240 78	40 41 42 43
~	57 18 14 18 7	5 1 2 2	3 1 - 2	1 - 1 - 2	8 2 1 5	-	23 9 3 4 7	16 6 2 2 6	7 3 1 2 1	65 15 27 22 1	44 45 46 47 48
1.	268 468 940 528 1 2	882 674 361 313	7 18 12 6 20 6	· 121 40 25 15 63 12	68 103 64 39 16	10 10 5 5 99 32	374 75 50 25 327 87	323 19 14 5 221 30	51. 56 36 20 106 57	205 794 558 236 43 32	49 50 51 52 53 54
	33 10 23	106 20 86	48 16 32	295 74 221	329 11 318	64 7 57	2,624 99 2,525	1,810 37 1,773	814 62 752	796 201 595	55 56 57
	18 49	12 637	19 200	· 46 749	201. 572	13 38	1,370 5,150	750 3,549	620 1,601	333 1,016	58 59

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### VITAL STATISTICS OF THE UNITED STATES

#### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

RACE, AND SEX: UNITED STATES, 1948

			X: Ul		STAT		948	1		,		1		0	ñ	رو	D	e/
deaths	among arm	ed forces	overseas	9	10	90	98	/ د	<sup>1</sup> CI	100	10	<u></u> '	10		-لكن		رر	<u> </u>
20 to 24 years	25' to 29 years	30 to . 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	·70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 , years	over. oug 100	Not stated	Int. List No.
19,376	21,055	24,622	34,279	46,824	f163°,922	89,982	114,618	138,445	1597401	170,510	164,267	125,030	75,629	27,170	6,042	1,363	.1,066	<i>1</i>
12,173 7,203	12,432 8,623	14,166 /10,456	19,668 14,611	27,940 18,884	39,184 24,738	56,846 33,136	72,617 42,001	86,054 52,391	94,390 65,011	94,891 75,619	.86,536 27,731	61,558 .63,472	34,658 40,971	11,267 15,903	2,7276 3,766	477 886	693 373	-
9,623 4,935 2,405	6,011 2,829	10,979 7,449 3,094	15,331 10,560 4,202	22,387 13,974 5,362	32,078 18,654 6,875	47,926 26,297 8,663	63,670 35,396 B,641	77,589 45,687 8,081	86,048 58,277 7,895	87,995 70,282 6,537	81,399 73,813 4,882	58,525 60,808 2,886	33,069 39,492 1,495	10,640 15,112 589	1,961 3,369 300	261. 485 203	497 240 180	
2,167 145 101	123	2,906 93 101	3,964 136 87	4,829 191 81	5,992 231 92	6,725 257 114	6,508 306 97	6,577 404 127	6,598 447 138	5,232 359 105	3,832 255 . 86	2,581 147 83	1,432 94 47	752 38 39	379 15 18	-379 13 22	127 16 6	-
3,380 809	+	4,227 1,466	4,844 1,863	5,284 2,424	5,763 2,967	6,347 3,709	6,465 3,942	6,082 3,961	5,409 3,330	4,078 - 2,393	2,916 1,605	1,630 830	872 395	287 121	73 25	23 6	57 17	
1,001 582 897 44 47	1,215 686 888 41	1,184 775 738 30 34	1,242 988 682 40 29	1,078 1,116 594 50 22	959 1,205 574 50 10	968 1,192 421 42 15	1,119 975 359 60 10	1,121 667 260 54 19	1,195 555 255 65	1,212 291 131 48 3	1,011 186 88 23	652 77 58 9	393 42 37 4	143 6 14 1 2	51 5 11	6 1 9	11 19 5 4 1	
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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

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Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	I Infectious and parasitic diseases - Con.										
13-22	Tuberculosis (all forms)	43,833 21,616	325 94	406 144	208 70	122 44	77 23	1,138 375	216 66	282 51	1,190
	Female	10,134	96	135	67	35	20	353	68	80	191 305
	NegroMale Female	6,376 4,846	55 41	55 50	23 33	14 15	17 8	164 147	25 35	43 92	206 427
	OtherMale Female	560 301	23 16	11 11	9 6	7 7	5 4	55 44	15 7	9 7	30 31
13	Tuberculosis of respiratory system, etc.*	40,420	135	133	68	46	28	410	92	197	1,052
	WhiteMole Female	20,354 9,187	47 33	40 45	21 17	19 11	8 7	135 113	22 23	28 54	156 278
	NegroMale Female	5,744 4,375	23 13	18 17	8 14	3 3	5 2	57 49	n	29	174
	Other	495 265	12 7	7	5	3	2	29	24 7	74 6	390 27
14	Tuberculosis of meninges, etc.*	1,048	103	6 191	3 95	7 59	4 38	27 486	5 75	6 40	27 46
	WhiteMale Female	378 320	30 36	78 66	33 37	. 21 20	12 10	174 169	29 26	14 12	14 9
	NegroMale Female	170 131	13 11	23 18	8 11	7 8	9 5	60 53	8 5	5 6	9 10
	OtherMale Female	35 14	8 5	3	4 2	3	2	20	5	2	3
15	Tuberculosis of intestines and peritoneum	382	11	3 3	4		1	10 19	2 9.	1 12	23
	White Male Female	96 127	1 5	1	2	-	- 1	3 7	6 2	3 2	2 4
	NegroMale Female	65 74		1	- 1	-	=	1 2	-	3 4	10 6
	OtherMale	11	3	-	-	-	1	. 4	1	-	-
16	Tuberculosis of vertebral column	9 399	2 2	5	5	3	3	2 18	7	9	19
	WhiteMale Female	149 120	- 1	5 -	2 2	1	1	4 7	2 4	- 6	5 2
	Negro	86 41	- 1	2	- 1	1 -	1 -	4 3	1	2	6
	OtherMale	3	-	-	-	-	-	-	-	-	- 1
1,7	Tuberculosis of bones and joints, etc.*	101	ī	-	_	-	-	ī	2	- 3	2
	WhiteMale Female	55 26	ī	-	-	-	-	ī	-	1 1	1
	NegroMale Pemale	12 8		- [	-	-	-	-	1	1	i
	OtherMale	-	-	-	-	-	-	-		-	-
18	Tuberculosis of skin, etc.*	18			_	_	-	-	-	-	-
	WhiteMale Female	7 8	-		-	-	-		-	-	-
	NegroMale Female	2 1		-	-	-	-		-	-	-
	OtherMale	-	1	-	-	-	-	-		-	-
19	Tuberculosis of lymphatic system, etc.*	- 66	-	3	3	-	-	- 6		1	- 4
	WhiteMale	21 20	-	2	1 -	-	-	1 2		_	1 -
	NegroMale Female	10 14		1 -	1	-	-	2 1	_	ī	1 2
	OtherMale	1	-	-	-	-	-	-	-		- 1
20	Tuberculosis of genito-urinary system	527	] []	-	_ [	_	ī	1	_	- 1	4
	WhiteMale Female	200 101	] []	-	-	-	- 1	<u> </u>		-	3
	Wegre	14 7		-		_	1	1	_	ĩ	-
	OtherMale	4	-	-	-	- [	- [	-		- i	-
21	Twerculosis of other organs	1 101		- 1		-	-	-	[ -		-
	WhiteMale Female	51, 25	[	-	-	-	-			-	-
	NegroMale Female	18 6	<u>-</u>	-	-	-	- 1	-		-	-
	OtherMale	- !	-	-	- 1	-	- 1	-	-	-	
22	Disseminated tuberculosis	971	73	71	33	14	6	197	31	20	40
	WhiteMale Female	306 199	16	26 19	10 17	3 3	2 2	58 54	13	5 5	9 11
	WegroMale Female	255 189	19 16	10 13	6 5	3 4	1	39 39	4 5	3	6
	OtherMale	11	1 -	1.	-	1	1 -	2	2	1	12
	Female	11	5	2	1	-	- [	5	-	-	z s
23	LeprosyMale	21. 15	-	-	-	-	-	]		-	- [
	Female HegroMale	3 1	-	-	-	-	-	-	:	-	-
	Female	î	-	-	-	-	-	-		-	1
	OtherMole Female	ī		- 1	-	-	-			-	-
24	Septicemia and purulent infection (nompurperal) White	496 227	110 57	25 13	14 5	9 5	4 3	161 83	22 9	9 5	9 3
	Female	179 42	42	1.1	5	3	1	61 7	1.1	4	4
	NegroMale Female	37	3		3 -	· [	-	4	1	-1	1
	Other	4 7	1 3	1 -	ī	-	:[	2 4	-	-	-
25	Gonococcus infection	71 9	2	-	-	-1		2 2	-	1 -	5
	Female	11 ]	-		-	-	-	- [	-	-	2
	NegroMale Female	16 34	-	- 1	-	- [	-	-		ī	3
	OtherMale Female	- 1	-	- [	-1	-	<u>-</u>	- [	-		-
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RACE, AND SEX: UNITED STATES, 1948-Continued

deaths among armed forces overseas)

deaths a	mong arm	ad forces	overseas	.)										,	•			<u> </u>
20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years .	80 to 84 years	85 to _ 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
2,743 529 786 529 812 41 46	3,226 797 962 591 797 37	3,365 1,123 954 630 601 26 31	3,766 1,467 1,006 722 511 33 27	3,807 1,859 794 708 386 42 18	3,940 2,221 647 722 301 40	4,225 2,705 621 640 219 32 8	4,061 2,654 645 534 172 48 8	3,676 2,552 618 343 11.6 38	3,206 2,068 709 260 116 46	2,339 1,433 683 128 53 39	1,559 917 518 72 32 19	727 426 245 34 15 6	265 133 105 17 7 5	61 33 24 - 2 1	8 3 4 - 1	3 2 1	30 11 7 8 3	13-22
2,536 481 728 479 769 36	5,001 742 906 534 742 36	3,148 1,072 892 565 564 25	3,550 1,403 952 675 469 28	3,568 1,767 749 654 343	3,737 2,134 601 677 279 38	4,032 2,614 594 598 196 32	3,856 2,564 588 495, 156 46	3,498 2,454 575 315 107	3,032 1,975 654 244 110 42	2,203 1,353 643 117 48 39	1,478 876 490 66 26	687 405 229 32 15 6	250 127 99 14 7	55 31 20 - 2	6 3 2 - 1	3 2 - 1	29 10 7 8 3	13
43 57 16 17 9	41 56 12 17 14 13	30 54 13 18 18 5	23 44 12 9 12 9	18 52 21 8 11 11	8 35 18 9 7	8 36 17 8 8	7 27 15 6 5	9 17 14 1 2	7 9 4 5	3 4 1 1 2 2 -	1 7 3 3	2 2	1	i - -	-		1 -	14
31 5 11 8 5	35 4 12 6 13	31 3 13 4	2  34 6 10 4 10	1             	- 22 7 10 1	18 8 5 4	26 9 6 4 5	21 6 10 4	53 14 14 2	20 9 7 4	- 9 2 6 - 1	. 2	- 3 1 1	-	1	-	1	15
1 24 5 4 11	30 7 2 18	1 38 10 11 14	2 2 28 13 5 4	36 20 4 7	35 15 10 6	23 10 7 3	1 38 16 15 5	- 29 14 10	2 28 11 15 2	21 20 9 1	- 7 3 4	1 6 3 3	- 2 1 -	2 - 2	-		11111	16
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### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

Int.		m-4-7	Under	,			. 1	Under	5 to	10 to	15 to
List No.	CAUSE OF DEATH, RACE, AND SEX.	Total deaths	1 year	l year	2 years	3 years	4 years	5 years	years	14 years	19 years
	I Infectious and parasitic diseases Con.										
26	Other diseases due to bacteria (except dysentery)	46	_	-	-	_	_	-	ı	1	4
	WhiteMale Female	19 6		-	-	-	-	-	1 -	1 -	1
	NegroMale Female	11 9		-	-	-	-	-	<u> </u>	-	2
	OtherMale Pemale	ĩ		-	-	-	-	-	] -	-	ī
27	Dysentery	1,078 486	621 297	102	30 6	15 5	12	790 356	22	6	6
	Female NegroMale	414 91	232 45	44 8	16 4	7	6	305 58	10	3	1
	Female OtherMale	11. 63	32 7	4.	3 -	1	1	41 9	1 -	-	2 -
28	Female	13 170	10	1 ,4	1 5	1	1	11 23	5	- 3	2
	WhiteMale Female	61. 33	3 4	1	1	i	= = = = = = = = = = = = = = = = = = = =	5 6	i i	2	1
	Negro	37 38	1 2	1	2	2	1	7 5	3	- 1	1
	Other	1	_	-	-	-	-		:		= [
29	Other diseases due to parasitic protozoa, etc.*	38 20	12 5	6 3	-	-	2 1	20 9	1	-	-
	Female Negro	11 2	6	-	-	-	-	6	1 -	-	-
	Female Other	5 -	-	3 -		-	1	<u>.</u>		-	-
30	Syphilis (all forms)	11,616	438	- 6	ž	ž	ī	449	4	1.5	48
	WhiteHale Female	5,598 1,880	92 59	1	-	-	-	93 60	1	3 ·	13 16
	NegroMelo Penale	2,794 1,229	165 104	1 3	1 1	2	ī	167 111	1	4 5	9
***	Other	82 33	8 10	-	-	-		10 10	-	1	- 1
3Qa	Locomotor ataxia (tabes dorsalis)	375 270	-	-	-	-	-	-	-	-	1 -
	Female NegroNale	59 33	-		-	-	-			-	ī
	Femals OtherMale	7 5	-	-	1	-	-		-	-	-
30b	Jeneral paralysis of insane	2,913	-	-	-	-	-	-		ī	8
	Fenele Negro	1,378 450 792		- -	-	-	-	_	-	1	3 2
	Female Other	265 27	] -	-	-	-		-	-	-	3 -
30a	Penale	1 3,639		_	-	-		-	-	1	- 2
	WhiteMale Female	2,079 624	-	-		-	-	- [		-	1
	NegroMale	666 247	<u>-</u>	-	-	-		-	-	1	î
	OtherMale Female	17 6	<u>-</u>	-	-	-	-	-	:	-	-
30£	Congenital syphilis	505 110	430 90	6 1	2	1	1	440 91	4	8 1	16 7
	Female NegroMale	87 172	58 162	1	ī	-		59 164	1	- 1	7 2
	Female OtherMale	11.7 9	102	3 -	1	. 1	1	108 8	1	5 1	-
30c,e,g	Female Syphilis (other forms)	10 4,184	10 8	-	-	î	-	10 9	-	- 3	21
	WhiteMale Female	1,761 660	2	-	-	-	-	2	-	1 -	3 6
	NegroMale Female	1,131 593	3 2		- ]	î	-	3 3		2 -	2 9
	OtherMale Female	24 15		-	-	-		- -		-	ī
31	Relapsing fever	1 1		-	- 1	-	-		-	-	-
	Femele NegroMale	-		_ :	-		-	-	-		-
	Female OtherMale	-		-	-	-	-			-	-
32	Cther diseases due to spirochetes	370	16	-	3	- 3	-	26	9	9	19
	WhiteMale Female	197 133	9 4	2 1	1 2	1 2	-	15 9	7 2	3	9 6
	NegroMale Female	23 17	2 1	1 -	-		-	3 1		2 -	1 3
**	OtherMale Female	-	-	-	-	-	- 	-	-		-
33	InfluenzaMale	5,06a 1,913	939 362	150 71	88 28	38 19	30 12	1,245 492	66 23	21 21	55 17
	Female NegroMale	1,849 621	256 158	45 16	34 14	8	12 2	365 191	25 10	16	21 11
	Female OtherMale	644 22	138	17	12	9	3	179 8	9 -	8 -	6
34	Smallpox	19 5	7 -	1 -	-	1 -	1 -	10	1 -	-	_
	Woite	3	-	-	-	-	-			-	-
	Negro Male Frmale	1	-	-	-	-	-	-	-		-
	OtherMale Femmle	= 1	- !	- 1	<u>:</u>	-	- 1	-	[	-	<u> </u>

<sup>\*</sup>Refer to International List for complete title, table IX.

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths among armed forces overseas)

deaths a	movie erm	en totces		<u>,                                     </u>														
20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	65 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
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76 12 12 20 32	138 24	282 56 3S	526 119 82	876 271 111	1,231 469 163	1,423 637 192	1,655 929 240	1,602 1,002 243	1,377 627 223	941 580 210	578 552 140	254 142 81	100 53 32	19 19	3 2 1	1	20 5 3	30
20 32	24 56 33 1	102 . 87 . 2	205 114 4	337 152 3	401 190 8	456 126 7	356 119 9	253 84 14	224 89 12	305 40 6	62 20 2	18 10 2 1	7		-	-	9 - 3	
1	=	- 2 1	1 4 2	2 8 4	19 10 6	5 40 27	2 52 38 7	80 61 12	2 72 53 11	56 41 9	2 35 27 5	3 2 1	1 1	1	-	-	-	30a.
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19	28	- 84 20	207 55	296 99	442 174	400 172	433 259	405 254	1 284 156	158 97	. 73 . 42	39 16	20 12	5 2	2 2	-	9 2	30b
8 2 5		11 33 19	38 82 31	33 123 40	58 153 51	67 124 34	65 85 23	59 66 21 5	· 43 59 21 4	26 22 11 2	14 14 3	13 8 1 1	5 2 1	- -	-	= =	1 4 - 2	
5	17	1 48 16	1 - 94 33	216 65	317 137	460 243	562 353	534 372	1 497 329	398 251	269 162	134 81	- 56 30	5 2	1	1	2	304
5 2 1 2	2 3 6. 6	4 18 10	10 37 14	28 84 39	37 94 48	45 135 33	70 117 37	80 57 20	88 54 24	101 34 9	83 19 4	47 4 1	20 3 2	3 - -	-	- -	1 - -	
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44. 2	:	- 246	216	- - 352	452	- 520	583	583	522		200	78 43	23 10	8 3	Ξ	-	9 2	30c,e,g
2 1 15 26	15 37	19 19 51 56 1	28 30 66 69 2 1	101 49 125 73 2 2	147 61 152 91 1	195 69 192	278 95 149 56	315 92 124 43	289 79 108 42 4	191 74 44 19	37 27 13	20 6 8	7 2 4	4		-	5	
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20 11 5 3	24 8 34.	18 8 6	12 6	24 13 10	25 15 8	35 16 13	29 14 15 1	29 15 13	22 11 10 1	23 20 3	17 8 8	9 7 2	7 6 1	1	-	=	-	32
-	-	-	3 4 -	24 13 10 1	1	1 -	1	] [	ľ -	_	=	-	=	1.	-	-	-	
61 15 19 8 19	55 14 22 2 17	75 15 19	88	118 39 27 30 21	167 53 33 33 46	172 54 28	216 63 53	278 115 84 39 39 -	339 145 115 42 35 2	407 189 163	480 187 225	J	1 400	182 72 96 4	55 17 22	16 3 5	1	33
19	-	1	-	•	2	42	32 2	39 38	42 35 2	40 . 33 2	225 34 33 1	190 271 20 27 1	168 217 15 21	10	5 20 1	6	1 1	
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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

								, , , , , , , , , , , , , , , , , , ,	Szclusive c	A SCITTOIL	ens and or
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	years 3	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	I.—Infectious and paramitic diseases—Con.						1				
35	Measles	888 382	183 78	204 8B	89 33	63 26	49 27	588 252	173 83	40 17	27 10
	Female NegroMale	376 46	66 17	78 11	43 4	26 4	17 2	232 38	78 4	18 3	11
	Female	49	1.3	1.3	3	3	2	34	5	2	5
	OtherMale Female	13 22	5 4	5 9	1 5	1	ī	12 20	1	-	
36	Policayelitis and policencephalitis (acute)	1,895 1,088	84 49	80 40	90 48	79 43	97 <b>61</b>	430 241	384 222	269 141	213 120
	Female NegroMale	711 51	30 1	35 3	37 -	29 5	30 1	161 10	1.39 14	116 4	77
	Female OtherMale	39 4	3	2	3 1	2	4	14 3	8	6	5
77	Female	2	-	-	ı	-	-	1 1	1 -	-	-
37	Acute infectious encephalitis (lethargic)	570 315	32 17	18 10	8 5	7	2 1	67	17	10 4	12
	Female NegroMale	200 26	1 12	2	2 1	3 -	1 -	20	8 -	5 1	3
	Female OtherMalea	25 4	2 -	2	-	1	-	5 2	1 -	-	1
38	Female Other diseases due to filtrable viruses	164	48	- 23	- 8	- 5	- 6	90	- 16	- 5	3
-	WhiteMale	85	29	11	3	4	3	50	6	3	2
	Female NegroMale	52 14	10 2	6 2	1	1 -	2	23 6	8	1	1
	Female OtherMale	6 5	2 3	2	-	-		4 5	1 -	-	-
39	Typhus fever and typhus-like diseases*	2 177	2 1	ž	- 4	5	3	2 15	17	10	- 3
	WhiteMale Femele	94 55	1	2	3 -	4	- 2	3 9	4 7	3 5	3 1 1
	NegroMale Female	15 12		-	ī.	1	ī	1 2	3 3	1	1
	OtherFemale	1	-	-		-	-	-	-		-
40	Ankylostomiasis	6	] -[	-	1	1	-	2	1	= 1	-
	WhiteMale Fomale	1		-	1	1	-	2		_	-
	NegroMale Female	1 -		-	-	-			1 -		-
	OtherMale Fomale	-		-	- 1	-				-	
41	Hydatid disease	12 11	-		- 1			-	-		- 1
	Temale	1	-	-	-	-	-	<u>-  </u>			- 1
	Female	-	-	-	-	-	-	-	-	-	-
40	OtherMale		] - []		-	=		-			-
42	Other diseases caused by helminths	54 23	1 -	7	12 3	5 1	2	27 9	8 3	3	1 -
	Female NegroMale	18 4		1	6	2	- 1	9 3	1 1	5	1
	Female OtherMale	9	1 1	1 -	2	2	-	6	3 -	-	-
43	Female	- 381	21	- 6	- 3	- 3	-	- 35	- 4	- i	6
	WhiteMale	187	13	3	2	2	-	50	2	1	4
	Female NegroMale	57	4	1	1 -	1 -	-	5	ī	-	2 -
	Female OtherMale	29 6	2 -	-	-	-	- [	2	1 -		- 1
44	Cther infectious and parasitic diseases	2,467	4	7	3	3	6	23	30	- 33	83
	White	1,437 841	1 3	3 3	1	2	3 3	10 10	20	21 8	44 30
	WegroMale Female	107 76	1	1	1	1		2 2	1	3	4 5
	OtherMale Female	6	-	<u> </u>		-	-	_ [	[	= =	-
	II.—Cancer and other tumors	202,386	1112	218	180	1.87	171	668	505	415	593
	WhiteNele	92,695	57	119	93	99	79	437	265	197	282
	Female	93,663 6,809	43	82 8	80	65 12	68 14	338 50	193 24	166 19	225 46
	Female OtherMale	8,625 406	5	9	8	10	10	42	20	31.	39
	Female	186		-	-	ī	-	ī	1	2 -	1 -
45-55	Cancer and other malignant tumore	197,042	112	172	156	164	150	754	410	329	503
	WhiteMale Femele	90,942 90,917	57 43	103 59	76 67	88 58	70 60	394 287	223 154	161 134	248 184
	NegroMale Female	6,602	5	5 5	6	10	12	41 31	16 15	10 22	37 33
	OtherMale Femule	400 180			-	ī	- [	1	1 1	2	1
45	Cancer of buccal cavity and pharynx	5,712	2	_	2	z	3	9	13	8	9
	WhiteMale Female	4,261 1,046	1	-	1	ž	3	4 5	5	6	2
	NegroFemale	270		-	-		-	-	2	-	2
	OtherMale	27	~	-	-	-	- 1	-	-	-	- 1
45a	Cancer of lip	568	-	-	-	-	-	-	-	- 1	
	WhiteMale Female	511 45	-		-	-	-	-	-	-	- [
	NegroMale Female	11	-	-	-	-	-	-	-		
	OtherMale Female		<u>-                                    </u>	-	-	-	-	-	-	- [	
	1 r cm916 1	- •	- •	- ,	- 1	- 1	- 11	1.	•	- 1	- 1

<sup>\*</sup>Refer to International List for complete title, table IX.

RACE, AND SEX: UNITED STATES, 1948-Continued

20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	'75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
4	12	10 3	8	1	2	-	2	2 2	6 2	7	2	1	1	1	;	-		35
1 -	11	7 - -	5	-	1	-	1	-	4 - -	3	1	1 -	1	-	- - -	-		
185 115 64 3	166 95 65 4	134 87 45 2	66 42 24 -	20 9 8 3	10 6 4 ~	10 4 6	7 5 2	1 1 2 -	-		111	-	111	- - -	- - -	=	111	36
i	-	- 27 19	- - 39 22	- 44 24	 49 17	- 63 39	54 35	5D 35	- - 45 23	- - 32 19	25 17	4	1	1	-	=	-	37
13 4 6 1 2		6 2 -	11 1 4 1	14 3 3	23 7 2 -	19 3 2	17 2 -	13 - 1 1	20 - 2	13	8 + 1 +	4 - -	±	1 - -	-	-	-	
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10 1 2 4 2	22 4 1 9 7	25 8 10 5 2	23 11 1 8 2	24 9 4 7 3	23 10 7 4 2	34 <sup>-</sup> 19 8 4 2	38 23 10 2 3	35 18 13 3	36 22 9 4	29 15 12 1	13 8 5	13 6 7	7 5 2 -	3 1 1 -	1111			43
170 91 68 5		194 106	1 166 97	1 - 205 121	 171 106	1 234 160	239 130	226 128	200 132	1 148 82	94 54	- 40 24	17 . 5	- 6 2	3 1			. 44
58 5 6	68 9 6 -	77 6 3 	53 11 5 -	63 9 12 ~	46 9 10	50 13 9 2	85 16 7 1	63 10 5 -	60 4 2 2	62 3 1 -	37 2 - 1	15 1 -	12	4 -	2		-	
908	1,584	2,786	5,055	8,129	12,347	(18,057	23,540	26,975	28,361	27,373	22,662	13,867	6,366	1,596	253	. 58	107	
438 350 40 77 2	590 749 61 176 5	894 1,415 100 371 2	1,379 2,826 175 652 6	2,391 4,471 371 867 17	4,177 6,463 622 1,038	7,253 8,660 934 1,145 ,39	10,670 10,652 1,054 1,095 47	13,317 11,716 920 934 62	14,267 12,293 890 809 82	13,677 12,150 693 589 50	11,551 10,228 455 382 36	6,901 6,545 205 193	3,008 3,159 93 100 6	653 883 28 28	100 130 8 13	8 14 6 10	40 37 15 14	
779 389 296	1,388 538 646	2,491 810 1,279	4,630 1,290 2,605	12 7,571 2,277 4,179	13,751 4,047 6,107	26 17,472 7,045 8,361	22 23,009 10,452 10,390	26,519 13,109 11,506	20 27,988 14,109 12,105	27,058 13,756 11,987	22,434 11,479 10,086	13,710 6,846 6,454	6,286 2,980 3,111	1,569 644 866	251 100 129	36 7 14	104 38 37	45-55
31 60 2	55 342 4	309 309 2	163 549 6	346 742 17	595 956 33 13	919 1,084 38 25	1,034 1,066 45 22	906 911 62 25	893 791 80 20	679 572 50 14	449 374 36 10	202 185 12	92 97 6	28 27 1 3	8 12 1 1	6 9	14 14 1	
16 12 1 2	29 12 10 1	58 19 9 . 3	89 58 19 8	148 84 30 26	263 179 41 30	452 319 75 40	662 481 110 51	756 598 111 32	795 629 130 25	854 658 163 22	744 ,576 143 15	474 368 95 6	. 256 186 64 4	81 52 27 1	11 9 2		5 4 -	45
1 -		7 - - 1	3 1 - 5	5 3 - 8	9 4 - 21	18 - 18	17 3 - 43	13 2 - 55	9 2 - 59	10 1 - 93	9 1 - 99	4 1 - 90	1 1 - 55	1 - 17	- - 3	-	1 - -	45a
	1	1	5	7 - 1	19 1 1 •	16 1 1 -	41 1 1 -	51 2 2 -	54 3 2 -	80 10 3 -	90 8 1 -	82 : 6 : - :	46 9	15 2 - -	- - -	=	-	

#### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

								(,	Exclusive o	d BCITTOIL	this and or
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1 year	2 years	3 years	4 years	Under 5 Years	5 to 9 years	10 to 14 years	15 to 19 years
	II.—Cancer and other tumors—Continued Cancer and other malignant tumors—Continued Cancer of buccal cavity and pharynx—Continued										
45b	Cancer of tongue	1,395 1,042	-	-	-	-	-	] -	_	-	-
	Female NegroMale	254 72		-		-		<u>-</u> :	] -	-	-
	FemaleOtherMale	23 4			-	-	-		-	-	-
45c	Female	834	ĩ	-	-	-		ī	- 2	-	-
200	WhiteMale	608 170	î	-	-	-	-	1	1	-	<u> </u>
	NegroMale Female	33	1 -	-	_ :	-	-	-	1	-	
	OtherMale	5	- :	-	-	-	-	-	-	-	<u>-</u>
45đ	Cancer of jaw bons	820 568	_	-	1	\$	i	4 2	4 2	4 3	2 1
	Female	178		-	i	-	ī	2	2	ĩ	ì
	Negro		-	-	:	-	<u> </u>	-	-	-	
	OtherMale Female		] -	-	] [	-	-	-		=	-
45e	Cancer of unspecified parts of buccal cavity WhiteMale	101 72	-	-	] [	-	-	- 1	-	-	-
	Female NegroMale	1	] -	-	-	-	-	[ ]	:	-	-
	Female OtherMale	1 -	_		_	-		-	] -	-	
45f	Cancer of pharynx	1 994	î	_	ī	-	- 2	-	7	4	7
	White	1,460 372	1 -	-	1 -		ž	2 2	2 3	3 1	3
	Negro	110 35		_	-	-	-	_	2	] [	2
	OtherFemale	17		-	-	-		-	-	:	] [
46	Cancer of digestive organs and peritoneum	85,056 43,126	9 3	19 11	14	14 9	11 6	66 36	38 23	43 26	68 29
	Female	35,785	3	6	6	3	3 2	21 5	11	10 3	25 9
	NegroMale Female	3,324 2,492	2	-	-	2	-	4	2	4	5
	Other	253 76	5	-	[	-	-	:	-	-	<u> </u>
46n.	Cancer of esophagus	3,681 2,575	-	-	-	-	-	=	-	-	-
	Fomale	678 327	-	Ξ.	-	-	-	i -	-	-	=
	Female OtherMale		] [	-		-	-	-	-	=	1 1
46b	Cancer of stomach	26,215	-	-	1	ī	-	2	2	6	B 5
	White	9,022	-	-	ī	] [	-	ī	2 -	1	2
	Negro	844	-	-	] :	ī	-	ī		1 2	ı
	Other		_	~		:	-	] -		] :	-
<b>4</b> 6c	Cancer of dusdenum		-	-	_	-	-	] :		] -	1 - 3
	Female NegroMale	1.31	] :		_ =	-	] [	=	-	-	[ -
	Female OtherMale	. 9	:	-		-		] :	-	-	] [
403	Female	-	ī	:	ī	-		2	:		6
46d	White	5,881	1	-	ī	-		1	-	-	2 2
	NegroMale Female	297	-	-	-	-		-		] -	1 -
	Other	. 22	-	_	-			-	-	_	
46e	Cancer of intestines, etc.*	22,860	-	3 2	5 2	2	4 3	12 8	1.0	17 15	32 15
	WhiteKale Female	11,822	=	1	1	î	1	3 1	2 1	3	11 5
	NegroMale Pemale-	598	-	]	-	-		<b>,</b>		1 -	1
	OtherMale Female	. 18	-	-	-	1	1	- 19	12	- B	- 8
46£	Cancer of liver and biliary passagesMale	4,384	1	9		- 1	-	10	9 2	5 2	1 3
	Female NegroMale	341	2 -	2	-	1 -	1 -	1	- ا	ĭ	
	Female-OtherMale		1 -	] -		-	-	1 -	1 -	-	-
46g	Female-Cancer of pancreas	8,234	<u> </u>	:	_	2	-	2	2	1	3
	WhiteNale	4,458	:	_	-	2 -	-	5	2	1 -	2
	NegroMale Female-	267	:		_	:		-	] -	-	-
	Other	- 28		_	_	] =		-	:	] =	-
46h	Cancer of mesentary and peritoneum	1,409	3	6	5	8	6	28 14	11 4	10	
	WhiteMale Female-	- 680	1 1	3		i		9	5	4	8
	NegroMale Female-	- 38	1	_	-	1		2	1	1 -	
	OtherMale Female-		:	_	_	1 -	] []	1 -	11 -	-	-1

RACE, AND SEX: UNITED STATES, 1948-Continued

2D to 24 years	25 to 29' years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
	_	_												•				
11111	5 4 - 1	9 5 2 2	25 10 9 2	35 24 4 7	73 56 7 9	115 79 22 10 2	171 128 25 18 2	190 154 24 8 3	216 165 41 9	223 172 42 4 5	176 134 36 2 4	100 74 23 3	42 32 9	12 6 6	3 1 2 -	-	22	45b
1 - 1	- 4. 3	2 1	 15 14	20 10	- 29 20 6	2 78 54 11	- 99 67 17	1 109 88 17	113 90 18	- 117 91 22	- 116 82 30	71 51 19	1 42 25 16	15 9 6	2 2	-	- - -	45c
1	1 - - 4	- - - 12	- 1 -	4 1 - 16	2 1 - - 35	8 3 - 40	7 6 2 - 79	2 2 - - 110	3 2 - 113	3 1 140	2 1 1 108	1 - 72	1 -	- - - 14	- - - 1	-	2	45đ
3	2 1 - 1	5 4 1 2	8 3 -	11 2 1 2	19 7. 5 3	28 7 4 1	48 20 6 5	81 16 9	. 82 25 6 2	110 26 2 2	73 27 4 4	54 17 -	25 15 1	9 4	1 - -	- -,	1 - - 1	*500
	1111	1	1111	2	1 2 1	- 12 8 4	10 7 3	14 6 8	9 7 2	17 12 4	15 14 1	13 12 1	5 4 1	1	-	1 1 1	- - -	45 <del>0</del>
- - 11	- - 15	13	32	1 - - 67	- - 103	- - - 191	260	278	285	1 - 264	- - 230	- - 128	70		- - - - 2		- - - 1	45f
9 - 2	6 5 2	7 1 2 3	21 ·7 3 1	31 19 13	64 19 13 4	134 30 17 6	190 46 19 4	218 44 11 4	231 43 5 4	193 59 10 2	163 41 6	95 27 3 2	54 14 2 -	13 8 - 1	2 -	1111	1 - -	
163 69 68	309 144 106	620 267 262	1,169 471 525	2,197 944 903	3,771 1,742 1,484	6,426 3,140 2,457	9,338 4,879 3,527	1 11,868 6,408 4,567	2 13,437 7,236 5,362	13,501 7,091 5,780	11,350 5,737 5,206	6,922 3,287 3,425	2,961 1,316 1,551	666 231 411	93 33 48	11 2 3	39 15 13	46
16 9 1 -	28 28 1 2	41 49 1 - 5	73 94 2 4 28	168 173 9 - 82	289 230 20 6 158	486 315 21 7 318	548 351 27 6 466	469 349 41 14 647	480 291 58 10 562	335 249 37 . 9 568	207 169 23 8 457	100 96 7 7 7 243	42 50 2 - 94	12 9 1 2 50	5 5 1 1	8 4	56,	46a
1 1	1 1 1 1	3 1 1	9 12 4 3	41 12 18 11	80 19 46 13	208 36 56 18	321 64 70 9 2	477 91 63 13	426 113 35 5 3	436 110 15 3 4	330 105 14 5	165 71 4 2	59 32 1 2	19 11 - -	1111		-	
- 26 9 14 2	72 32 25 4	163 67 65 13	319 139 109 34	592 291 192 66	1,068 569 291 126	1,852 995 531 225	2,774 1,603 782 252	3,570 2,114 1,095 212	4,222 2,515 1,340 229	4,335 2,523 1,543 154	3,692 2,087 1,437 98	2,282 1,199 997 49	963 472 453 17	215 81 124 6	35 9 17	1 2	13 2 3 4	46b
2 1 - 1	11 - 4	18 - - 5	34 1 2 10	41 2 - 6 4	73 7 2 23 14	96 5 2 23 12 8	122 13 2 33	118 21 10 50 28	103 30 5 58 34	94 18 3 49 26	62 8 - 44 26	34 2 1 20 15	21. - - 10 2	3 1 3 1	4 - 1 -	1 - - -	4 - -	46c
1	2 1 - 1	4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	6 3 1 -	2	7 1	3 -	15 16 2	20 20 2	22 1 1	19 1 2	17 1 1	, 5 - -	7 1 - -	2		-	 	
19 7 7 1 3	49 21 21 4	98 43 42 8	187 72 87 12	344 144 145 19	500 218 225 18	857 436 327 37	1,251 713 452 34	1,451 866 506 40	1,767 1,034 638 54	1,633 922 642 30	1,368 750 581 18	810 422 367 9	387 194 182 9	84 24 57 2	14 8 5	1 - 1	6 3 3	<b>46</b> a.
1	3 - - 88 38	5 - 216 89	16 - 343 126	34 2 - 623 228	36 2 1 1,048 410	55 1 1 1,673 682	2,297 1,000	36 3 - 2,974 1,372	36 4 1 3,408 1,589	39 1 - 3,634 1,681	16 2 1 . 3,200 1,373	9 1 2 2,084 834	1 1 901 335	200 56	1 - 22 7	5	12	46e
61 27 25 9 2	33 5 10 1 ·1	102 13 12	195 10 20 1	333 19 43 -	554 31 51 1	868 59 58 5	1,132 77 80 5	1,445 63 88 3	1,657 71 84 6	1,819 67 61 4	1,742 37 42 3	1,205 17 26	544 7 14 1	139 3 2	15 - - -	1 2 -	6 1 1 -	
22 11 9 - 2	43 21 13 7	55 22 22 4	131 43 67 9	245 96 102 23	437 170 198 37	844 352 382 48	1,216 512 600 53	1,565 665 804 47	1,688 · 714 696 40 27	1,749 740 941 31 29	1,345 547 750 17 26	797 315 448 16 16	335 124 199 5 7	64 21 39 1 2	10 3 . 7	-	5 3 1 -	46 <b>f</b>
2 7 1 6	21 21 12	6 1 39 22	11 - 1 98 53	21. 3 210 108	27 4 1 390 214	52 7 3 661 358	48 2 1 1,021 585	43 6 1,305 748	9 2 1,360 759	1,272 657	4 1 1,017 528	1 1 559 280	196 97 94	1 57 24 32	- 9 4	, - 1 -	- 3 3	46g
6 - - -	5 3 1	15 2 - -	36 4 5 -	73 15 13 1	129 24 20 2 1	223 52 26 2	352 51 32 1	479 30 42 5	538 35 21 6 1	561 31 17 6	454 16 14 3 2	267 3 7 1	1 4 -	- - 1	4 - 1 -	î -	- - - -	46b
21 12 5 3	29 16 8 4	31 16 10 - 5	44 20 22 - 2	70 28 33 5	105 52 45 3 2	139 71 60 3	195 94 94 3 4	196 89 101 3	200 95 100 2 3	143 59 79 3	102 39 59 2 2	1 45 21 23 - 1	26 13 13 -	3 2 -	-	- - - -		<b>4</b> 6₽
-	ī	]	-1	-1	3	_	-1	<u>-</u>	:	:1	-1	:	-1	-		-	- 1	•

### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

II.—Cancer and other tumors—Continued   Cancer and other malignant tumors—Continued   Cancer of digestive organs and pertoneum—Con.   687	-	1 1 -	1	:	
Cancer of digestive organs and peritoneum—Con- 46m	-	1 -	1		
White	-	1 -			
NegroKale 56	-  }	- 11	1	1 -	
	-		-	ī	
Female   52     -	_	-		_	- 1
Female	I I	-	-	-	-
47   Center of respiratory system	2	20	22 15	11 19	37 22
Female 3,602 2 3 - 3   Negro	2	10	4 1	8	9 5
Fenale 247	-	-	ž	-	ĭ
Other	-	-	-	-	
47a   Cancer of larynx	-	1	-	-	1
Female	<u> </u>	- [ ]	-	-	-
Temale 19 Other	<u>:   </u>	-	-		- 1
Fema.le 1   -   -   -	-	-	-	- 1	- 1
White	- []	- 11	-	-	- 1
	-	-	-	-	- 1
Female   2     -   -	-	-		-	_ [
Female	-	13	11	14	29
White Nale 12,131 5 1 1 - Female 3,220 2 2 - 5	i	5 8	9	B 6	15
NegroMale 726 ]	-	-	1	-	4
Other	-	-		-	- 1
Female 6	-	-	2	-	-
White	- 11	-	2	_	-
Negro Male 3	-	-	-	-	-
OtherMale	-	-	_	-	-
47f Cancer of other respiratory organs	1	6	9	5	7
White Nale 306 - 3 - 1 Female 157 - 1	ī	2	3	3 2	6
WegroNale 27	<u> -   </u>	-	2	-	1
Other	:	-	-	-	-
48   Cancer of uterus	-	6	1		13 9
Wegro	-	2	i -	-	4
OtherFemale   40   -   -   -   -	-	2	] :	_	-
WhiteFemale 6,674 1 -	-	1			- 1
OtherFemale 18	-	4	ī		13
WhiteFemale 7,784 - 1 2 -	-	3	1 -	-	9 4
OtherFemale 22	-	- 3	- 6	13	34
WhiteFemale 5,785   - 1   - 2	-	3	4	10	26
NegroFemale   354	-	-	2	3 -	8 -
49a,b   Cancer of ovary, fallopian tube, and parametrium -	-	2 2	6 4	12 9	32 24
	-	-	2 -	3 -	8
49c-e Cancer of other female genital organs	-	1	:	1	5 5
NegroFemale 66   OtherFemale 2               -     -   -       -   -   -   -   -   -   -   -   -   -   -   -   -   -     -	-	-	:	]	1
50   Cancer of breast   19,162   -   -   1	-	1	-	2	- 1
White 209 1	-	ī	-	2	-
Negro  Male   25	-	-	_	-	
OtherMale	-	-	_		- 1
51 Cancer of male genital organs	1	14 12	4	3 3	19 18
NegroMale 1,066 1 1 0ther	Ξ	5	]	]	1
51b   Cancer of prostate   11,758   -   3   -   1	-	4	2	[	3 3
Negro	-	3	2 -	-	- 1
Other	ī	10	Ž	3	16
Wnite	1	9	2 -	3 -	15 1
Other	40	170	- 53	13	- 15
WhiteMale 6,067 10 25 16 24	19	94	24	4	9
Female 3,115   6 9 14 16     NegroNale 341   1 2 1 3	15 3	60 10	24 3	7 -	2 2
	3   .	6	2	2 -	2 -
Female 6   -   -   -	- 11	~	1 -	l -	I - 1

RACE, AND SEX: UNITED STATES, 1948-Continued

20 to	25 to	30 to	35 to	40 to	45 to	50 to	55 to	60 to	65 to	70 to	75 to	80 to	B5 to	90 to	95 to	100	Not	Int.
24 years	years	34 years	39 years	44 years	49 years	S4 years	59 years	64 years	years Jears	74 years	79 years	84 years	89 years	94 years	Aeers 33	and over	stated	List No.
3	3	8	9	25	42	59	85	. 110	152	1119	125	82	. 49	10	3	-	-	46m
2	2 - 1	1 4 1	3 4	11 3	15 16 3	26 22 5	36 35 8	49 46 9	70 58 13	4.7 68 3	57 61 5	36 42 2	20 27 1	5	2	] [	=	
-	=	5	2	6 1	7	5 1	Ğ -	6	11	3 -	1	1	1	1 ~		]	-	
59	90	181	39 <u>1</u>	697	1,442	2,527	3,194	3,376	2,945	2,042	1,269	612	178	32	4	- 2	ı <u>.</u>	· 47
39 14 4	. 43 35 8	101 52 19	244 108 23	484 138 58	1,045 243 115	1,795 327 156	2,543 437 176	2,700 521 122	2,254 560 69	1,501 485 37	860 374 24	393 203 10	113 59 3	17 14 1	-	1 1	7 - 2	
2	4	9	15	15 · 2	38 1	<b>44</b> 5	31. 6	27 5	31 9	13 3	9 2	5 1	3	=	:	_ :	1	
]	2 1	11	16 12	51 37	95 71	213 175	1 278 257	297 260	302 278	3 258 236	195 169	95 77	39 30	6	=	=	=	47a
-	1 -	1	5 1	7 7	8 12	13 17	19 18 2	15 20	13 10	23 6	23 3	18 - -	8 : 1	2 -	=	-	] =	
	-	1	-	-		8	1	2 - -	1 -	- -	-	-		Ξ	=	=	=	
-	2	-	2	2	5 4	5	no Tr	9 7 1	10 7	9 5 3	9 7 2	1	1	=	=	-	1 -	476
]	2 -	-	1 -	-	- 1	2 1 -	1 -	į	3 - -	1 -	1 -	-	-	-	-	-	ī	
38	- 69	- 150	344	613	1,296	2,024	2,799	2,970	- 2,563	- 1,700	1,044	493	131	24	-	- 2	10	47c, đ
23	33 24	82 42	21.5 95	426 124	936 220	1,558 291	2,222 391	2,368 477	1,925 524	1,225 432	681. 332	301 176	77 50	13 10	Į.	·i	7	410,0
2	8	18 8	20 35	48 33 2	95 54 1	135 36 4	153 28 5	98 . 22 4	78 28 8	28 10 3	21. 8 2	10 5 1	1 - 3	1	=	1	2 - 1	
2	3	3	1	-	10	11	19	1 20	2 16	2 12	- 10	3	- 1	-	-	_		47e
- S	5	3	3 - -	2	7 2 1	6 5	6 12 1	10 8	6 8 1	5 7 -	6	2 1	1	-	-	-	-	
-	-	-	-	1	î.	-	-	2	i	-	-	111	-	-	_	-	-	
19 14	- 14 9	- 17 10	26 13	27 1.7	- 48 27	71 51	- 87 68	80 \$5	54 40	53 30	31 19	20 12	- 6 4	2	=	=	-	475
5	5	6 1	11.	6 3	13	3e	14 4	20 3	12	20 2	11	8	1	5	-	=	-	
-	-	 	-	1	1.	ī	1	1	1	-	-	-	-	-		-	-	
55 35	205 153	503 363	891 661	1,406 1,093	1,794 1,429	2,056 1,674	2,280 1,923	2,140 1,875	1,910 1,675	1,643 1,493	1,166 1,078	672 642	290 276	71 61	8 7	ī	9	48
20	51. 1	137 3	225 5	307 6	560 5	379 3	35D 7	261 4	231	150 541	87 1 403	30 210	14. 85	9 1 16	- 4	1	3 - 5	48a
22 15 7	127 98 29	371 271 98	610 473 135	882 702 175	1,025 840 184	1,041 862 178	1,027 874 152	905 792 111	709 594 112	492 49	370 32	193 17	81 4	10 6		5	2	468
33	78	2 132	2 281 188	5 524 391	1 769	1,015 812	1 1,253 1,049	2 1,235 1,083	3 1,201 1,081	1,102 1,001	763 708	462 449	205 195	55 51	4 3	1	- 6	48b
20 13	55 22 1	92 39 1	90	132	589 176	201	198	150	119	101	55	13	10	5 1	1 -	1	2 -	
46 39	58 54	128 106	245 197	358 358	669 617	794 756 38	865 823	830 801	728 696 30	619 602 17	403 396 7	197 194 3	81. 79 . 2	21 21	1 - 1	-	. 5	49
7 - 38	4 - 52	115 22	215	40 372	51 1 632	748	42 794	29 <sub>1</sub> 750	618	489	271.	132	- 50	14	i	-	- 3	49a,b
34 4	50 2	96 19	178 37	342 30	587 44 1	720 28	755 39	704 26	591 27	477 12	267 4	131	49 1	14	ī	-	5	
9 5	6	13 10	30 19	26 16	· 37	46 36	71 68	100 97	110 105	130 125	132 129	65 63	31. 30	7 7	-	-	-	49c-e
3 - 19	2	3 333	11. 853	10 - 1,272	7 1,811	2,299	3 - 2,430	3 - 2,245	3 2 2,342	5 1,995	1,642	2 - 1,044	1 - 537	172		- 3	- - 7	50
17	124 1 95	3 280	2 738	12 1,129	1,630	25 2,089	20 2,260	27 2,097	36 2,183	24 1,887	22 1,568	20 998	7 512	3 164	1 28	3	6	uu.
ī	28	1 19	108	125	168	3 175	2 345	116 <sup>(</sup>	2 err	81. -	50 50	24	1 17	5	3	- 1	1	
71:	110	121	4 90	2 99	1	9 303	3 624	2 1,177	2 1,879	1. 2,572	2,717	2 1,774	- 829	179	- 24	 4	. 9	51.
71 71 -	108 2	118 3	80 10	84 15	102 39	-220 83	499 120	1,026 148	1,698 175	2,382 188	2,554 160	1,708 65	795 34	167 12	22 2	1 3	5 4	
3 3	4		n 1	21 15	1 61. 48	250 178	5 560 446	3 1,122 985	1,821 1,643	2,492 2,309	3 2,642 2,484	1,729 1,667	802 773	171 159	24 22	4, 1	- 9 5	51b
-	-	2 -	3 -	6	32 1	72	111	135 2	173 5	181	156 2	61 1	29	12	2 -	3 -	4	P3 · ·
68 68	106 104 2	118 117 1	79 72 7	78 69 9	61 54 7	53 42 11	64 53 9	55 41 13	58 55 2	80 73 7	75 70 4	45 41 4	27 23 5	8	-			51a,c-a
24	51	- 60	132	232	428	751	2 1,087	1 1,449	1 1,479	1,480	1 1,208	748	354	- 77	9	ī	- 2	, 52
9 12 1	13 12 3 3	24 26 3	66 42 9	137 58 19	255 115 34	477 183 44	707 288 51	982 371 51	941. 476 -33	910 503 48	748 435 17	457 298 7	193 156 3	33 42 1	4 1	-	1	
1 -	3	7	15	19 17 1	255 115 34 25	44 26 1	40	51 40 2 3	29	15 3	8	5	2	1	-	- 1	-	

### VITAL STATISTICS OF THE UNITED STATES

TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

White   Male	<del></del>							··· ··· <sub>•</sub>	· · · · · · · · · · · · · · · · · · ·	,		the and of
Conner of college interes envisioned forces of allows and the college interest interest envisioned in the coll	List	CAUSE OF DEATH, RACE, AND SEX		1					5	9	14	19
### State		Cancer and other malignent tumors—Continued Cancer of urinary organs—Continued										
Section   Sect	52a	WhiteMale	2,012	9	23	1.5	27	18	86	24	4	8
Other white services of blackers of blacke		NegroMale	106		2	1		3	10	3	-	2
Outser of blanks of the control of t		OtherMale	4	1	-			-	-	-	-	2 -
None	5 <b>2</b> 5	Cancer of bladder	6,278	2	2	2	3	1	10	-	1	
Treads		Female	1,882	1	-	- 1	-	- 1	1	-	-	
Common of other unspectful estate		Female	175	-	_	1	-	-	1	-	ı	=
Market   M	52c	Female	5	-	-	-	-	- 1	-	-	-	-
Conser of skin, ske.*   Sp.		WhiteMale							-			-
Canoser of skins, ste. *				11 7								
White   Section   1,000   1,			-	1 1								
Algorithms	53	Cancer of skin, etc	2,063									
Common of central nervous system												- 1
Concer of central nervons system="  National Column		OtherNale	4	- }			1	- 1	- 1	-	-	- 1
Premale   1,413   18   17   26   22   25   106   70   38   27   28   28   106   70   38   28   28   28   14   10   3   38   28   28   28   14   10   3   38   28   28   28   28   28   28	54	Cancer of central nervous system*	3,890	44	51	62	56	50	263	159	92	97
Cureer of other and unspecified regame		Femole	1,413	18	17	26	53	23	106	70	38	27
Caucier of other and unspectified organs		Female	92	3	3	3	4	3	16	3	9	5
No.   No.	55	Female	3	-	-	-	1	-	1		-	- 1
Negro	20	WhiteMale	7,024	16	26	19	23	19	103	67	69	104
Solution		NegroMale	595	2	1	2	2	6	13	4	5	16
		OtherMale	45	-	-	-	-	- 1		-	1	
Matter	56,57	[	]	-						_		ļ
Memalignant tumore (including derwold of virtle		nature	5,344 1,753		16			9	43	4.2	36	34.
Second		NegroMale	207	- 1	3	2	2	2	9	8	9	9
		OtherMale	8	-	-	-	-	-	-	1	-	- }
White	56	l I		1				1	1	1		
Seal   Seal		WhiteMale	654		9	3	5	4	21	17	1.2	13
Search			62		2		1	-	1 1		2	
White			5		-		-		-			
Cheer	56a-c		1,588 1,151		-	1	-			-		
White		RegroFemale OtherFemale										
Negro	56 <b>đ</b>											
Female		Female						-		4	6	
Nomalignant tumors of other and unspecified		Female									. ,	
White	56e	Nonmalignant tumors of other and unspecified									]	- 1
Negro		WhiteMale	292	-1	4	1	4	1.	10	1 11	2	8
Other———Male—————————————————————————————————		NegroMale	36	-	_	- 1	-	-	- 1	- 1	2	3
Tumors of unspecified nature		OtherMale	1	-	-	-		-	-			
Female- NegroMale Pemale- Other	57	Tumors of unspecified nature	2,331	1 -1	28	13		14	68			
Female-Other		Female	966	-	16	7	3	6	32	29	17	22
Female- 57a-c  Tumors, female genital organs*		Female	115	-	2	1	2	1	- 6			2
WhiteFomale NogroFomale 12	57a-c	Female	т	-	-	-	-	-	-		,	- 1
OtherFemale 1,550 - 21 11 11 10 53 61 54 46 19 23 24 20		WhiteFemale	46	-	-	-	-	-	- 1	-	<b>-</b>	- [
White	57 <b>ā</b>	OtherFemale	-	- [	_	-	~ :	-	-		-	- [
Negro		White	766	-	6	4	5	4	19 24	23	24 15	20
	•	NegroMale Female	89 62	-	1	1	1 2	2	5 5	7	7	5 2
					_	-		- 1	- 1	- 1	<u> </u>	

RACE, AND SEX: UNITED STATES, 1948—Continued

20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 ·	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
i7 5 9	27 12 11	38 18 17	70 39 20	133 82 37	231 153 63	322 214 89	437 271 144	514 341 144	471 292 163	385 230 146	274 149 122	134 60 74	36 20 15	1 <u>4</u> 4 10	=	=	·	52a
1 1	2	1 2	6 5	7 7 -	63 11 3 1	16 2 1	13 9 -	15 13 1	11 5 -	6 2 1	2 1 -	-	1	-	=	=	1111	
7 4 5	1	1,8 6 6	58 25 20	95 52 21 -12	166 96 50 22	367 252 86 26	636 431 135 38	905 625 216 33	984 639 302 21	1,073 669 346 42	.91.6 :595 . 299 15	607 373 221 7	51.7 173 140 3	61. 29 30 1	9 4 4		2 1 1	52b
- =	111	2 4 -	5 10	9 - 1	18	23 - -	31 1	27 1 3	22 - -	15 2 1	7	. 5 1 7	1 	1 - -	-	1 - -	-	
=		4 3	4 2 2 1	4 3 -	11 6 2 1	22 11 8 2	14 5 9	50 16 11 5	24 10 11 1	22 11 11	18 4 14 -	4 3 -	1	2 - 2 -	- -	- - -	- 1	52c
- - - - - - - - - - - - - - - - - - -	- 34 12	1 - 53	- - 80	1 - 107	2 - 126	1 - 157	209	- - - 328	2 - - 345	- - 467	520	477	.384	169	48	- - 7	- - 3	53
13 18 -	20	31, 21 - 1	45 31 2 1	62 44 1	65 50 4	90 55 6	334 60 7	209 103 9	228 111 5 2	272 189 2 4	299 208 4 8	282 191 2 1	191 192 - 1	101 67 1	16 31 -	- 3 - 4 -	2 1 -	
88 40	154 75	186 114	1 278 154	532 198	387 240	538 530	- 1 529 333	1 426 264	1 229 144	89 52	1 30 17	1 20 9	- 8 5	1	-		- 5 1	.54
40 2 6	50 3	65 2 6 1	107 10 5	120 10	129 12 6	187 10 10	185 7 6	150 5 6 1	79 4 2	36 - 1	12 1 -	10	3	1	-	111	3 1 -	
207. 136 52	264 150	268 133 97	2 412 170 177	683 272 306	918 411 369	1,389 651	1,791 856 779	1,924 895 890	1,899 943 833	1,796 866 849	1,365 646 666	770 342 398	408 174 219	101. 40- 59	21 11 9	7 1 4	11 4 4	55
6 12 1	10 13	16 22 -	27 35 2	45 56 3	68 64 6	558 91 79	72 77 3	67 64 7	72 47 4	45 32 4	19 27 6	32 16 1	5 10	2	1	2 -	2 1 -	
150	196	295	425	558 558	596	58S	531.	456 208	373 158	515 121	228 72	157 55	60 <u>.</u> 28	27	a	2	5 2	56,57
. 54 . 54 . 9 . 17	52 105 6 54	84 136 12 62	· 89 221, 12 105	114 292 25 125	130 356 27 82 1	208 299 15 61	21.9 262 20 29	210 14 23	188 7 18	163 14 17	142 6 8	91 3 8	48 1 3	9 17 - 1	ī - 1	- 1	ī	
71	1 - 124 19	1 188 36	- 313 40	2 409 54	592 41	1 1 351 81	2 - 261 79	1 203 65	2 - 179 59	- 152 40	100 26	- 74 20	36 7	- 13 4	- - -		- -	56
71 20 32 5 13	26	91 6 54	175 4 94	226 11 116	270 7 73	218 5 46	156 4 21	116 3 19	108	94 4 14	71 1 2	49 1 5	28	1	- - -	111	=	
19	62 43	1 108 56	211 126	2 298 186	278 214	1 198 159	1 89 76	79 64	70 59	. 59 49	43 41	36 32	25 22	8		•	-	56a-c
36 16	40	51 1 44 19	85 - 62 25	110 2 71 35	64 - 64 29	39 101 57	13 - 108 49	15 65 34	11 57 31	10 - 29 12	2 - 17 7	4  5 1	1 4 3	1	11	1	-	564
14 2 4	23 2 3	21 2	32 3 2	28 6 2	30 2 2	39 1 3	54 2 2 1	29 2	26	17 - -	19	3 1 -	1		- 1	1111	<u>-</u>	
1.6	22	36	40	40.	50	1 52	64	59 31	52 28	- 64	40	-	9	-	-	-	- -	56a
7 3 1	22 7 10 1	36 17 14 4	15 17 1 7	19 12 5	12 26 5 7	24 20 4	30 26 2 6	23 1 4	23 - 1	28 . 28 4 4	- 19 20 1	33 19 13 - 1 -	4 5 -	-	- -	11111	- - -	
1 59 29 22 4	72 33	207 48 45 6 8	112 49 46 8	_ 149	-	254 127	270 139	253 143	194 99	163 81	128 - 46	83 35	44 21	- 14 5 9	2	2 1	- 5 2	57
22 4 4	- 72 33 27 3 8 1	45 6 8	9	66 14 9	204 89 86 20 9	254 127 81 10 15	270 139 106 16 8	94 11 4	99 80 7. 6	163 81 69 10 3	- 46 71 5	43 2 3	44 21 20 1 2	9 -	1 - 1	1 -	1	
		4	· 5	60 66 14 9 - 4 3	4	6 2	4 3 1	253 143 94 11 4 - 1 5 4	6 3 3	- 6 6	. 6	83 35 45 2 3 - 1 1	4	- 3 3	-		:- -	57e~c
48 22	64 32	89 44	91. 45 37 5	122 48	148 68	175		177 99 69	111 58		-	15 9	- 2 1	2 1 1.	=		-	57d
48 22 20 3 3	64 32 22 3	88 44 34 6	37 5 4	122 48· 55` 13 6	148 68 64 9 7	99 65 4 4	198 105 83 8	69 8 - - 1	111 58 49 3	4	33 15 16 1	15 9 5 - 1	- 1 -	1. -	=	-		

#### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

								,	Exclusive c		
Int. List No.	CAUSE OF DEATE, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	II.—Cancer and other tumors—Continued								i		
	Normalignant tumors and tumors of unspecified nature—Continued						ļ				
	Tumors of unspecified nature—Continued	723		7	2	2	4	15	3	2	4
57e	Tumors, other organs*	333	] [	1	-	ì	1	3	) z	- 1	1
	Female NegroMale	290 56		3	2	î	3 -	8 3	1 -	2	3
	Female	41	-	1	-	-	-	1	-	-	-
	OtherMale Female	3 -	1 -	_		-	-	-	-	-	-
	III.—Rheumatism, diseases of nutrition*	46,730	948	146	61	51	56	1,262	265	293	281
	WhiteMale	15,991	458	71	32	17	29	607	85	98	91 123
	Female NegroMalo	26,650 1,232	346 81	60 10	18	23 6	19 5	46B 109	123 23	135 25	28
	Female OtherMale	2,511 84	54 6	5 -	3	5 -	3	70 6	33	35	37
	Female	62	1	-	1	-	-	2	1	-	s
58	Acute rheumatic fever	927	9	9	10	15	25	68	151	152	87
	White	344 360	- 6	1 3	3 4	4	12 7	20 24	50 62	55 61.	33 30
	NegroMale	97	1	4	1	3	3	12	15	16 20	11 13
	Female OtherMale	121 2	2 -	1 -	2	4	3 -	12	24	a0 -	1.5
	Female	3	-	-	- 1	-	-	-		-	- 1
58a.	Acute rheumatic pericarditis	35 14	-	1 -	-	-	1	2	1	8	1
	Fomslo NogroMale	10 4		-	-	-	1	1 -	3 2	3	2
	Female	7	-	1	~		-	1	1	5	1
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58b	Acute rheumatic emiocarditis	205 87		5 1	1	2	6	14 5	29	39 16	20
	Female	86 11		3	-	-	2	5 2	14	16 1	5 1
	Female	21		-	-	ī	i	2	5	6	3
	OtherMale			-	_ '	-		-	] :	-	-
58c	Acute rheumatic myocarditis	106	-	-	2	-	- 1	2	19	16	9
	White	35 41		-	ī	] -		ī	8 8	8	3 3
	WegroMale Female	14 15		-	ī	:	-	l i	2	3	1 2
	OtherMale	- 1	-	-	[ -	-	-	-	-	-	-
58a	Vemale	1 206	2	2	- 2	- 4	12	- 22	42	- 38	22
	WhiteMale	78	-	-	-		6	6	14	13	11
	Female	84 16	1 -	- 3	- S	S	4	9	18	1.6 4	7 2
	Female OtherMale	26 2	1 -	-	_	2 -	1 -	4	7	5	2 -
	Female-	- 1	-	-	-	] -		-	-	-	-
58e,f	Other forms of acute rheumatic fever, etc.*	375 130	7	1	5 2	9	6 4	28 9	55 18	51 19	32 7
	Female	139	5	-	1	2	- 1	8	19	18	13
	NegroMale Female	52 52	1	1 -	1	3 1	1 1	7 4	10	8	7 5
	OtherFemale	- 2	-		-	-	:		-	:	-
59	Chronic rheumatism, other rheumatic diseases	1,827	-	-	-	-	1 - I	-	6	5	7
	WhiteMale Female	601 1,096			_				- 4	4	4 3
	NegroMale	52 75	-	-	_		~	-	2	1	
	OtherMale	2	-	-	-	-	-	-		-	-
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	WhiteMele Female	3 -	- :	_	_	_	-	-	-	<u> </u>	-
	NegroMale	-	-	-	-	-	-	-	j -	-	l -i
	Pemale OtherMale		-	-			-	-	-	-	
61	Diabetes mellitus	38,638	19	21	- В	12	9	69	- 56	101	139
	WhiteMale Female	13,456 22,539	7	В	5 2	4	5	27	1.6	26	37
	NegroMale	858	1	12	1	-	4	36 2	30 5	56 5	68 14
	Female OtherMale	1,866 70		1	1 -	1 -		3	5	14	19
	Female	49	-	-	1	-	-	1	-	-	ı
62	Diseases of pituitary gland	152 57	5 3	1 -	1	-	2 -	9 3	5 2	5 2	4
	Female	80	ĭ	ī	-	-	2	4	1	3	3
	NegroMele Female	6 9	ī	-	1 -	-		1		-	1 -
	OtherMele Female	-		-		_		-	-	-	-
63	Diseases of thyroid and parathyroid glands	2,513	33	11	5	- 4	1	54	12	9	15
	White	431	11	5	4	3	1 1	24	6	5	2
	NegroMale	1,632 23	-	6	1 -	1	] [	27	6 -	-	9
	Female OtherMale	221 2	3 -	-	-	-		3 -	-		2
	Female	4	]	_	1 - 1	1	[	1 [ ]	]	] [	ī

RACE, AND SEX: UNITED STATES, 1948-Continued

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319	405	523	689	987	1,513	2,705	4,588	6,572	7,626	7,636	6,131	3,335	1,244	289	41	5	21	
116	152	206	254	316	513	941	1,553	2,183	2,464	2,526	2,165	1,176	446	87	5	1	4	
· 137	175 29	230 26	279 41	459 56 143	637 95 258	1,318 122 312	2,587 144	3,899 125	4,710 121 309	4,779 112	3,764	2,064	746 17	187 5	28 4	1 :	11 2 3	
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27	36 13 17	24 25	20 28	47 17 21	8 7	36 17 9	30 14 30	9 8	8	17 10 5	26 9	15 5 6	10 2 5	2 3	ī	1	-	30
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182	263	307	438	669	1,187	2,239	4,080	5,891	6,828	6,791	5.384	2,814	962	195	23	- 2	18	61,
65 87	116 110	114	189 147	241 285	428 471	914 1,044	1,303 2,303	1,988 3,487	2,260 4,195	2,310 4,209	1,950 3,268	1,026 1,725	365. 562	65 119	3 15	-	10	
15 15	19 18	16 30	27 73	37 99	70 208	105 267	125 260	110 280	- 98 256	95 160	71 90	24 33	11 24	4 7	3 2	ž	2	
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- 26 3	43 5	79 17	78 11	137 25	151. 25	253 45	261. 59	362 81	371 56	345 40	200 18	82 8	25 1	8 -	1 -	=	1 -	63
16 1	21 2	59 1	48 1	81.	91. 4	181	1.64	256 1	294	295 1	176	72	24	8 -	=	-	- 1	
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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

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Int. List No.	CAUSE OF DEATE, RACE, AND SEX	Total deaths	Under 1 yeer	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	III.—Rheumatism, dis. of nutrition*—Con.										
	Diseases of thyroid and parathyroid glands Con.										j
63a	Simple goiter	1.36 28	3 3	-	-	-	-	3 3	- '	1	
	Female	86	-	-	_	-	- 1	-	_	1.	-
	NegroMale Female	1 21	_	-	-	-	-	-	_	-	-
	Other	-			-	- 1	-	-	:	-	-
63b	Exophthalmic goiter	1,976	-	-	-	_		-	i	3	11
	White	293 1,473		-	-	<u>-</u>		-	i	2	1 7
	NegroKale Female	19 186		-		-	-	-	] -	-	1 2
	OtherMale	2	-	-	-	-	-	-	-	-	-
C7	Female	3 401	- 30	11	5	- 4	1	- 51	1 11	5	_ [
63с-е	Other diseases of thyroid and parathyroid glands	170	8	5	4	3	î	21	6	3	l i
	Female NegroMale	273 3	19	6	1	1 -		27 -	5 -	- 2	2
	Female OtherMale	14	3	_	-	-	-	3			<u> </u>
	Female	1		-	-	-	-	-	-	-	1
64	Diseases of thymus gland	828 423	689 358	45 25	17 11	8 1	8 2	767 397	20	12 7	7
	Female	293	239	15	5	7	5	271	10	3	1 1
	NegroMale Femalo	66 41	55 33	1	1	] [	1 -	61 34	1	2	ž
	Other	3 2	3 1	-	-	-	-	3 1	ī	-	-
65	Diseases of adrenal glands*	492	32	15	4 2	1	2	54 29	7 3	2 2	11 6
	White	211 249	19 9	6	2	-	-	17	3	-	4
	Negro	20 10	2	1	-	1 -		4 3	1 -	_	] i
	OtherKale	2	ī	-	-	-	-	1 -	_	-	- 1
66	Contract of the Contract of th	496	178	32	12	6	5	173	8	5	10
	White	198 210	46 50	17 14	7 4:	3	1	77 72	6	1 3	5 5
	Nogro	44 43	12 9	1	1	-		14 9	ī	- 1	- 1
	Other	1	ĭ	-	-	-	-	1	-	-	- }
	Female	12	4	2	[ ]	_	-   -	6	1	_	
67	WhiteMale	5		2			-	2	-	-	- }
	Female NegroMale	6	3	-	-	_	-	3 -	1 -	:	] []
	Female	1	1	-	-		<u> </u>	1	_	-	-
	Female	-	-	_	-	-	-	- 5	-	-	-
68	Beriberi	66	1	1	1			3	-	1 -	
	WhiteMale Female	33 24	i	ī	-	-	-	2	]	ī	-
	NegroMale Female	S 6	-	-	. <u>.</u>	_		1 -	-		-
	OtherMale Female	1		-	-	_	1	-	_	_	-]
69	Pellagra (except alcoholic)	606	1 1	-	- !	=	1	s s		-	1
	WhiteMale Female	164 296	-	-	_	] -	-	-	-	-	-
	SegroNule Female	37 106	]	-	-	_	1	_	_	-	1
	OtherMale	1		7	-	-	-	<u>-</u>		-	- 1
70	Female	2 41	26	7	1	4	2	40	_	· -	_
70	WhiteMale	16	8	5 2	-	2	1	16 9	:	-	- [
	Female NegroMale	10 11	6 8	-	1	1	1	11	-	-	-}
	FemaleOtherMale	3 1	3	-	-	-	-	3	:	_	
	Temale	129	n	2	ž	- 1	1	17	ī	ī	]
71	WhiteMale	49	5	5	s	-	1	10	-	1	-
	Female NegroMale	55 12	3 2	-		- 1	-	3 3	ī	-	-
	Female	13	1	-			<u>-</u>	1 -	]	-	] :
	OtherMale Female		] -	_	-	-	-	-	-	-	-
	IV.—Diseases of the blood and blood-										
	forming organs	11,697	514	190	206	191	149	1,250	401	262	314
	WhiteMalo	£,054	242 200	89 70	103 82	98 83	70 67	602 502	233 140	145 109	163 114
	Female Negro	4,836 411	41	13	13	4	5	76	15	18 11	18 16
	Female Other	355 22	27 2	15 2	7	1	7 -	60	13	-	1
	Female	19	2	1	-	1	-	4	-	1	2
72	Hemorrhagic conditions	544	129	20	13	8	5	1.75 95	24 14	23 10	29
	WhiteMale	260 230	68.	11 8	9	5 3	3	59	9	10	រីវី
	NogroMale	21 28	9	-	1	-	:	10 9	i	2	29 15 13 1
	Female OtherMale	2		1	-	-	-	1	-		;
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RACE, AND SEX: UNITED STATES, 1948—Continued

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20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 tó 44 yeárs	45 to . 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 . years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
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3 13 1	5 16 1	10 32	8 41 1	18 66 4	22 69 4	31 159 3	45 157 3	68 214 1	36 245	29 235 -	10 142	4 53	1 15	7	-	· :		
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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

									EXCTURIAN C		
Int. List No.	CAUSE OF DRAME, RACE, AND MEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	IV Diseases of the blood and blood- forming organs Continued										
73	Anemias(except splenic anemia)	2,605 1,156	166 74	<b>4</b> 0 17	1.3 3	7	10	236 96	27 13	27 6	33 10
	Female	1,181	60	1.0	4	2	3 5	81	6	11	10
	NegroKele Female	122 139	19 12	8	3 3	2	2	28 26	5 3	3 5	6 7
	Other	2 5	1	- 1		ī		- 3	<u>-</u>	<u>-</u>	-
73a	Pernicious anemia	1,453 670	1		-	Ξ	1	2 1	2 1	3 2	3
	Female	712	-	_	- :	-	1	1	1	1	2
	HegroKale Famale	27 41	-	-	_	-	[	-	_	-	ī
	OtherMale Female	2	-	-	- 1	-		-	_	_	-
73b-d.	Other anemias (except splenic)	1,152	165	40	13	7	9	234	25	24	30
	White	486 469	73 60	17 10	3 4	2	3 4	97 80	12	10.	10 8
	Negro	95 i 98 i	19 12	4 8	3 3	2	- 2	28 26	5 3	3 5	6
	OtherMale	- 4	ī	ī	-	i		3		-	
74	Leukenias and aleukenias	7,782	150	113	172 86	171 90	125	731 358	335 198	221 122	233 131
	White	4,267 3,102	68 72	52 46	74	75	62 57	324	121	82	83
	NegroMale Female	228 158	5 3	7	8 3	2 3	2 4	24 20	9 7	11 5	10 7
	Other	17 10	2 -	1	1 -	1 -	-	5	-	ī	1
74s.	Leukemias	7,448	145	113	169	163	122	712	315	230	225
	WhiteMale Female	4,091 2,951	64 71.	52 46	96 71	85 72	61 55	348 315	1.85 1.15	116 77	124 81
	NegroMale Female	225 354	5 3	7	8 3	2 3	2	24 20	9	11 5	9 7
	Other	17 10	2 -	1	1	1 -	<u>-</u>	5		1	1
74b	Aleukemias	334 176	5 4	-	3	8 5	3 1	19 10	20 13	11 6	10 7
	Female	151	1	-	3	3	2	9	6	5	2
	Negro	3 4	-	-	-	-		-	ī	_	-
	OtherMale Female		-	-	=	-		-	-	_	-
75	Diseases of spleen	474	31	8	5	4	7	55 24	10	6 3	14 6
	WhiteFemale	235 194	15 10	4 3	3 -	1 3	2	18	1 1		7
	NegroKale Female	26 18	5 1	1 -	1	i -	5 1	10 3	1 2	- -	
	Other	1 -	-	- 1	:	-	-	-	_	-	-
76	Other disease of blood and blood-forming organs	292 136	36 17	9 5	3 2	1	2 2	53 27	5 2	5 -	5 3
	Female Negro	129 14	16 3	3 1	1 -	-	-	20 4	5 -	5 2	1 -
	Female OtherKale	12	2	-	<u>-</u>	-	-	2	-	-	1 -
	Female	1	-	-	-	-	- ]	-	-	-	-
	V Chronic poisoning and intoxication	2,550	1	7	8	4	3	25	3		9
	White	1,784 322		2 1	2 3	1	1	6 6	1 -	-	1
	Hegro	312 108	1 -	4	2	1	<u>i</u>	8 3	1		2 2
	Cther	18 6	_	-		=	-	-	_		] -
77	Alcoholism (ethylism)	2,433	1	1	-	1	2	5	3	-	8
	White	1,715 295	-	-	_	_	- i	ī	1	] :	4
	Negro	296 106	1	1	] :		ī	2	1		2 2
	OtherFemale	15 6	<u> </u>	-	-		-	-	_	=	<u>-</u>
78	Lead poisoning	46	1 -	6	8 2	3	1	18 6	-	-	<u>-</u>
	WhiteMale Female	32 5		2	3	1	1 -	5	-	-	-
	NegroMale Female	8	_	3 -	2	-		6	-	-	-1
	OtherMale Female	-	-	_	-	_	-	-	-	:	-{
79	Chronic poisoning by other mineral substances*	71 37		_	-	-		-	-	_	1
	Female	22	-		-	=	-	-	-	-	i
	Negro	8	_	-	_	-	-	-	-	٠,	
	OtherMale Female	3 -		-	-	:	-	-	-	-	-
	VIBiscasco of the nervous system, etc.*	145,534	1,575	569	267	206	166	2,803	576	467	572
	WhiteMale	63,236	730	259	125	96	73	1,283	278	226	267 189
	Female NegroMale	63,527 8,728	509 178	23.5 40	102 31	71 24	58 16	965 289	216 40	152 45	67
	Female OtherMale	9,624 256	134 14	49 5	25 2	1.2	9 -	229 21	39 1	39 1	45 2 2
	Female	163		l 1	2	1 3	ا _ا	16	li 2	1 4	1 2

RACE, AND SEX: UNITED STATES, 1948-Continued

20 to 24 years	25 to 29 years	30 to 34 years	35 to , 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	. 80 to 84 years	85 to 89, years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
39 11 17	27 5 12	35 6 15	36 9 16	50 14 22	73 29 29	115 47 47	130 60 53	205 92 92	261 125 113	364 170 181	422 212 207	315 144 166	3.63 84 77	35 15 18	11 4 6	2 -	1 -	73
11 17 5 6	2 8 -	6 -	5 6 -	6 7 - 1	6 9 -	8 13 -	11 6	11 8	11 11	5 6 2	1 2	3 -	1	2	1 -	i -	=	
1 3	2	5 1 3	9 1 6	17 5 8	34 12 15	52 20 19	63 28 28	111. 46 55	179 - 87 81	273 127 137	312 154 157	237 107 128	11.7 65 51	15 6 51	5 5 . 2	-	-	73a.
	2	1 -	- 2 -	1 2 - 1	3 4 - -	6 7 -	2 5 -	6 4 - -	6 5 -	2 5 2 -	1	2	1 - -	-	-		-	
35 10 14 5	25 5 10 2	50 5 12 8	27 8 10 5	33 9 14 5	39 17 14 3	63 27 28 2	67 32 25 4	92 46 37 5	82 38 32 5	91 43 44 3	110 58 50 1	78 37 38 2	46 19 26	14 6 6	6 1 4	2	1	73b-d.
6	6	5 - -	-	5 - -	5	6 - -	6 - -	-	1	1 - -	1 -	1 -	1	2	1	1	-	
206 - 108 - 79 9	218 125 77 8	248 124 101 13	298 142 125 12	305 169 102 19	443 214 194 21	572 299 236 21	762 407 315 19	843 486 320 24	833 475 333 12	698 409 277 9	501 309 184 4	251 146 103 2	73 43 30 -	16 3 13	2 -	=	3 1 1	74
9	6 1 3 213	.1	5 -	14	1 5 11	15	21. - -	1 1	1 1	2 1 -	-	:	· -	-	-	-	-	
194 104 73 8	121 74 8	243 121 99 13	274 137 117 12	291 160 97 19	428 205 188 21	550 291 222 21	734 392 303 19	792 462 294 23	791 455 511 12	659 387 260 9	484 296 180 4	242 140 100 2	73 43 30	15 3 12 -	. 2	=	3 1 1	74a
12	5 5 5	9 1 5	5 3 - 14	14 1 -	1 1 15	15 - 1 22	20 - - 28	11 1 51	11 1 1 42	2 1 - 39	- - 17		-	-	=	= =	1.1.	7 <b>4</b> b
6 1	3 -	3 2 -	5 8 - 1	9 5 -	9 6 -	8 14 - -	15 12 - 1	24 26 1	20 22 -	22 17	15	.6 3 -	-	ī -	-			
14	24	- 18	19	- 30	- 41	- - 43	- 45	- -	- - 30	- - 40	- - 23	14	- 6	-	-	=	-	75
9 1	13 9 2	12 5 -	12 6 -	8 16 3 3	16 22 2 1	23 15 2 3	27 16 1	18 21 1 2	20 9 1	21 17 1	9 14 -	9 4 - 1	2 -	-	-	=		
4 3	. n	6	zi zi	- 30 4	- 13 g	20 9	1 - 20 10	41 20	- 35 20	- 15 9	15 9	- 11 5	1	1	= -	-		76
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35	69	164	1 328	388	390	313	. 270	215	161	87	43	12	- - 5	- - 3	-	-	12	
15 2 35	41 10 22	90 26 31	200 56 51	255 64 45	291 51 31	243 32 34	203 25 34	170 19 19	132 14 9	77 6 3	33 5 5	6 4 1	5 - -	1 1 -	-	-	n -	
1 -	14 2 -	14 1 2	18 1 2	22 2 -	13 4 -		5 2 -	5 2	5 3 -	1 -	-	ī	- -	1 - -	= 1	=	111.	
31 21 2 15	79 34 9 20	157 87 25 29	317 194 55 49	382 252 61 45	379 284 · 49 30	306 237 31 34	260 197 22 33	212 168 18 19	150 126 11 8	78 69 5 3	37 29 3 5	11 6 3 1	5 5 -	1 - 2	=		10 - 1	77
1 -	14 ·2 -	14 - 2 -	17 1 2 5	22 2  2	13 3 - 2	3 1 - 3	6 2 - 5	5 - 2	5 2 - 3	1 - - 6	2	1	-	1 - -	=	-	- -	78
·- -	:	=	5 2	2 -	2 -	3 -	5	=	3 - -	6	2 -	=	· -	-	- -	1.1.1	- - -	
	- - 10	- 7	- - - 6	- - 4	. 9	-	- - 5	- - 3.	- - - 8	- 3	- 4	- - 1		- - - 1	-	111	- - 1	79
-	7 1 2	1 2	3 1 1 1	1 3 -	8 2 1	1. 3	1 3 1	2 1 -	3 3 1	2 1 -	2 -	ī		ī	- - -	1 - 1	1 - -	19
-	-	1	-	7 400	1	-		-	1				-		-	-	-	
378 266	956 416 331	1,295 499 443	2,017 737 650	3,209 1,102 1,079	5,154 1,740 1,806	8,014 2,984 2,916	10,907 4,645 4,035	6,724 5,506	18,886 8,808 7,726	21,910 10,141 9,873	22,813 10,359 11,044.	17,008 7,395 8,782	9,561 3,848 5,290	1,195 1,799	168 391	128 20- 47	. 25 21	
85 69. -	101 105 1	169 182 1	278 347 4	440 570 10	903 11 7	991 1,090 18	1,113 1,082 21 11	1,075 1,212 35 14	1,090 1,187 45	9,813 875 968 34	689 687 26	360 454 9	201 207 8 7	93 5	35 51 -	16 44 1	15 21 2	

## VITAL STATISTICS OF THE UNITED STATES

TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

			T				Y		Exclusive o	,	
Int. List No.	Cause of Death, Race, and Sex	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	VI.→Diseases of the nervous system, etc.*—Continued										
80	Encephalitic (nonepidemic)	1,163	138	71	4.2	41	20	312	87	щ	43
	WhiteMale Female	572 406	62 49	37 23	15 16	19 16	10	140 114	41. 35	24 12	16 17
	NegroMale Fcmale	111 66	16	6	7 4	3 3	5	33 21	8 3	5 2	6 4
	OtherMale Female	2 6	- 3	1	-	-		1 3		ī	-
81	Meningitis (not due to meningococcus)	1,851 833	587 262	200 81	74 33	53 20	33 14	947 410	77 39	63 25	55 25
	Female NegcoMale	563 251	180 76	74 23	20 12	20 9	14. 4.	308 124	27 3	20 9	14 13
	Female	181 10	61 5	21	8	2	i	95 5	7	7	1
	Female	13	3	1	1	2	-	7	ı ı	г	-
82	Diseases of spinal cord (see exceptions)*	2,574 1,436	27 15	27 11.	12	15 6	15 7	96 43	57 29	47 27	56 36
	Female NegroMale	928 111	10 2	- 12	7 -	5 2	7 1	41 5	23 3	15 3	15 3
	Female Other	92 5	- :	4	1 -	- 2	-	7 -	3 -	2 -	1
	Female	2		-	-	-	-	-	-	-	1
83	Intracranial lesions of vascular origin	131,036 56,276	184 94	85 42	40 18	36 22	21 11	366 187	103 47	98	126 52
	Female NegroMale	57,954 7,638	63 14	29 7	18 2	8	7	125 27	41 6	39 6	53 14
	Female OtherKale	8,821 218	10	6 1	2	2	2 -	22 3	1	9 -	7
	Female	129	1	-	-	1	-	2	1	-	-
83a	Cerebral hemorrhage or effusion*	110,394 46,706	139 67	56 28	25 13	26 16	12 6	258 130	64 30	71 33	89 37
	Female NegroMale	48,703 6,767	51. 12	17 6	9 2	5 2	1	86 23	23 4	29 3	36 11
	Female OtherMale	7,916 186	8 1	1	1	2 -	1	16 2	6	6	5
83b,c	Female Cerebral embolism, thrombosis, and softening	116 17,7 <b>43</b>	24	م-	- 3	1 3	2	1 42	12	10	18
	White	8,362 8,086	17 5	5	1 2	1 2	1 1	25 14	6	4	6 10
	NegroMale Female	631 631	1 -	ī	-	]	1	2	1	1 1	1
	OtherMalo Female	25 8	i	-	-	_	-	ī	Ξ:	-	= 1
834	Hemiplegia, other paralysis, etc.*	2,899	21	19	12	7	7	66	27	17	19
	WhiteMale Female	1,208 1,165	10 7	9 8	4 7	5 1	2	32 25	13	6	9
	NegroKale Female	240 274	1 2	2	ĩ	1 -	ī	6	1 -	2 2	2 ( 1 )
	Other	7 5.	1 -	-	-	_	- ]	1	1	-	-
84	Mental diseases and dericiency (see exception)* White	1,376 ' 474	125 54	27 18	11 8	5 3	6 4	174 87	19 10	17 6	29 9
	Female Negro	631 128	66 3	6 1	2 1	2	1 -	77 5	6	7	10 3
	Female Other	141	1	2	=	-	1 -	4	3 -	3	7
	Female	î	-	_	-	-	-	-	-	-	-
85	EpilepsyWhite	1,969 948	12 4	13 5	20 20	11 6	17 5	73 32	77 41	90 43	157 80
	Female Negro	564 228	3	5 1	6	5 5	10	27 8	24. 8	24 13	42 19
	Femala Other	125 2	ĭ	2	î	ĭ	î	š -	ă .	10	16
	Female	2		Ξ.	-	-	-	-	-	-	-
86	Convulsions (under 5 years)	285 107	194 77	53 17	10 10	9 2	7	285 107		•••	•••
	Femnlo Negro	93 41	53 31.	30 2	4 3	4 3	2 2	93 41	:::	:-:	:
	Femile Other	36 6	29 3	2 2	3 1	-	2	36 6	:-:		:::
87	Other diseases of nervous system	2 4,620	145	- 67	1 41	- 32	40	2 325	ile	74	80
	WhiteMale Female	2,250 2,065	78 45	34 27	18 18	16 13	20 15	166 118	55 44	58 24	36 29
	NegroMale Female	154 129	10	1 5	1 3	1 2	3 2	16 22	9 10	5 5	7
	OtherMale Fonale	9	2	=	i -	=	-	3	-	1	1
88	Diseases of organs of vision	38	6	_	3	2	2	13	2	4	1
<b>5</b> 0	White	10 20	2	-	1 2	1	i	5 6	1	1	i
	NegroMale	Б	2	-	-	-	=	8	=	1	-   -
	Femala OtherNale	1 -	-	-	-	-	] - [	-	Ξ.	-	
89	Fomale Diseases of ear and mastoid process	622	157	- 26	22	2	- 5	212	36	- 50	25
-	White	330 203	82 37	14.	6 9	i -	3	106 56	16 15	18 10	14 9
	NegroMale Female	50 32	21 14	i 1	4 3	1 -	i i	28 18	3 2	ž	2
	OtherMale	3	1 2	i			-	2 2	-		-
	Female	4	. 2		· -		1		-	1	· -

## GENERAL TABLES-DEATHS FROM EACH CAUSE

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths a	mong are			,													<del>,</del>	
20 to 24 years	25 to 29, years	30 to 54 years	35 to 39 years	40 to 44 years	45 to 49 years	SD to S4 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 yeara	95 to 99 years	100 and over	Not stated	Int. List No.
years	years	years	Atata	Agers	years	years	years	years	Jear B	years	346213	Jenis	<b>J</b>		Jeans			
										,				•				
61 31	58 30	. 26	80 41	60 27	64 40	71. 36 20	68 32	53 31 15	62 33 25	17 10 7	23 9 13	8 4 3	· 2	1	-	-	-	80
21 6 3	18 4 5	16 4 3	27 8 4	22 7 4	13 8 3	8 6	·27 7 2	5 2	2	-	i	1	ī	· -	=	_		
- - 56	- 1 59	, - 59	72	62	- 62	- 1 59	- 78	- 69	1 - 54	- 42	- - 19	- 12	-	-		=	-	81.
27 15	24 18	26 11	35 14	28 12	32 35	28 14	40 19	37 23	24 20	25 12	8 9	. 9	1 2	ī	=	] :	-	
6	8 9 -	12 9 1	15 8 -	15 6	9 6	11 6	13 5 1	3 4 2	5 4	2 3 -	1	2	i	=	1 - -	=	-	
1 52	62	67	- 84	1 105	135	213	287	308	1 323	- 294	227	- 107	37	<u>н</u>	- 4	, - 1	1	62
50 15	41. 15	31. 23	51 21	57 33	70 44 10	11.9 70 11	157 107 15	180 113 9	197 116 7	176 107 6	11.6 101. 6	64 41 2	15 19	6 5	. 2	ī	1	
3	4	8 5 -	· 5 -	10 5 -	ii -	12	8	5 1	10 2	5 -	3 1	-	3 -	-	=	-	-	
233	- 347	696	1,321	2,477	4,385	7,128	9,890	13,460	17,744	20,862	21,937	15,561	9,364	3,083	635	123	77	83
112 69 26	137 115 40	244 220 104	414 408 205	780 810 345	1,380 1,519 620	2,567 2,564 926	4,128 3,636 1,042	6,136 5,073 1,037	8,226 7,248 1,047	9,576 9,442 849	9,937 10,625 667	7,178 8,566 354	3,769 5,186 195	1,157 1,765 66	161 387 34	20 44 16	24 19 12	
26	54	127	293	527 9	849 11	1,040 17	1,054 20	1,198 32	1,355 41	942 34	675 25	444	199 8	90 5	50	43	20 2	
183	285	617	1,184	6 2,245	6 3,979	6,359	10 8,621	11,635	27 15,051	17,358	18,146	13,567	7 7,591	2,414	517	94	66	83a.
. 88 53	104 95	212 192	371 351	692 735	1,235 1,375	2,222 2,325	3,537 3,202 912	5,197 4,421 907	6,850 6,177 925	7,896 7,853 737	6,155 8,606 580	5,827 7,027 317	3,030 4,188 180	908 1,368 59	123 316 31	31 31	18 14 12	
19 23 -	. 52 	97 115 -	183 278 1	313 491 8	572 781 10	835 948 16	946 17	1,070 27	1,036 39	825 29	581 17	380 7	180 6	7 <u>4</u> 5	45	38	20 2	
33 16	1 36 17	.53 18	110 35	6 193 76	6 331 125	1.5 663 304	7 1,099 536	13 1,576 826	24 2,312 1,221	18 3,019 1,466	7 3,312 1,556	2,621 1,195	1,572 662	595 222	100 36	29 9	7 3	85b,c
9 6	16 2	22 5	46 20	· 62 26	125 33	213 72	379 102	569 91	916 92	1,387 76	1,629 59	1,356 25	887 8	356 6	61 1	13 2	4	
2	-	8	9 -	28 1	47 1	73 1	76 3 3	84 5 1	78 2 1	66 4	62 6	42 2 1	14	<u> </u>	2	5	-	
17 8	26 16	26 14	27 8	39 12	75 20	106 41	170 55	269 113	381 155	465 214	479 226	373 156	201 77	74 27	18 2	-	4 3	836
1 7	5	6 2	11 2	13 6	19 15	26 19	55 · 28	83 39	153 30	202 36 31	190 28 32	163 12 22	111 7 5	41 1 5	30 2 3	-	-	
1	-	-	6 - -	-	21 - -	19 1	32	34 - -	41 - 2	1 1	2	. :	1	_	1	_	= -	
75 .24 24	72 22 26	78 20 32	92 24 36	89 26 35	95 35 38	117 40 57	98 24 60	97 35 52	87 23 49	86 25 45	72 32 30	45 14 23	32 11 -19	10 , 5 4	2 2 -		=	84
14	9 15	- 9 17	14 17	17	10 12	7	2 2	5 5	13	7 9	.7	4	1	ī	] :	ī	-	
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202	215 104	189 84	161 77	166 81	135 67	107 50	91 45	93 45	67 52	54 51	57 29 24	19 10	11 5 5	3 1	=	=	2 -	85
77 22 12	71 28 12	70 21 14	52 17 13	48 29 7	43 13 11	36 15 6	27 16 3	36 11 1	30 2 3	19 1 3	2 2	8 -	1 -	1 -	=	-	1	
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94		130	189	225	249	290	364	435	522	541	464	242	103	46		::;		87
41 42 5	118 44 60 9	52 60	83 89	90 112	99 126	129 146	195 144	246	269	295 231 10 5	224 233 5	242 11.7 123	44 54	23 21	3 2	ĩ	1	
. 5 6 -	1 4	130 52 60 11 7	89 10 6 1	15 9 1	15 9	30 5	1.5 6	177 5 7	13 11 1	10 5	2	2	44 54 3 2	2	ī	=	2 -	
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Table 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

								(4	evisuloxi	r stillbir	the and of
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	VIIDiseases of the circulatory system	505,716	367	108	54	60	58	447	351	541	844
	White	275,787 186,428	71 56	36 44	23 15	21 23	18 24	171 162	132 123	215 194	378 279
	NegroFemale	22,732 19,665	20 18	13 10	10 5	7	6	56 49	45	50 79	73 106
	Other	833 271	2	3	1	1	ī	7 2	2 -	2	5
90-95	Diseases of the heart (all forms)	471,469	131	99	52	56	56	394	337	529	797
	White	259,308 171,686 21,199	54. 44. 18	35 40 12	22 14 10	20 21 7	18 23 5	149 142 52	129 116 43	212 186 49	358 262 70
	Female OtherMale	18,263 769	14	10 2	5 1	7	9 -	45	48 1.	79 2	99 5
90	Pericarditis (except acute rhoumatic)	244 469	14	<b>-</b> 5	-	1 2	1	22	5	1.	3
	WhiteKale Fonale	247 130	6 5	2	-	1	-	9	2	2	6
	Negro	59 31 2	2	2 - 1	-	-	1	2 1	1	1	1
90a	Other	12	-	-	-	-	=	] = [	- 2	-	=
	White	6 3	-	-	-	-		-	_	-	-
	Negro	2 1	-	-	-	-	-	-	1	-	-
90%	Other	- 457	14	- - 5	-	- 2	- 1	- - 22	- 3	- 4	- - 9
505	WhiteMale	241 127	6 5	2	-	1		9	5	2	1 6
	Negro	57 30	2	2	-	-	- 1	2	1 -	1	1
	Other	2	-	-	-	-		1 -	-	-	=
91	Acute endocarditis (except rheumatic)	1,102 498 348	10 6	3	3 2	7	6 - 5	29 10 12	25 9	29 9	42 14 18
	Female Negro	128 117	3 - 1	1 - 1	1	2 3 1	1	3 4	10 3 3	11 3 5	1 9
	OtherMale Female	7 4	-	-	-	-			-	1	_ [
91a,b	Bacterial, scute, and subscute endocarditis	1,026 480	10	2	3 2	6 1	6	27 10	24 9	25 9	36 13
	Female Negro	321 115 99	3 -	1	1 - -	1 3 1	5 - 1	11 3 3	9 3 3	9 3 3	14 1 8
	OtherFemale	7	-	-	-	=	Ξ		=	ī	
91c	Endocarditis (unspecified, under 45 years)	76 18	-	1 -	-	1	-	2 -	1 -	4	6
	Female NegroMale	27 13 18	-	- - 1	-	1	-	1 - 1	-	2 - 2	1
	Female OtherMale Female	- 1B	-	-	-	-	= =	]	-	-	1
92	Chronic affections of valves and endocardium	29,544 13,753	-	15 9	5 3	9	6 3	35 19	81 32	152 59	217 98
	Femnle NegroNale	12,028 1,922	-	3 1	1	1 2	3	B 3	25 10	60 8	75 13
	Female OtherMale	1,768 46	-	1	1 -	2 -	-	1	14	25 -	30
92a	Diseases of acrtic valve, etc.*	27 3,052	-	-	ī	-	-	1	-	2	5
	WhiteNoic Female NogroNale	1,595 860 332	-	-	-	-	-	_	-	1	î i
	Female OtherMale	255 6	-	-	1	-	-	1 1	-	1	3 -
92b	Diseases of mitral valve, etc. WhiteMale	12,550 5,615	-	7 3	2 2	- 5 4	- 3 2	17	47 17	- 88 28	125 58
	Female	5,421 759	-	2 1	-	- 1	1	3 2	15	41 5	46 7
	Femnle Other	720 21	-	1 -	-	-	-	1 -	10	14	14
920	Chronic rhaumatic endocarditis, etc.	2,037	-	1	- -	ī	-	2	23	40 22	52 24
	WhiteMale Female NegroMale	1,130 776 62	-	1	-	1	-	. 1	12 8 1	11	19 3
	Pemale Other	65 1		-	-	-	-	-	s -	6	5
924	Other chronic endocarditis, etc.*	3 10,579		7	2	3	3	15	ű	22	1 35
	WhiteMald Female NegroMald	4,847 4,462 641	-	5 1	1	1	2	7 5	5 2 4	9 7 2	15 9 3
	regro	611		- 1	-	2	-	2	2	4	B -
92e	Female Endocarditis (unspecified, 45 years and over)	5 1,326			•••						
	WhiteMale Female	566 509 128	:::	•••	:::	:::	:::	:::			:::
	NegroMale Female Other	128 117 5		•••			:::		•••		
	Female	ī		•••	•••		!	1			

# GENERAL TABLES-DEATHS FROM EACH CAUSE

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths among armed forces overseas)			
24 29 34 39 44 49 54 59 64 69 74	79 84 89	90 to 95 to 10 94 99 an years years ov	
1,225 1,905 3,264 6,408 11,820 19,601 31,627 42,878 55,239 66,926 74,719 7	74,089 59,466 37,229 1	13,443 2,856	518 320
543 828 1,544 3,454 6,922 11,884 19,904 27,389 34,370 39,124 40,574 3	57,492 28,068 16,299		121 145
421 628 974 1,551 2,544 4,105 6,722 10,280 15,420 22,223 29,476 3	1,899 1,130 597	247 120	215 30 66 52
2 6 6 11 51 45 60 76 126 121 106	1,850 1,065 607 100 60 45	13 6	104 30 3 3 2 3 9 1
5 6 10 5 7 16 21 22 19 34 26	22 26 15 58,253 53,112 32,015 1	14 7	393 296 90-95
511 774 1,449 3,325 6,727 11,584 19,465 26,736 35,384 37,579 38,231 3	54,552   24,981   13,913	4,253 788	81 141 167 80
96 175 312 608 1.120 1.766 2,629 2,809 2,791 2,744 2,282	1,733 997 507 1,415 947 541	215 101 277 99	57 45 82 27
2 6 5 11 30 41 58 70 119 115 96 5 5 10 5 7 13 19 19 18 31 26	91 53 38 22 22 14	15 5 11 6	2 2 4 1
8 14 20 23 29 39 42 39 50 40 43	36 27 16 13 12 11	2 1	sx
5 2 8 7 5 10 5 9 15 11 11 11	19 9 5	1 1	
1 2 - 5 5 8 8 4 3 5 1 2 - 1 2 1		<u> </u>	
		=	90s
			=   =
8 13 19 22 29 36 42 38 49 40 41 4 6 6 8 19 13 26 24 53 25 28	36 · 27   16   13   12   11	2 1 1 7	908
3     2     8     7     5     9     5     8     13     11     10       1     1     -     5     5     8     8     4     3     5     1       -     3     5     2     -     1     2	19 9 5 3 5 - 1 1 1 -	1 -	
- 3 5 2 - 6 5 2 - 1 2 - 1 2 - 1 2 1 2 1 2 1 2 1 2 1 2	1 1 -		
57 54 66 86 86 82 83 88 104 93 77	52 28 16	3 1	- 1 91
20 21 27 31 35 35 44 49 57 47 40 28 19 25 33 28 24 19 19 21 21 22 28	30 11 9 13 11 5	1 1	- 1
3 6 8 11 16 14 12 14 9 3 6 8 6 10 7 6 4 8 10 15 6 1	5 2 2	i  -	
51 47 .58 67 65 82 83 98 104 93 77	52 28 16	3 1	1 91s,t
17 18 24 27 29 36 44 49 57 47 40 26 17 23 27 21 24 19 19 21 21 28	30 11 9 13 11 5	1 -	
2 6 7 8 8 8 14 14 12 14 9 3 6 6 6 4 8 10 15 6	4 4 - 5 2 2	ī	
2 2 2 - 2 1			
6 7 8 19 25			91c
2 2 2 6 7		***	:::  :::
2 2 6 4		•••	
308 398 609 876 1,118 1,443 1,979 2,408 2,727 3,378 3,876	3,952 3,191 1,945	667 145	27 14 97
147 164 275 405 516 553 919 1,199 1,427 1,686 1,863 128 166 257 518 425 481 647 785 901 1,240 1,582	1,855 1,416 756 1,778 1,571 1,084	225 38 397 85	3 11 4
9 51 50 67 81 138 212 249 213 240 240 22 35 43 84 91 167 136 165 182 201 183	174 110 53 140 91 48	19 14 28 8	3 5 10 1
- 1 2 2 5 4 2 6 4 5 6 2 1 4 2 3 4 - 6 2 14 13 34 68 97 159 243 311 384 427 460	4 3 1 1 - 1 575 245 155	49 11	1 2 92
9 5 74 28 47 74 125 198 254 231 228	194 118 72 142 100 69	15 2 30 7	
2 3 7 17 18 34 54 34 29 44 41	21 15 8 16 12 5	3 1 1 1	1 2
			<u> </u>
185 241 371 525 642 739 921 1,029 1,130 1,280 1,419 84 98 153 238 282 511 396 473 547 610 671	1,525 1,193 745 720 519 290	263 53 92 13	8 6 921 2 2
79 107 180 218 290 303 369 392 427 497 578 5 18 12 29 34 51 84 99 82 96 84	679 588 420 68 50 17	154 31 4 5	2 2
15 16 21 57 55 72 71 60 75 71 81 1 2 1 5 1 3 5 5	57 55 18 1 1 -	13 4	4 -
2 1 3 1 2 - 3 2 18	117 64 51 52 35 7	9 3	924
	52 35 7 61 27 21 1 1 2	6 2 - 1	=   =
1 7 4 6 6 4 5 5 6 5 4 4 3 5 3 7 5 5 3 6 2 4	3 1 1	=   =	
	1,712 1,504 923	302 67	15 5 92
22 25 38 50 92 136 225 340 465 673 812 14 20 35 46 72 78 144 228 285 501 697	794 669 352 795 762 531	99 18 182 40	1 2 2
1 3 7 15 23 40 57 89 82 79 88 4 16 8 29 27 50 74 68 63 76 60	70 39 20 49 33 19	10 6	1 1
	3 1 1		3 1 92
40 85 107 120 195 221 15 31 42 69 92 95 7 20 28 31 66 87	225 187 89 95 75 35	44 11 14 5 25 5	-  -
7 20 28 31 66 87 9 12 22 14 18 25 11 21 46 6 15 15 1 1 1 1 - 1 1	101 94 43 14 7 6 15 10 5	1 1	1 - 1
			El El

TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

									····		the end of
Int. List No.	CAURE OF DEATH, RACE, AND SEX	Total. deaths	Under 1 year	l year	2 years	3 years	years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	VII Diseases of the circulatory system - Continued										
	Biseases of the heart (all forms)-Continued	045.050	7.0	07	14	10	10	97	52	66	120
93	Diseases of the myocardium	246,250 118,099	36 14	27 8	6	6	5	39	27	33	62
	Female	104,465 11,941	16 3	12 3	3 4	2	3 1	36 12	16	20 7	33 12
	MegroMale Female	11,199	2	4	1	-	1	8	5	6	11
	OtherMale Female	415 131	1	-	]	ī		1		] - :	2 -
934	Acute myocarditia (except rheumatic)	2,895	36	7	5	4 2	3 3	55 24	9 2	8 3	16 9
	WhiteMale Female	1,311 1,073	14 16	2 5	3	1	-	23	5	3	2
	NegroMale	248 258	3 2	-	ī	1	-	4 3	2 -	2	3 2
	Female OtherMale	4	i i	-	-	-	-	ī	-	-	:
9 <b>3</b> b	Myocarditis(unspecified, under 45 years)	1 259	-	5	2	] -	- 8	9	3	8	16
335	WhiteMale	103	- !	2	! :	-	-   1	2	1 1	5	6 5
	Female NegroMale	65 40	] -	1	2	-	ī	4	-	1 -	2
	FemaleOtherMale	48 2	_	1	:	] -	] []	1 -	1	1 -	î
	Female	1	-	-	-	-	-	1	4	10	19
93c	Chronic rheumatic myocarditis, etc.*	1,265 527	:	1 -	:	]			2	2	13
	Female	646	-	- 1	-		[ [	ī	2	7	4
	NegroMale Female	50 41	] [	-	] -	-	-	- 1	} -	1	1 1
	Other	1 -	1	=	1 -		-	_		:	1 -
934	Other chronic myocarditis, etc.*	227,042	-	9	4	3	3	19 8	25 15	25 14	53 26
	WhiteMale Female	108,945 97,151	:	3 4	2	2	1	7	7	3	19
	NegroMale	10,482	-	1	1 -	-	ī	2 2	1 2	4 4	5
	Femnle OtherMale	9,971 375	] -	1 -	-	] [	-	-	-	-	<u> </u>
	Female	118	<u> </u>	5	3	3	2	13	l ii	15	16
93e	Other myccarditis (unspecified)	14,789 7,213	-	1	1	2	1	5	7	9	8 3
	Female Wegro	5,530 1,121		2	1 1	] -	1 -	1	1	1	2
	Female	881	-	s	] -	] -	] []	2	]] 2	] -	3 -
	OtherHale Female	33 11	_	] :	-	ī	-	1	{  -	-	- 1
94	Diseases of coronary arteries, angina pectoris	160,520	21 6	3	2	1 1	3	31 10	13 6	22 10	79 35
	WhiteMale Female	109,582 43,025	7	2	-	1		10	6	10	18 11
	Wegro	4,570 3,078	6 2	1 -	1 -	:	1 -	9 2	-	i	14
	OtherMale	557	_	-	-	1 :	-	:	:	:	1 -
040	Diseases of coronary exteries	157,833	21	2		ľ	4	30	13	22	73 33
94a	WhiteMale	107,880 42,290	6 7	2	) 1	ī	3	10	6	10	18
	Female	4,427	6	-	1		1	8 2	1	1	10 12
	Female Other	2,974 219	2 -	:	] -	] -	-	-	-	] =	1 -
	Female	43	-	1 1	l -	-			:	1 :	6
9470	Angina pectoris	2,687 1,702	] -	-	-	-	-	]	∥ -	-	2
	Female Negro Male	735 143	_	i	1 -	] [		1	-	-	i
	Female	104	-	-	-	-	-	-	:	! :	2 1
	OtherMale	1	)) :	] -	1 -	1 -	- 1	- 1	)) -	-	1 -1
95	Other diseases of heart	33,584 17,129	50 22	46 15	28			180 62	161 53		330 148
	WhiteNale Female	11,690	13	22	9	14	12	70 21	59 23	85 29	·112
	Negro	2,579 2,070	8					25	25	41	34
	Other	78	-	-	1	1 -	ī	1 1	1 -	2	2 2
95a	Functional diseases of heart, etc.*	38 1,039	11			2	-	16 11	1 1	2	3 2
	WhiteMele	498 457	8 3	1				5	]] -	l î	i i
	Negro	37	-	-	·] -	-	-	-	1) :		1 :1
	Female OtherMale	46	-				-	-	-	-	-
	Female	1 427	:	3			18	34	117	210	246
956	Other diseases of heart (rheumatic)	7,425 3,315	} -	.  1	.  1	. 1	. 3	6			111
		3,360 322	] 1	1 3		6	7 2	15 3	17	26	21
	Female-	406	-	-	.  2	2	5	9	19	32	28
	Other	10	-	-			ī	ī			] 2]
95c	Other diseases of heart (not rhoumatic)	25,122	36					1,30 45		. 15	
	White	13,318 7,873	9	23	. 6	1 7	5	50	16	15	25
	Nogro	2,220 1,618						18 16		;  8	6
	Femalo Other	6B	-	·} -	.  1		1	i			2
	Female-	25	-	1 .	·  ·	1 .	Ί -	-	11	] .	
96	Aneurysm (except of heart and aorta)	2,613	-	3	· ·	-	: :	1		i 8 . 2	12
	White Hole	1,589 777	11 -	] ;				i	3		6
	NegroMale	135 97	-		- (	: :	: :	} =		:\	2
	Pemale OtherMale	10				-  -		-	11 .	: :	:l <u>:</u> l
	Female-	. 5	11 -	-1 .	-1 -		-, -			, -	

RACE, AND SEX: UNITED STATES, 1948-Continued

20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79	80 to 84 years	85 to 89	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
		-												June	3-02-0	3,52		10.
191 83 48 24	334 133 86 49	664 222 183 116	1,528 620 357 259	3,161 1,315 773 481	6,096 2,706 1,586 839	11,192 5,616 2,858 1,409	16,528 8,749 4,898 1,580	24,110 13,203 7,793 1,641	32,132 16,867 11,982 1,685	39,415 19,521 17,105 1,440	41,785 19,710 19,919 1,103	35,756 15,968 18,415 656	22,756 9,460 12,483 355	8,163 3,064 4,731 148	1,697 580 966 68	272 58 126 32	155 65 51 21	93
32 2 2 18 8	63 2 1 45 17	138 3 2 42 9	286 2 2 84 29	581 10 1 87 38	939 18 8 149 70	1,275 29 5 202 84	1,259 32 10 198 87	1,402 63 8 284 136	1,523 60 15 319 144	1,276 58 15 366 190	982 54 17- 869 194	666 35 18 339	401 30 7 203 87	201 9 10 60	74 4 5 17	52 1 3 4	17 - 1 1	93a.
3 1	8 12	16 6 10 1	21 17 17	25 9 15	32 22 25	47 40 31	57 31 23	78 34 35	126 22 27	132 19 24	155 10 10	139 160 9 11	105 7 4	30 46 1 3	10 6 - 1	1 2 -	1	
13 3 4	26 8 6	41 13 6 9	51 20 18 7	92 45 21 12	:::	•••		:::	-					:::	:::	- 	:::	93%
5 1 - 19	6 - - 24	12 - 1 38	6 - - 46	14 - 62		137	132	116	155	161	123	69	49		  2	  	  2	<b>9</b> 3c
11 5 3 -	13 8 2 1	11 21 4 2	20 18 5 3	29 27 4 2	32 44 7 3	61 62 7 7	60 68 1 3	55 54 4 3	67 81 3 4	59 98 3 , 1	50 66 4 3	26 39 - 4	14 35 1. 1	8 - 1	1	- - 1	1 1 -	
113 51 28	206 85 56	478 166 127	1,209 489 274	2,719 1,117 656	5,293 2,343 1,385	10,029 5,070 2,560	15,093 8,018 4,510	22,188 12,167 7,247	29,793 15,673 11,188	35,795 18,206 16,070	39,074 18,405 18,707	33,380 14,892 17,236	21,129 8,752 11,670	7,510 2,811 4,368	1,530 525 876	242 52 113	139 60 44	93d
13 19 - 2 28	25 37 2 1 33	82 100 2 1 65	204 238 2 2 139	416 520 9 1 201	705 837 16 7 568	1,235 1,135 24 5 824	1,401 1,126 30 8 1,105	1,451 1,255 60 8 1,522	1,487 1,377 53 15	1,298 1,153 54 14	1,009 889 52 12	595 606 33 18	312 361 28 6	. 131 185 7 10	59 63 2 5	29 45 1 2	18 16 -	<b>0.</b>
10 7 6 5	10 8 8 7	23 13 15 14	62 26 26 24	86 44 40 30	261 125 105 74	401 189 127 102	584 263 147 107	1,322 845 414 152 109	1,865 983 587 173 115	2,093 1,066 805 120 98	2,219 1,061 991 80	1,968 909 960 52 45	1,355 607 675 35 35	564 223 309 16 14	148 44 84 8	25 5 12 3 4	13 4 5 3	93e
164 81 40	368 211 71	909 586 149	2,413 1,772 319	5,365 4,110 677	9,252 7,200	14,807 11,537	2 19,539 14,981	22,753 16,618	24,413 16,769	22,933 14,662	2 5 18,688 11,033	11,201 6,149	2 5,566 2,882	2 1,557 729 779	2 294 131	- 1 SS 15 17	98 55 18	94
19 25	36 50	88 85	167 152 3	.329 234 12 3	1,220 511 309 11	2,194 674 377 21	3,435 674 419 25 5	5,032 635 437 46 5	6,697 539 366 37 5	7,636 379 224 24 8	7,176 277 179 20 3	4,812 109 118 12 2	2,567 52 56 4 5	27 19 · 2	142 9 10 1	10 12 1	15 9. 1	
161 80 39 18	361 207 71 36 47	890 579 146 64 80	2,367 1,746 314 159 145	5,268 4,040 666 319 228	9,126 7,108 1,208 497 301	14,614 11,405 2,170 650 364	19,255 14,785 3,379 652 409	22,407 16,383 4,953 620 401	23,994 16,496 6,579 524 353	22,489 14,386 7,486 365 220	18,340 10,820 7,060 268 169	11,006 6,035 4,735 106 117	5,450 2,833 2,505 49 54	1,531 721 761 27 19	290 130 140 9	52 14 16 10	94 53 18 14 8	9 <b>4a</b> .
24 - - 3 '1	- - 7	1 19 7	3 - 46 26	12 3 97 70	11 1 126 92	21 4 193 132	25 5 284 196	46 4 346 235	37 5 419 273	24 8 444 276	20 3 348 213	11 2 195 114	4 5 116 49	2 1 26	1 4 1	1 3	1 - 4 2	945
. 1	- - 3 -	3 4 5	5 8 7 -	11 10 6 -	12 14 8 -	24 24 13	56 22 10 -	79 15 16 -	118 15 13	150 14 4	316 9 10	77 2 1 . 1	62 3 -	18 - - -	2 1	1	1	
410 176 136 41	583 239 221 49	786 334 288 70	1,141 488 414 99	1,597 734 491 208	2,051 974 585 256	2,593 1,341 718 512 211	3,000 1,734 775 290	3,554 2,015 1,047 265	3,869 2,187 1,195 266	3,900 2,116 1,390 219	3,740 1,911 1,535 172	2,909 1,427 1,294 114	1,758 795 858 47	610 235 325 20	129 59 73	39 5 13 12	28 17 6 4	95
56 1 11	69 2 3 8	91 3 15	136	160 1 3 32	206 6 4 45	6 5 56	194 7 64	198 4 5 100	204 12 5 139 67	166 8 1 150 77	108 13 1 140	59 2 115	34 3 1 81	28 2 - 33	7	1	1	95a
6. 4 1	3 5 - -	6 5 1 3	8 2 4	13 11 4	26 14 2 3	35 17 3 2	29 30 3 3 -	58 31 3 8	62 4 6	65 3 5	65 71 3 5	48 60 3 4	38 41 2	10 21 2	2 4 1	1		
282 125 107	407 171 173	478 213 212	642 265 309	760 339 339	795 353 355	1 777 364 359	692 335 315	637 306 301	500 241 233	358 166 175	257 112 138	136 57 72	71 23 43	7 15 6 9	5 5 5	1	1	95b
17 32 - 1 117	27 33 3 168	23 29 1 293	20 47 1 -	37 44 1	41 43 1 2 1,191	26 25 2 2 1,760	18 22 2 2 - 2,244	16 13 1 2,817	11 13 1 1 3,230	11 6 - 5,392	3,343	2 5 - 2,658	2 3 - 1,586	562	117	37	27	95c
45 25 23 24	65 43 22 36 2	115 71 46 59	219 97 77 85	362 141 167 112	595 216 213 160	944 342 293 184	1,371 430 269 169	1,651 715 266 177	1,879 900 251 185	1,873 1,150 205 155	1,736 1,326 165 102	1,322 1,162 109 60	734 774 43 31	219 295 18 28	37 64 9 7	5 11 12 8	17 5 4	
- - 40	- 58	2 84	113	3 149	5 2 187	216	282	329 233	11 4 360 245	8 1 336 239	13   1   224   138	. 3 2 129 71	3 1 57 34	2 - 12 6	- - 3 2	- 1 -	1 1	96
.18 17 2 3	26 23 4 4 -	59 51 9 5	43 48 11 11	76 48 11 13	95 61 19 11	116 64 18 14 1	191 62 18 8	255 71 15 9	93 10 9 3	83 10 2 2	136 4 2 -	53	20 - 2 1	6	1	-	-	

### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	VII.—Diseases of the circulatory eystem—Continued										
97	Arteriosclerosis (except coronary or renal sclerosis)	25,629	-	_	-	-	-		-	_	1
	White	12,266 11,542		-	-	_	_	-	-	-	-
	Wegro	944 826		-	-	_	-	-	-	-	ī
	OtherMale Female	35 16	_	-		-	-	-	-	-	
98	GangreneMale	348 143	1	1	1	2 1		8 4	1 -	-	1 -
	Female HegroMale	131 <b>4</b> 5	1 -	_	-	-	-	1 -		-	_ [
	Female OtherMale	23 5	1	_	_	i i	-	1 2	1 -	-	1 -
99	Femalo Other diseases of arteries	1 2,055	21.	2	-	_	-	23	_	-	u l
	WhiteMale Pemale	1,069 825	11 7	1	-	_	-	12 8	-	-	3 4
	Nogro	79 79	2	Ξ.	] [		-	1 2		_	3
	OtherMale Female	3 -	-	-	-		-		_	-	_
100	Diseases of veins	1,420 638	2	1 -	-	1 -	1 -	7 2	3 -	3	4 2
	Female	6 <del>44</del> 72	2 -	1 -		1 -	ī	4 1	2	2 -	1 -
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101	Diseases of lymphatic system	1 49	- 5	3	ī	-	ī	1.0	5	-	ī
	White	21 21	2 2	1	- 1	_	ī	3 5	1 2	-	ī
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	OtherMale Female	1 ~	-	_		-	-	-	1 -	-	-
102	High blood pressure (idiopathic)	1,936 669	-	-		-	-	- 1	1	1	4 1
	Female NegroMale	747 219	-	-	-	-	- 1	-	-	ī	3
	Female OtherMale	291	-	-	-	-	-	-	-	-	-
103	Other diseases of circulatory system	3 197	- 2	ī	-	ĩ	-	- 4	ī	- 1	- 4
	WhiteMale Female	.84 55	ĩ	-	] -	- 1	-	1	ī	-	2 2
	Negro	35 20	ī	-	]	]	- I	i	]	-	
	OtherMale Female	2	=	1		]	-	ī	-		=
	VIIIDiseases of the respiratory system	65,929	13,217	1,886	669	390	258	16,420	627	382	51.4
	WhiteMale	32,412	5,491	815	282	174	109	6,871	274	1.52	224
	Female NegroMale	22,689 5,597	4,286 1,720	626 198	241 69	130 40	79 29	5,362 2,056	216 65	151 34	1,50 59
	Female OtherMale	4,381 372	1,422 154	198 23	61 5	36 9	37 3	1,756 194	60 7	40 1	76 1
	Female	278	144	26	9	1	1	181	5	4	4
104	Diseases of masal fossae, accessory simuses	451 170	195 57	25 11	9	6 4	2	237 80	6 3	13	16 10
	Female NegroMale	125 77	41 46	5 7	5 -	ī	-	49 54	1 -	. 5 5	1 3
	Fenale OtherMale	70 5	47 2	1 -		ī	-	48 3	2 -	3	2
105	Female Diseases of larynx	3 245	2 69	1 34	13	1.9	- 8	3 143	15	2	- 3
	WhiteMale Female	117 93	35 26	18 12	7	11 6	3 4	74 52	9	- 2	1
	Negro	15 19	3 5	2 2	2	1	- 1	6 10	-	_	1 1
	Other	1		-	-	=	1 -	1	-	<u>-</u>	-
106	BronchitisWale	3,450 1,908	527 254	156 80	79 40	49 27	28 16	839 417	50 27	22	23 10
	Female Negro	1,205 181	157 59	57 9	32 3	17 4	10 1	273 76	17	11	10
	Female OtherMale	135 9	47	8	4	i	î	61	2	-	2
107	Female Bronchopneumonia (including capillary bronchitis)	12 27,722	7 7 <b>,9</b> 67	965	323	172	116	8 9,543	268	152	156
	WhiteMale	12,954 10,323	3,303 2,533	413 316	133 113	79 50	53 28	3,981 3,040	127 97	56 50	76 46
	Negro	2,181 1,933	1,053	92 116	36 31	22 16	16 17	1,219 1,065	21 18	12 11	13 20
	Other Pemale Pemale	190 151	94 99	15 13	4 8	5	1 1	119	3 2	1 2	ī
108	Lobar pneumonia	18,028 8,979	2,127 626	362 131	120 45	60 25	44 16	2,713	158 58	115. 48	161
	Penale NegroMale	5,679 1,922	744 284	116 116 57	44 16	21,	15 15 2	1,045 940 363	50 50 24	41	54 46
	Pemale	1,289	229	48	13	7	10	307	22	11 14	24 35
109	Female	92 67	24 20	2 8	ž	1	1 -	29 31	3	i	1
102	Proumonia (unspecified)Male	5,675 2,617	1,669 600	240 111	86 35	46 18	88 28	2,289 970	65 27	54 15	66 31
	Female NegroMale	1,961 574	621 246	83 25	28 9	16 6	8 7	756 291	19 8	28 4	22 9
	Female OtherNale	438 54	178 28	16 4	12	5 1	7 -	218 34	9 2	5	4
	Female	31	16	3	i	! <u>-</u>	l	20	11 -	l ī	1 <u>-</u> 1

RACE, AND SEX: UNITED STATES, 1948-Continued

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248 227 784 3 4 9 5 1 1 2 7 3 3 3 1 5 1 1 1 1 3 1 3 1 5 1 1 1 1 2 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1	235 272 109 11 4 13 8 1 1 2 2 1 1 1 1 1 2 2 1 1 2 1 2 1 2 1	349 324 140 125 4 9 11 4 7 7 4 24 24 25 85 83 27 28 115 92 74 11 15 11 15 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	587 585 227 185 7 2 11 3 5 10 4 4 3 5 10 4 4 3 5 13 149 113 149 101 113 114 115 116 117 117 118 119 119 119 119 119 119 119	900 461 312 9 6 2 1 9 6 2 1 1 9 6 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4	2,378  1,258 503 350 241 19 7 10 4 2 2 1 1 1 - 7 3 14 68 29 10 7 - 575 129 575 69 52 926 495 169 169 169 182	2,939  1,663 6547 215 12 8 8 14 7 5 1 1 - 9 2 6 6 - 1 1.08 32 57 1.01 383 182 57 3 183 182 57 1,11 625 183 99 4 2 161 83	3,765  2,322 8337 230 12 1 16 8 8 2 12 2 8 8 2 2 1996 545 274 678 78 772 277 177 217 177 217 177 217 177 217	4,390  2,729 1,078 329 2355 16 5 6 6 7 10 5 5 5 7 11 1,298 749 3502 204 71 1,298 83 4 2 1,451 1,451 10 89 89 82 273 158	5,078  2,914 1,551 352 219 26 6 15 6 3 1 1 307 200 90 8 8 1 1 1,650 903 5555 109 487 147 92 9 9 311 153	2,122 2,141 2,141 191 191 191 193 3 2 1 5 3 2 1,25 1,225 1,225 1,225 1,225 1,735 1,7	5,208 2,548 205 142 14 7 5 1 1 4 - - - 1 1 1 1 2,751 1 2,751 1 2,751 1,441 1,171 81 1,21 1,21 1,21 1,21 1,21 1,21 1,21	5,551  2,637 2,637 2,637 107 15 7 6 2 3 1 1 1 1 2,659 4 1,283 1,283 1,289 4 1,482 1,482 1,482 30 30 3 2 391 200	3,996  1,769 2,094 59 6 4 10 3 7 7 2 2 11 1 197 92 96 4 .2 2,084 903 1,129 27 4 18 886 396 482 19 262 127	1,774  735 984 29 39 34 11 5 6 6 1 1 - 93 48 44 1 2 - 942 375 52 169 6 5 - 121 62	160 284 19 22 1 1 1 - - 17 6 8 8 2 1 17 6 8 8 2 15 5 10 - - 256 88 155 10 - - 256 88 155 7 1 - 27 1 1 29 1 29 1 29 1 29 1 29 1 29 1 29	32 40 10 24 3 3 4 1 1 3 3 7 1 5 8 9 20 20 20 20 20 20 20 20 20 20 20 20 20	54 25 11 9 9 10 -1 1 1 1 1 1 22 8 5 5 5 4 4 3 2 2 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 1	106 107
248 227 78 4 9 5 1 1 2 - 7 30 13 15 1 1 1 1 2 - 7 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1	235 272 109 11 4 13 8 1 1 2 2 1 1 1 1 1 1 2 1 2 1 1 2 1 2 1	349 324 140 125 4 9 11 4 7 7 4 4 2 1 1 2 36 2 4 1 2 36 2 37 4 1 1 2 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3	587 385 221 185 7 2 11 3 5 10 4 3 5 5 5 28 19 5 5 10 20 11 5 10 10 10 10 10 10 10 10 10 10	900 461 319 212 9 6 2 1 9 6 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	2,378  1,288 503 350 241 19 7 10 4 2 2 1 1 1 7 7 3	2,939  1,663 654 215 12 8  14 7 5 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	3,765  2,322 853 567 230 11 16 8 8 8 12 2 8 8 8 12 15 16 8 8 8 8 12 16 16 8 8 8 8 10 17 18 18 18 18 18 18 18 18 18 18 18 18 18	4,390 2,729 1,078 329 255 16 5 6 6 7 10 5 7 10 1,298 1,491 359 102 83 4 2 1,451 307 150 89 8 8 2 2 275	5,078  2,914 1,551 352 219 26 6 15 6 3 1 1 307 200 90 8 8 1 1 1,650 903 555 108 76 11,676 901 147 902 905 311	3,122 2,141 283 191 191 193 3 3 2 1 5 5 3 2 1 125 7 6 1 2,182 1,125 7 7 85 1,793 115 15 17,793 115 17,793 116 17,793 116 116 117 117 117 117 117 117 117 117	5,208 2,548 205 142 14 -7 5 1 4 1 1 1 2,751 1,171 81 2,751 1,171 81 2,751 1,171 81 81 82 4 2 1,855 751 72 5390	5,551 2,637 2,637 133 107 15 7 6 2 2 5 1 1 1 1 2,659 1,255 1	3,996  1,769 2,094 64 59 6 4 10 37 7 2 11 11 197 92 2,084 903 1,120 29 27 4 11 886 396 492 19 22 19	1,774  735 984 29 59 3 4 11 5 6	160 284 19 22 1 1 1 - 1 1 - 1 1 6 8 8 8 153 5 10 - - - - - - - - - - - - - - - - - -	32 40 10 24 3 - - - - - - - - - - - - - - - - - -	54 25 11 9 9 10 -1 	106 107 108

TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

-		<del></del>							SECTION OF		
Int. List No.	CAUER OF DEATH, NACE, AND NEX	Total deaths	Under l year	1 year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	VIIIDiseases of the respiratory										
	System—Continued										
109A	Preumonia (unspecified)—Continued Atypical or virus pneumonia————————————————————————————————————	1,160	247	61	20	7	7	342	16	15	31
	WhiteMale Female	576 456	114	29 29	6 7	3 4	3 2	155 143	6	7 7	13 10
	Negro	71 51	16 12	2	2 5	-	1 1	23 19	1 3	1 -	7 1
	OtherMale	5	2	-	- 1	-	-	2	<u> </u>	] [	- 1
109B	Female Pneumonia (all other, unspecified)	4,515	1,642	179	66	39	21	1,947	49	39	35
	WhiteMale Female	2,041 1,505	686 520	62 54	29 21	15 12	3 6	615 613	21 13	9 21	18 12
	NegroNe.ls Female	503 387	228 166	21 15	7 7	6 5	6 6	268 199	7 6	3 5	2 3
	OtherMale Female	49 30	26 16	4 3	1	1	-	32 20	2	- 1	-
110	Pleurisy (not tuberculous)	1,108	103	12	3	7	2	127	11.	4	23
	WhiteMale Female	589 342	55 31	3 6	2 1	4 2	- 2	64 42	3 6	1 3	7 9
	NegroMale	105	7	1	-	-	-	В .	1	-	8
	Female OtherMale	63 5	8 2	2 -	_	1 -	-	11 2	1 -	-	5 -
111	Female Hemorrhagic infarction, thrombosis, edema*	4,114	102	- 21	- 7	-	- 8	145	14	15	53.
	WhiteMale Female	1,871	49 38	12 6	1 5	2 5	3 4	67	4. 7	8	21
	NegroMale	204	8	-	1	-	1	58 10	1	5	6
	Female Other	211 11	7 -	2 1	-	-	- 1	9 1	1	2 -	4 -
	Female	5	-	-	-	-	-	-	-	-	1
112	Asthme	2,627	35	23	15	12	15	100	25	12	13
	WhiteMale Female	1,465 850	18	9 10	6 6	8	5 6	40 39	12	5	5 6
	NegroMale Female	152 139	2	5 1	1 2	4	2 2	11	2	2 1	3 1
	Other	8	_	· -	-	-		-	-	-	- -
113	Pulmonary emphysema	449	33	1	2	-	1	37	-	1	2
	White	339 77	14 11	-	1	-	1 -	16 12	-	1	1
	Negro	22 8	2 5	1 -		_		3 5			
	OtherMale Female	3 -	1 1	-	-	-	_ [	1	_ :	-	_ [
114	Other diseases of respiratory system (except	i				l				}	į
	tuberculosis)	2,060 1,403	170 80	47 27	12 6	12	6 4	247 119	15 4	12 4	10 10
	Fcmale NegroMale	420 154	73 8	15 3	4 2	7 2	2 -	101 15	6	2 2	3 2
	Female	76 3	9	2	-	1	-	12	ì	4	2
	OtherMale Female	4		-	Ξ.	-	_ [	] [	] -	-	ī
114a,b	Silicosis, other forms of pneumoconioses	627	_	_	_	-	_	-	_	_	_
	White	607 5		-	-	-	-	-		-	-
	NegroMale Female	14 1	<u>-</u>	_	-	-			_	-	-
	OtherMale	- 1	]	-		-	-	1 - 1	-	-	-
	Female	-	_	-	-	-	-	-	-	-	-
114c-e	Other diseases of respiratory system (except tuberculosis)	1,433	170	47	12	12	6	24.7	15	12	19
	White	796 415	80 73	27 15	6 4	2	4 2	11.9 101	<b>4</b> 6	4 2	10 3
	NegroMala	140	8	3	2	2	-	1.5	4	2	2
	Female OtherMale	75 3	9 -	2 -	_	1 -	-	12	1 -	4 -	2
	Female	4	-	-	-	-	-	-	-	- 1	1
	IXDiseases of the digestive system	63,319	7,284	903	366	290	218	9,061	615	409	519
	WhiteMale	33,755	3,316	368	176	135	93	4,108	283	197	236
	Female NegroMalc	22,688 3,588	2,583 712	362 68	119 35	108 23	86 20	3,258 858	221 50	141 35	183 49
	Female OtherMale	2,802 314	487 120	49 18	25 9	20	17	596 149	53 8	32 1	48 1
	Female	172	66	1.9	4		1	92	-	3	2
115	Diseases of buccal cavity and adnexa, etc.*	1,310	135	61	67	66	59	388	186	67	52
	WhiteMale Penale	563 507	62 44	24 29	40 20	30 25	27 26	183	86 67	25 31	20 18
	Negro	118 112	14 14	5 2	4 3	5 4	4 2	32 25	11 21	5 6	8 6
	Other	6	1	1	-	i 1	-	1 5	1	· -	-
3.16	Diseases of esophagus	285	5	4	5	3	1	15	2	1	5
	WhiteMale Female	145 103	ī	3	1 -	ā	-	1 6	1	1 -	2 1
	Negro	24 13	1 -	1 -	2 2	- 1.	1 -	5 3	-	-	-
	OtherMale	- 1	-	-	-	-	-	-	-	-	-
	Female	-	<u>-</u>	_	-	-	-		-	-	-
117	Ulcer of stomach or duodenum	8,706 6,618	42 23	1 2	1	2	1 1	4-8 27	4 2	6 1	10 j
	Wemale	1,409 468	13	ī	=	1	-	15	ī	2	3 1
	Female	167	2	-	-	-	-	2	ī	2	1
	Other	40 6	[ ]	-	-		-	l īi		- 1	[ ]

<sup>\*</sup>Refer to International List for complete title, table IX.

RACE, AND SEX: UNITED STATES, 1948-Continued

Gentus s				<u> </u>														
20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 Fears	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
14 3 10	18 5 7	24 8 8	37 18 14	41 21 14	59 30 15	46 22 18	65 46 13	72 50 18	81 46 32	89 42 44	80 34 41	69 41 27	40 18 21	13 8 5	5 3 2	3 -	-	Aeor
i	4	1 7	1	3 3 -	8 5 -	- 2 -	4 2 -	3 1 -	2   -   2	3 - -	3 2 -	1 -	] - -	=	=	1	-	
39 13 15	41 11 16	57 23 15	01 28 22	1.10 49 22	1 124 52 22	115 61 28	149 74 32	201 108 51	230 107 77	297 157 106	310 165 124	382 159 145	222 109 103	108 54 45	32 6 21	3 1 1	- 4 1	1095
8	10 4	7 10 1	20	26 11 2	30 17 3	21 5 -	20 22 1	19 21 2	27 16 3	18 14 - 2	10 9 - 2	11 4 2 1	4 4 1 1	3 5 -	2 -	1	1 1	
22 10 5	31 11 11	37 16 10	50 24 14	63 30 18	84 43 25	99 50 21	103 64 25	107 74 21	95 59 27	86 53 29	77 37 33	51. 25 23	26 13 13	10 3 7	1	=	1.	110
4 2 - 1	5 4	8 3 -	7 4 - 1	11 3 - 1	8 8 -	18 9 1	10 4	7 5 -	5 2 2	3 1 -	6	2 -	-	-	-	-	1	
52 24 17	46 13 14	86 28 37	104 40 37	136 48 44	127 52 43	188 95 57	277 148 95	266 146 98	383 188 157	483 238 205	461. 220 209	520 21 <u>4</u> 283	427 187 233	256 99 152	79 24 51	12 5 5	- 4 2 1	1111
5	7 12 -	13	13 14 -	22 21 - 1	16 16 -	16 - -	14 18 2	11 10 1	23 14 1	17 20 3	20 12 -	7 14 2	5 -	3 1 -	3 1 -	5	1 1	
35 8 23	51 10 32	64 14 31	89 23 37	122 47 47	185 98 55	235 123 78	508 216 63	355 223 98	359 239 94	270 178 75	184 110 66	135 74 56	63 34 27	13 5 7	5 2 3	2 - 1	2 2	112
1 3	5	5 12 1	16 12 1	16 12 -	15 15 2	17 16 1	15 15 1	12 12	17 8 1	10 6 1	4 -	3 1 -	1 -	1 - -	=	1	- -	
3 1 2	-	1 5 2 2	8 4 1	10 8 2	22 17 2	42 29 8	65 59 3	1 74 63 8	62 53 7	51 40 10	34 25 7	1 17 13 3	9 5 4	- 6 2 4	1	-	- -	113
- -	- - -	i	2 1 -	- - -	3 -	5 - -	3 - -	2	1	1 - -	2 -	- - 1	- - -	-	-	-		
- 31 15	37 14	50 16	80 42	111 64	145 101	206 148	272 224	250 207	219 177	160 120	107 85	55 37	30 9	9 6	- -4 -	- -	2	114
7 4 4	11 9 3	20 5 9	21 13 4	22 22 3 -	12 19 13 -	31 20 4 2	27 16 5	38 5 3	29 10 3 -	35 3 1 1	20 1 -	13 3 2 -	20	- - -	2 1 1	-	-	
1 -	2	1	- 12	- 25	 37	1 78	- 131	118	97	- 75	- 36	13	- 2	-	-	-	1 -	114a,b
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31. 15 7	35 12 11 9	49 16 19	69 32 20 12	86 40 21 22	108 66 11 18	128 73 31 17	141 98 27	132 89 35	122 83 29	65 48 34	71 49 20	42 24 13	28 7 20	9 6 3	4 - 2	- [ -	2 1 -	114c-e
	3 -	9	4 - -	3	13	4 2 1	5 -	310,11	3 -	1	î	2	1 -	-		=	- - 1	
658 254	905	1,390 637	2,280 1,066	3,451 1,838	4,305 2,456	5,468 3,155	6,171 3,713	6,456 3,877	6,297 3,634	5,718 3,155	4,592 2,398	2,939 1,489	1,506 695	434 154	93 32	17 2	35 22	
247 64 86 6	351 105 91 3	489 112 142	786 210 205 8	1,081 243 273 11	1,249 312 269 8	1,679 361 249	1,916 322 198 16	2,088 278 177	2,261 213 156 25	2,276 164 100 15	2,020 106 60	1,352 63 28	768 19 19 3	259 11 9	50 5 6	9 3 3	4 5 2 2	
1 53	1 47	43	S 56	5 41	11 46	17 7 43	6 40	29 7 48	8 45	8 42	3 5 37	3 33	22	1 - 14	4	1	- [ - z	115
19 24 5 4	16 20 9 2	15 16 5 6	17 23 5 11	19 9 7 5	17 11 12 6	19 17 3 3	19 16 2 3	20 19 5 3	20 21 1 3	20 15 2 5	21 12 2 2	13 18 1 1	7 15 -	5 B 1	2 -	- 1 -	2	
1 7 1	- - 3	1 - 1	- 7 2	1 - 14	- 14 6	. 1 14 7	- 22 14	1 31 21	33 16	- 34 16	- 36 21	- 31 20	- 12 7	- - 4	1	- - -	-	116
5 1	1 - -	1 - -	- 4. 1	6 4 1 3	5 3 -	3 3 1	7 1	7 3 -	13 2 2	16 2 -	. 14 . 1	- -	5 - -	1 3 -	ī	-	-	
41	- - 98	- 160	301	- - 487	724	- - 993	1,131	1,241	- - 1,191	- - 975	- - 665	- - 391	- - 173	56	- - 8	1	4	117
25 4 11 1	61 15 19 3	119 17 19 4	200 : 48 39	341 72 49	556 79 66 21	784 106 73 26	927 125 52 24	1,012 155 48 12	933 195 38 18	732 202 25	479 167 16 2	285 100 3 1	97 69 4 3	24 32 -	4 2 1	î - -	. 8	
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### VITAL STATISTICS OF THE UNITED STATES

#### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

				<del></del>	<del></del>	<del></del>				<del></del>		the and of
Marc of tension is nonlinear-decisional programmer   10   1   1   1   1   1   1   1   1		CAUSE OF DEATH, RACE, AND SEX										
Marc of tension is nonlinear-decisional programmer   10   1   1   1   1   1   1   1   1		IX.—Diseases of the digestive system—Con.										
Marco of decisions   Marco	117a	Ulcer of stomach or duodenum—Continued	5,297	29	,	_	2	, ,	7.7			,
March   Marc		WhiteMale	3,939	16	1	1	1	1	19	1	-	3
13.70		NegroMale	546	3	-			-			l l	
13   13   14   15   15   15   15   15   15   15						1						
Matter	117b		5		-	· -	-		1	-	-	- }
Margan   Sale		WhiteMale	2,679	7	! -	1	-	-	a	1	1	2
112   Other Attension of stomach (convers values)   113   11   1   1   1   1   1   1   1		NegroMale	122	-	-	-	L I	]			-	
Table   Tabl				ŧ		1				1		1
Mile		Female	1	-	-	-	-	- 1	-	-		
Temple	118											
Discribes, cateritis, etc.,* (sparse parts)   150   15   1   1   1   1   1   1   1   1		Female	309	34	7	6	3	- 1	50	1	3	3
139   Distriction, entertials, otts, (under 2 years)   150		Female		15								
Discribes, entertics, etc.   Comber   System				2				-1	2	-	-	1
Number   Parallele   Paralle	119	Diarrhea, enteritis, etc.* (under 2 years)	6,903						6,908		•••	• • •
Number   Section   Color   S		Female	2,501	2,269	232				2,501			
120												
Discretion   Solidary   Solidar												
Peaslor   Section   Sect	120	Diarrhea, enteritis, etc.* (2 years and over)	1,923		•••	128	88	42	258	78	35	37
Penning		Female	838	1		358		16	90		19	16
121   Appendicition												
### Appendiction			14			7	- 1	1	8	2		-
Penale	121	Appendicitis	4,171	26	40	60	61	48	235	186		212
Pearly   P		Female	1,396	9	16	23	20	20	88		.55	72
			12		_	1			1		) - }	- 1
Personal	122	Hernia and intestinal obstruction	10,099			37			651		46	69
Penale		Female	4,260	147	26			7				
122a												
Magro			30.	7	-	=		-	7	1	1	-
Negro	122a	Hernia	4,321		20			5	36	10	5	13
Negro			2,243 1,651	-		-						
122b				:								
Intestinal continues			1,2	-		-			-		-	-
Femalo-	122b	Intestinal obstruction	5,778			30	22		615	61	41	56
Negro		Female										
Other diseases of intestines											2	1 ]
125   Other diseases of intestines		OtherMale	19	7	-	-		-	7	1	ı	-
No.   No.	123		i	1			- 6		1	1		- 1
Regro		WhiteMale	971	23	6	3	4	4	40	7	6	9
Other		NegroMale	103	7	~	~	- !	-	7		-	
124   Cirrhosis of liver					-						-	
White	124			27	- 15	- 6	7	- 4		14		
Regro			10,259	7	6	2	3	2	20	6	7	12
124a   Cirrhoeis of liver with mention of alcoholism   2,885   -		NegroMale	616	3		2	-	-	6	2	-	2
124a   Cirrhoels of liver with mention of alcoholism					-			-				
White	1240			~	-	1	-	-	1			-
Negro	TCME	WhiteMale	1,974	-	-	-	-	-		_		-
Female				-	-	-	-	-	-	-	-	:
Cirrhosis of liver vithout mention of alcoholism		Female	54	-	-	-	-	-		-		-
White	1044	Female-	4	-	_= !	- 1	-	-	- 1	-	-	-
Female	1,640	WhiteMale	8,285	7				2	20			
Temsle   370   4   -   -   1   -   5   1   -   5   5   1   -   5   5   1   -   5   5   5   5   5   5   5   5   5			4,403		8	1	3	2	27	4	10	55
125   Other diseases of liver		Female	370		-		1	-	5	1	-	5
White	105	Female	15		-		-	-	1	-	-	- 1
Female 789 14 7 5 2 4 32 9 6 18  Negro	125											
Female 136 1 2 - 1 - 4 - 4 7 Other		Female	789	14	7	5	2	4	32	9	6	18
		Female	136		2	- 1	1 ]	-	4	-		
				-	I	-	-		<u> </u>	] [		-

## GENERAL TABLES-DEATHS FROM EACH CAUSE

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths a	25 ta 29	30 to	35 to 39	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List
30 17 3 9	54 31 9 13	103 70 12 17 4	163 105 22 27 7	285 196 45 31,	429 319 43 45 20	594 443 72 61 16	688 557 71 40 19	726 583 91 32	741, 582 116 27	602 444 128 17	427 296 114 15	246 180 61 · 2	116 71 38 4	38 17 21	1 1		4 3 - -	117a
11 8 1 2 -	44 30 6 6	57 49 5 2	1 138 95 26 12 5	202 145 27 18 10	2 295 237 36 21 1	2 399 341 34 12 . 10	1 443 370 54 12 5	10 515 429 64 16 2	450 351 79 11 7	2 1 373- 288 74 6 - 2	238 183 53 1	145 1.05 39 1	57 26 31	18 7 11 -	422	1 1	1	1176
15 6 - 3 6	28 8 1 7 12	27 10 3 4 10	58 15 4 6 12	76 32 11 14 19	68 35 9 20 23	97 35 12 28 22	140 75 29 20 16	107 52 18 21 15	121 73 . 23 . 11 . 12	109 56 33 13 7	93 36 45 7 5	61. 27 28 5	45 18 24 - 3	22 11 9 - 2	2	1	1	118
		- ::: ::: :::	::															129
81 32 38 4 6	75 27 38 4 6	77 32 30 5 9	85 31 40 4 9	92 44 33 4 10	92 44 25 14 8	107 49 31 15 12	132 60 54 7 11	104 37 53 7 7	116 54 46 7 9	157 47 67 10 11	150 65 80 3 2	116 52 56 4 2 2	90 30 55 1 3	42 17 22 1 2	12 2 7 1 2	5 - 2 1 2	2 -	120
158 77 56 15 9	150 75 45 15 14	1 182 95 49 21 17	1 227 108 62 30 27	217 121 60 18 18	1 296 175 65 22 12 1	300 164 96 22 18	394 233 111 29 18	386 207 141 23 15	338 192 122 11 11	2 305 164 122 11 6 2	224 120 96 6 2	121 69 50 2 -	1 43 24 18 1	, 7 7 7 -	2 - 1 - 1		3 3 1 1 1 1	121
109 35 44 11 17	139 32 64 19 24	183 54 87 13 27 2	290 81 123 52 53	395 126 158 45 63	488 167 191 43 66	679 263 270 82 61 2	823 370 331 70 46 2	991 469 412 66 42 1	1,181 556 515 65 38	1,254 622 555 53 24	. 1,161 559 534 43 23 1	893 443 403 31 16	488 252 222 7 5	143 52 80 · 8 2 1	32 13 17 1 1	6 4 1 1	8 3 2 1	_123
12 4 6 2	.22 7 7 7 1:	34 21 7 .2 2	75 25 20 18 9	127 50 47 20 10	174 86 50 20 18	313 137 125 35 14	384 192 142 29 17 1	501 239 216 36 9	601 312 246 32 . 7 2	638 340 270 24 4	610 343 237 24 5	452 263 165 19 5	237 149 81 4 1 2	57 31 19 6 -	15 10 4 - .1	3 1 1 1	1 1 1	122e
96 31 38 9 17 1	117 25 57 12 23	149 33 80 11 25 -	217 56 103 14 44 -	268 76 111 25 53 5	514 101 141 25 48	366 126 145 47 47	439 178 189 41 29 1	490 230 196 30 33 1	580 244 269 33 31 3	616 282 285 29 20	551 216 297 19 18	441 180 238 12 11	251 103 141 3 4	86 21 61 2 2 -	17 3 13 1 - -	3	1 2 1	
14 3 7 1 3	51 11 15 1 4	42 18 15 4 5	59 27 19 5 7	88 35 25 19 9	102 47 35 11 11	176 93 54 13 16	208 111 74 10 12 1	233 131 87 <sub>1</sub> 5 9	252 129 99 13 9	253 122 118 6 6	194 68 99 3 3	121 54 64 1 2	69 32 36 - - 1	22 4 17 1	1	1 1 - -	2 2	123
. 56 24 18 5 8	159 66 69 13 9 2	409 196 160 22 29	847 456 303 47 37 2	1,451 875 429 53 70 2	1,632 1,136 528 98 65 5	2,152 1,377 621 84 59 7	2,181 1,465 583 89 39 6	2,121 1,449 542 78 42 8	1,814 1,180 557 49 20 6 2	1,442 909 -476 35 16 6	1,040 622 388 16 14	571. 512. 245. 11. 1.	257 116 134 3 3	44 19 24 1	12 5 6 1	1.	12 9 2 1	124
7 1 3 1 1	5 -	128 65 47 7 7	255 144 92 15 4	377 246 106 10 13	473 302 147 15 9	504 355 119 20 9	404 306 81 12 3	309 244 52 5 5	208 161 37 5 1	103 77 24 2 -	55 41 12 2 -	18 11 7 - -	7 4 3 - -	1 1 - -		-	4 3 1 - -	124a
49 23 15 4 7	127 53 55 11 6	281 133 113 15 22	592 512 211 32 33 2	1,054 629 323 43 57	1,359 834 381 83 56 5	1,648 1,022 502 64 50 6	1,777 1,157 502 77 36 5	1,812 1,205 490 73 38	1,606 1,019 520 44 19	1,339 832 452 33 16 6	985 581 376 14 14	553 301 238 11 1 -	250 112 , 131 , 3 3	43 18 24 -	12 5 6 1	1	8 6 1 -	12 <b>4</b> b
63 14 26 5 17 1	83 31 33 12 7	105 35 47 4 19	129 40 53 19 15	1 180 80 71 16 13	152 58 65 10 17	168 86 66 8	181 84 72 21 4	2 170 88 66 5 10	2 139 76 52 3 7	125 70 50 2 3	110 50 57 3	2 69 31, 34 2 2	36 14 21 -	10 10 20	3 2 -			. 125

### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

Int.	T		Under			I*** _		Under	Sxclusive o	10 to	15 to
List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	l year	l year	2 years	3 years	4 years	5 years	9 years	14 years	19 years
	IX Diseases of the digestive system - Con.										
126	Biliary calculi	3,775 1,228		-	_	_	-	-		1 -	1
	Female NogroMale	2,441 24	-	-	-	] -	-	-	<u>-</u>	1	1 -
	Female	56 11		-	-	-	-	-	-	-	-
	OtherMale Female	3.5	II -	i -	-	-	-	i - I	-	-	1
127	Other diseases of gallbladder, biliary ducts Wale	2,473 909	7 4	6 3	2 2	1 -		16 9	1		3 2
	Female NegroNale	1,413 55	2	1	-	_	-	3 2	3 -	_	-
	Female OtherMale	86 4	-	1	_	1 -		2	-	-	-
	Female	. 6	-	-	-	-	-	-	-	-	1
128	Diseases of pancreas (except diabetes mellitus) WhiteMale	1,213 629	23 13	36 11	22 14	10 5	5 2	96 45	16 7	5 4	6 3
	Female NegroNale	481 57	10	23 1	a -	5 -	3 -	49 1	8	1 -	z -
	Female OtherNele	43 1	-	1 -	=	:	-	1 -	] :		1
	Female	2	-	-	i -	-	-	-	j -	-	
129	Peritonitis (cause not stated)	805 366	40 21	3	8	3 2	5 3	60 32	21 8	9	16 5
	Female	289 53	12 5	1 -	4	1 -	2 -	20 5	7 3	1	5 2
	Female Other	89 4	2 -	-	1	:	<u> </u>	3	2	1	4
	Female	1	-	] -	_	-	-		=	-	-
	XDiseases of the genito-urinary system	90,549	222	77	90	101	59	549	247	280	475
	WhiteMale Female	43,322 32,499	122 56	35 23	45 32	45 45	31 18	278 174	106 89	126 109	216 167
	NegroMale Female	7,865 6,618	28 14	13 6	9	7	6 3	63 31	26 23	17 24	34 55
	OtherMale	169 76	1	_	-	]	1	1 2	1 2	1 3	2
130	Acute nephritis	2,136	96	38	37	37	24	232	100	78	99
	WhiteMale	886 640	52 24	13	13 14	16 12	15 5	109 66	34 35	40 20	39 32
	NegroNale Female	321 275	11 7	9 5	8 2	5	2 2	35 20	15 14	8 8	12 14
	OtherFemale	7	1	-			-	1	1	- 2	3
131	Chronic nephritis	71,666 32,080	6 3	18 8	34 22	51 22	26 14	135 69	107 51	142 62	295 153
	WhiteMale Female	27,991	2	6	11	27	9	55	41	64	100 )
	NegroMale Female	5,945 5,475	1 -	3	ī	2 -	2	8 3	7 8	5 9	18   25
	OtherMals Female	122 53	-	-	-	_	-	_	_	1	ĩ
131a	Arteriosclerotic kidney	55,407 24,518	4 2	2 -	4 2	3	2 1	15 6	14 6	27 14	94 52
	Female	22,120	2	-	1	1	-	4	6	11 11	30
	NegroMale Female	4,452 4,189	-	1	Ī	1	1 -	2	_ 2	1	7
	OtherFemale	92 36	] :	_	_	_			_		1
131ъ	Other .chronic nephritisWhiteMale	16,259 7,562	2	16 8	30 20	48 21	24 13	120 63	93 45	115 48	201 101
	Female	5,871	î	6	10	26 1	9	51 5	35 7	53	70 14
	NegroMale Female	1,493 1,286	-	2 -	_	-	1	1	6	8	16
	OtherMale Female	30 17	-	<u>-</u>	_	] :	-	_	[	1	_ [
132	Nephritis unspecified (10 years and over)	3,575 1,581	-	-		_	-			22 9	24 12
	Female	1,204	-	-		-	-		_	7	7 2
	NegroMale Female	339	] -	-	-	-	-	-	-	5	3
	OtherMale Female	7	] :	_	_	_	-		1	-	-
133	Other diseases of kidneys, ureters, etc. *	3,187 1,443	107 59	20 13	19 10	13	7 2	166 91	36 38	29 -13	2B 9
	Female	1,291 257	28 13	6 1	7	6	3 2	50 17	12	13 2	15 1
	Female	182	7	-	1	-	-	8	1	1	3
	OtherMalo Femalo	B 6	_	=		] [	<u>-</u>	-	ī	-	-
134	Calculi of urinary passages	1,342 793	1	_	_	-	-	1	3 2	5 1	3 2
	Fomale NegroMale	450 57	-	-	<u>-</u>	_	-	_	1	1	1
	Female	37	<b>  </b> -	-	-	-	-	-	ll -	-	- 1
	Other	3 2	=	-		-	-	-	-	-	-
135	Diseases of urinary bladder	551. 257	5 2	1		_	-	6 3	1	1	-
	Female NegroMale	197 75	2	-	-		-	2	-		_ {
	Female	20	-	-	-	-	- 1	-	li -	1	-
	OtherMale Female	2	-	-	_			-	-	-	-
136	Diseases of urethra (except calculus)	274 167	2	-	-		2	1	-	1	-
	Penale NegroMale	20 78	1	-	_	_	1	1			-
	Female	6	]  -	-	-	_	i - I	-	[] -	-	-
	OtherMale Pemale	2	] [	-		-	$ $ $_{i}$ $ $	- <u>i</u>	] [	i :	- 1

RACE, AND SEX: UNITED STATES, 1948-Continued

	mong erm	Bu Torces	overseas	··														
20 to '24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64' years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
12 3 7 - 2	26 2 25 - 1	40 9 30 1	79 15 58 2	146 : 38 95 1 8 2	185 64 111 - 8 1	356 113 231 4 5	474 167 293 4 9	543 182 343 4 9	558 182 365 3 6	532 189 337 2 2 2	429 153 270 - 2	244 67 174 2	122 39 82 1	23 5 17 1	.1 3 - -			126
7 3 2 1	18 4 9 3	31 8 12 3 7	1 50 16 27 4 2	2 112 35 65 4	1 119 46 54 3 15	1 204 75 108 11 10	262 81 163 9 8	289 115 161 4 8	1 511 121 174 3 12	1 357 127 199 2 7	4 317 126 186 3 2	1 225 83 139 1 2	123 48 72 2 1	32 6 26 -	11 2 9 -	1 - 1 -	- 1 1 - -	127
16 7 6 2	1 27 13 12 2	1 63 38 16 6 2	80 48 16 10	122 69 29 9	112 64 35 6	118 63 47 6	111 70 33 4 4	121 54 60 5 2	1 114 56 53 2 2	2 107 53 52 1 1	63 21 40 2	21 9 12	14 5 9	1	-	-	11111	128
27 5 10 - 11 1	21 6 6 1 8	1 27 7 7 5 7	33 10 10 3 10	1 50 17 20 3 10	55 21 18 4	61 27 17 9 6	- 72 39 25 5 3	71 40 24 4 3	84 46 26 5	- 66 29 34 - 2 1	73 37 32 2 2	42 24 18	12 6 6 1 1	413	1	11111	1 1 1 1 1 1	129
722	951	1,158	1,921	2,633	2 3,570	1 5,156	- 6,478	8,177	10,588	12,716	13,907	11,106	6,902	2,353	490	104	66	
302 293 43 96 3 5 89 46 23	367 317 89 169 6 3 92 92 19	388 412 128 224 5 101 38 30	591 652 264 408 3 3 136 56 46 20	908 841 369 501 11 3 130 51 32 20	1,275 1,169 533 582 7 4 150 61 39 20	2,072 1,517 850 697 16 4 150 64 29	2,943 1,921 881 705 20 8 131 50 26	3,904 2,601 978 670 14 10 135 58 44	5,271 3,517 1,017 764 14 5 150 61 50 24	6,518 4,593 975 602 23 5 127 47 47	7,375 5,345 724 438 16 9 93 35 38	5,756 4,546 479 511 11 3 77 57 30	3,569 2,935 240 147 10 1 39 14 21	1,142 1,040 81 86 3 1 19 8	179 225 37 45 2 2 2 7 7	34 30 21 38 - 1	16 16 16 22	150
443 210 167 24 36	19 2 607 262 195 58 87	760 276 254 89 136	1,340 425 419 200 291 2	27 - 1,938 694 591 281 360	2,745 2,745 999 848 424 463	4,129 1,663 1,196 663 592 12	20 - 5,259 2,371 1,571 680 616 16	16 5,682 3,056 2,211 766 610	8,569 3,975 3,109 775 694	12 10,197 4,723 4,175 727 552 16	9 - 11,172 5,300 4,895 556 404	9,079 4,226 4,190 361 291	5,650 2,593 2,728 188 135	2 1,911 824 944 63 79	1 - - 387 120 199 24 41 1	88 12 26 14 35	55 16 13 14 10	151.
3 157 69 58 10 18	1 255 100 68 30 56	398 113 125 63 94 3	3 873 241 267 147 214 2	3 1,368 455 413 215 277 5	3 2,071 738 621 341 364	3,157 1,258 915 512 461 10	5 4,109 1,847 1,221 544 485 11	8 5,187 2,379 1,729 573 490 9	5 6,731 3,129 2,474 580 533	4 8,165 3,731 3,450 526 442 12	5 9,058 4,242 4,060 420 302 9	2 7,295 3,350 3,443 265 228	1 4,521 2,050 2,232 141 93 4	1 1,507 630 771 44 61	2 304 86 168 18 29	1 61 8 21 7 24	40 14 12 8 6	131a
1 286 141 109 14 18 2 2	352 162 127 28 31 3	362 163 129 26 42 1	2 467 184 152 53 77 -	3 570 239 178 66 83	1 672 261 227 83 99 -	1 972 405 281 151 131 2	1,150 524 350 136 131 5	1,475 677 482 193 120	5 1,838 846 635 195 161	2,032 992 725 201 110	2,114 1,058 814 136 102 3	1,784 876 747 96 63	1,129 543 496 47 42 1	404 194 173 19 18	2 83 34 31 6 12	27 4 5 7 11	13 2 1 6 4	131b
47 15 19 6 7	57 22 14 7 13 -	77 24 26 7 20	120 40 39 19 22	162 53 37 32 40	203 75 55 35 37	262 101 81 40 38	275 95 102 43 33	249 105 76 45 21	358 171 95 62 30	409 185 151 50 22 1	438 219 169 32 17	415 213 157 33 11	276 162 91 12 11	135 66 58 7 3	-	1 8 8 8 1 8	3 2 1	132
55 19 30 5	72 21 36 5 10 - - 31	96 34 41 12 8 1	127 49 43 18 17	161 66 70 21 22 2	197 - 62 95 20 19 1	234 91 98 31 21 2	289 143 100 28 17 1	304 129 127 32 14 1	299 152 112 21 14	308 166 112 20 10 -	327 164 147 10 5	231 115 106 7 2 -	141. 67 66 7 1	55 30 23 2	8 3 4 1 -	1 - -	3 1 1 -	133
11 6 4	20 7 3 1	24 12 11 - 1	37 15 18 1 3	66 35 24 2 5	86 52 27 5 2	21 2 1 151 67 48 12 4	144 78 47 9 8 1	158 82 65 5 4	172 103 59 4 6	185 129 48 7 1	150 98 46 5 1	889 26 33	39 25 13	8581111	2 1		-	134
6 5 1 -	5 2 2 1	5 2 1 2	11 5 2 2 1	17 10 4 3	24 4 17 3	35 11 13 7 4	46 15 19 10 2	54 23 19 11 1	73 30 34 7 2	80 48 22 9 · 1	66 34 21 9 2	65 42 20 3	50 19 7 3 -	16 12 2 2 -	8 3 4 1 -	1 1 -	1 1 -	135
- - - - - - 89156	1 1 - - - 3 0—50-	4 1 3 -	311111111111111111111111111111111111111	10 5 - 5 -	20 11 7 1	22 13 1 8 -	34 14 4 16 - -	34 20 3 10 1 -	35 10 1 2	41 29 3 7 2 -	37 29 2 6 -	18 23 3 - -	5 3 1	2 1	3 3	-	-	.136

### VITAL STATISTICS OF THE UNITED STATES

TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

Column or State   St	List CAUSE OF DRATH, RACE,	and sex	Total	Under		1						
Statement of processors   Statement of pro				1	ſ				5	9	14	19
Discussion of greatestern		urinary										
Martin			6,790	_	_	_	_	_		_	_	,
1376			6,090					-1	-			1
2.576   Solution   S	Othe	erMele	18	l l	-	-	-	-		-	_	-
1370   Other diseases of proventies and provided in the prov	Whit	teMale	5,224	-				_				1
1.00   1.00	Othe					i		_[	-			
Margament   Marg		teMale		-	-	-	-	-	~	-	-	ı
	Negr	roMale	1.13	-		-	) i	-1	-	1 1		
Diseases of founding gential organizes   1	138 Diseases of other male genital org	gans (not	3	-	-	-	-	-	-	-	-	-
100					i			-				1
Discusses of Controls, Politic Composed					-	- 1	-	-		- 1	-	ī
Discusses of course, full pipels there, severetter   500	139 Diseases of female genital organs-					_ [	-	-				
	Negr	0Female		-	_	-	-	-	-			
1.570				-	-	~	-	-	-	-	- 1	-
1500   Diseases of uterum-   Nation	Whit	cFemale	353	-		-	-	-	- 1	-	-	9
Marketon   September   Septe	Othe	rFemale	4		-		-	-				
December of other feather grantial crystal companies   1						-	-	-	<u>-</u>			
Ministry   Market   Ministry	Nogr. Othe	OFemales-			-	-		-	-	l - i	-	
Tit	139c Diseases of other female genital	organs*		1 1		_		-	-	[ -		
### Till Discourse of Pengamony, Childbirth, and ### A, 122	Negr	'0Female		-		-	-	-	-	:		
### 122	Other	rFemale	-	-	~		~	-	-	-	-	-
Magrame			4,122			-	-	-	-	-	1.8	435
Abortion with mention of infections   200				-				-	-	-		
Milts				-	-			-	- 1	-	14	
Mainten			289	-	_	_	_	_  -	_	_	1	34
Abortion without mention of infrotion				-			-	-	-		-	16
Mails	Other	rFemale	3	-		_	_	-	- [		-	1
Mailan   Aboration (nonseptic)   Spontaneous   Section	White	gFemale			-	-	- 1	-			1 -	
Atla, c Abortion (nonesptic), spontaneous, therapeutic, with tomails — Femile 49						-	-	-		-		3
WhiteFemale	141a,c Abortion (nonseptic), spontaneous	a, therapeutic.	ì						-	_	-	l.
Abortion (noneeptic), spontaneous, therepuetts	White	eFemale	49	- 1	-		}	-		-	- 1	
Without torgania*   Nhite	Other	rFemale		-		-	-	-		-	-	
Margon   Page   Page		s, therapeutic,	70	_	_	_	_	_ []		_	,	_
Cher   Penale	White	eFemale	47	-	-	-	-	-	- ]	- 1	-	4
Negro	. Other	rFemale	1	, ,	-	-	- 1	- []	-1	-	- 1	- 1
Negro								-		-	-	
1.42				-			-	<u>:   </u>	- [	<u>-</u>	-	
Negro	142 Ectopic gestation		243	-	-	-	-	-			ī	
142a   Ectopic gestation, with montion of infection	Negro	0Female	105	-		- 1		-	<u> </u>		ī	7 B
White				[ ]		- 1		-	-	-		ے ۔
142b						- 1		31	1:	- 1	-	1
White	Other	rFemale	-	l - t	-	-	-	- []	-		- 1	- 1
145   Hemorrhage of pregnancy (death before delivery)   55   -     2     2	White	eFemale	109	- 1	-	-	- 1	-	[ ]	_ [	- 1	
Hemorrhage of pregnancy (death before delivery)	Other								,		1	
Negro	, , , , , , , , , , , , , , , , , , , ,							-	-	-	- 1	2
Towenias of pregnancy (death before delivery)   458	Negre	oFemale		-		-	1		-	-	- 1	
White			458						- [	-	- 5	
Other——Female— 7								- []	-	- 1	1	26
delivery)*	Other	rFemale						- 11	-	-		
Maite	delivery)*						_	_	_	_	2	21
145A   With mention of infection	Negro	oFemale						12	- 1	<u>-</u>	- 1	17
WhiteFemale	Other	rFemale-	1	-	-	-	-	12		-	-	- 1
Megro	White	eFemale	129	-	-			-]	-	]	_	
145B   Without mention of infection	Other	rFemale		ı ı	1		_	<u>-</u>	<u>-</u>	-	- 1	6
Nogro	145B Without mention of infection		87	-	-	-	-	-[[	-	- [	2	12
146 Remorrhage of childbirth and purparium	Negro	оУомадо		-	- 1	- ]	-	-	<u> </u>			
	146 Hemorrhage of childbirth and puerpo	erium	718			,	- 1	<u>-</u>	-1	-	-	-
, NegroFemale  198   -  -  -  -  -  -  -  -  10	White	eFemale	508	-	- i	- [		-	-		-	29
negroFemale							-	-	<u> </u>	_ [	-	-

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths	among ari	acd Toles		*)														
20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
	33-2	3 3 -	3 - 3 - 1	7 3 4 -	26 10 16 -	115 61 54 - 89	237 176 60 1	520 427 92 1 449	872 757 114 1 747	1,327 1,187 134 6	1,591 1,492 96 3	1,115 1,049 55 1	73.3 685 25 3	206 196 9	40 34 5 1	5 1 4	6 5 1	137
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### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

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Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
147	XI.—Diseases of pregnancy, childbirth, and the purperlum—Continued Infection during childbirth and purperlum—  White———Female— Negro———Female— Other———Female— Purperal taxemias (excluding death before	706 505 194 7		1111	1111	1111			-	2 1 1	68 36 31 1
	WhiteFemale   WegroFemale   OtherFemale	644 417 222 5	* - -	-	-	- - -	- - -	- -	-	3 2 1 -	128 60 66 2
149	Other accidents and specified conditions of childbirth	302 218 79	-	- - -		-	- - -			- - -	23 14 8
150	Other and unspecified conditions of childbirth and puexperium————————————————————————————————————	5 242 154	-	- ' -	-	-	- - -	- -		5 -	20 11
	NegroFemale OtherFemale XIIDiseases of the skin and cellular	83 5	-	-	-	-	-	-	-	- 8	8
	tissue	941	147	10	3	7	-	167	8	7	27
	WhiteMale Female	355 401	77 40	9	ī	3 1		89 42	4	1 3	3
•	NegroNale Female OtherMale Female	66 109 6	17 9 3	1 - - -	1 1 - -	2	-	21 11 3 1	2 2 -	3	2 9 - 2
151	Cerbuncle and furuncle White	41 32	6	1	_	1	-	8 5	-	1 1	-
	Female Negro	4 3	1 2	-	=	-	=	1 2	-		
	Female OtherMale	2 -	-	-	-	-	-			- 1	
152	Female Phlegmon and acute abcess	137	18	ī	ī	ī	-	21	3	ī	z
	WhiteMele Femele	61 45	10	1 -	i	-	-	11 6 2	1	1	1
		20 1	1	-	-	1	-	2	1	-	1
153	Female-Other diseases of skin and cellular tissue	763	123	- 8	- 2	5	-	_ 138	5	- 6	- 25
	White	262 352	64 33	7 -	ī	2 1	-	73 35	3	3	3 11
	NegroMale Female	53 87	14 8	1 -	ī	2 -		17	1	3	8
	OtherMele Female	5 4	3 1	- -	-	-	- -	3 1		_	2
	XIIIDiseases of the bones, etc.*	759	17		2	4	2	33	6	19	30
	WhiteMale Female	358 310	11 3	4 4	- 2	2 2	1	18 12	1 4	11 5	17 8
	NegroMale Female	51 36	2	-	_	] [	-	2	1 2	2 1	1
	OtherMale Female	4 -		- -	-	-	-	-	-	-	-
154	Osteomyelitis and periostitis	170 88	7 6	1	-	-	1	9	1	2 <sup>-</sup> 1	3
	Female NegroMale	43 26	- 1	-	-	-	-	1	ī	1	1
	Female OtherMale	9	-	=	-	] -	-		-	-	[ - ]
155	Female Other diseases of bones (except tuberculosis) White	191	4	- 2 1	-	1	ī	8	1	2 2	1
	Walte	56 123 6	2	1	_	1	1	5	=	-	1
	Female OtherMale	6	i i	-	-	=		1	1	-	=
156	Female Diseases of joints, other organs of movement	- 398	- 6	- 5	2	3	-	16	6	15	26
	WhiteMale Female	214 144	5	2 3	- 2	2	-	9 7	1 4	8 5	16
	NegroMale Female	19 21		-	-	-	-		i	1	1
	OtherFemale	-	-	-	-	_	-	] -	-	[ [	] -
<b>1</b> 57	XIV.—Congenital malformations	19,246	15,778	882	315	172	121	17,268	380	219	209
	White	9,706 7,856	7,993 6,424	424 386	144 140	84 68	55 53	8,700 7,071	182 154	106 .85	116 76
	NegroMale Female	878 702	710 560	35 33	15 16	6	8 5	782 620 56	19	14 13	15
	OtherMale Female	65 39	52 39	-	-	-	-	56 39	1 <u>.</u>	1	1 -
157a-d	Congenital malformations of central nervous system	5,860 2,600	4,512 1,962	384 183	147 58	71 33	57 21	5,171 2,257	140 64	62 29	58 35
	Female NegroMale	2,854 198	2,281	173	73 9	28 7	27 7	2,582 160	55 14	25 3	17 6
	Female OtherMale	182 17	122	1.3 4	7 -	3 -	2 -	147 16	7	5	[
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RACE, AND SEX: UNITED STATES, 1948-Continued

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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

									EXCIUSIVE C	f stillbir	the and dr
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Totel deaths	Under 1 year	l year	2 уелга	3 years	4 yeara	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
157e,f	ITV.—Congenital malformations—Continued Congenital malformations of cardiovascular system— White	9,016 4,772 3,438 412 336 37 21	7,335 3,927 2,749 336 271 31 21	397 183 180 19 15	130 68 50 4 8	81 39 32 7 3	53 27 23 1 2	7,996 4,244 3,034 367 299 31 21	195 98 81 8	135 67 52 9 7	137 75 52 6 3 1
157g,h,m	Other congenital malformations————————————————————————————————————	4,370 2,334 1,564 268 194 11	3,931 2,104 1,394 248 167 9	101 58 33 5 5	38 18 17 2 1	20 12 8	11 7 3 - 1	4,101 2,199 1,455 255 174 9	44 20 18 2 4	22 10 8 2 1 1	14 6 7 1 -
	MY.—Diseases peculiar to the first year of	61,543	61,543	•••	•••	•••		61,543			
	WhiteMale Female Negro	30,563 20,904 5,456 4,250 210 160	30,563 20,904 5,456 4,250 210 160	:::				30,563 20,904 5,456 4,250 210 160			
158	Congenital debility (cause not stated)Male WhiteMale Foundle RegroMale Foundle	1,613 636 471 287 185	1,613 636 471 267 185					1,613 636 471 287 185			***
159	Other	22 12 39,085 18,970 13,497 3,521 2,905	22 12 39,085 18,970 13,487 3,521 2,905					22 12 39,085 18,970 13,497 3,521 2,905		••••	::
160	Other	111 81 12,191 6,563 4,026 908 626	111 81, 12,191 6,563 4,026 908 626					111 81 12,191 6,563 4,026 908 626			:::
161	Other	37 31. 8,654 4,394 2,910 740 534 40	37 31 8,654 4,394 2,910 740 534 40					37 31. 8,654 4,394 2,910 740 554 40			
162	Femalo XVI.—Senility	9,209	36					36			
	WhiteMale Female NegroMale Female Other	3,452 4,303 662 724 53 35	-	- - - -	-	-	- - - -		-	-	- - - -
	XVII.—Violent or accidental deaths	123,009	3,656	1,868	1,123	1,034	921	8,602	3,230	2,812	6,255
	White Male Foncile Negro	74,075 32,688 11,675 3,806 606 159	1,572, 1,230 448 359 32 15	930 642 152 123 12 9	551 367 94 97 9 5	510 345 80 90 7 2	485 260 83 82 7 4	4,048 2,844 657 751 67 35	1,866 873 269 202 16	1,786 568 311 128 13	4,067 1,168 762 198 35
165,164	Suicide	16,354 11,989 3,731 434 104 82		-	- - - -	- - - -	- - - - -	-	2 2	45 39 5 - 1	311 181 108 10 11 1
163	Buicide by poisoning	3,830 2,186 1,545 56 31 9	* * 1 1 1 1	-	-	-	- - - -	-	- - - -	3 - 2 - 1	70 25 57 2 6
164	Suicide by other means White Male Male Male Male Male Male Male Mal	3 12,524 9,803 2,186 378 73		-	- - - - -	- - - -	-	-	- 2 2 - -	42 39 3	241 156 71 8 5
165-168	Other	73 11 8,536 2,908 972 3,686 898 57	151 57 67 15 11	28 13 8 4 3	- 11 3 5 2 1	- 12 5 3 1 3	13 9 3 1	215 87 86 23 18	54 24 20 7 3	82 24 24 18 15	1 - 445 107 50 222 64 1
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<sup>&</sup>lt;sup>1</sup>Includes figures for infanticide (165).

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths a																		
20 to	25 to 29	30 to 34	35 to 39	40 to	45 to 49	50 to	55 to 59	60 to 64	· 65 to 69	70 to	75 to 79	80 to 84	85 to 89	90 to	95 to	100	Not	Int.
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1 <u>- 1</u>	-	=	=	-	-	3 -	10	27	42 3	,93 5	109 7	131	99	77	52	82	9	
- 1		=	_	-	-	-	-	-	ı	2	<b>4</b>	5 7	3 5	<b>4</b> 6	2 3	7	-	
9,054	7,899	7,149	7,506	7,374	7,145	7,191	7,126	6,924	6,820	6,913	7,216	6,383	4,749	1,941	436	73	211	
6,166	5,065	4,553	4,752	4,761	4,764	5,005	5,088	4,914	4,525	3,908	3,469	2,706	1,708	631	135	10	148	
1,204 1,289	1,086	1,081	1,259	1,303	1,215	1,268	1,380	1,475	1,822	2,601	3,456	3,493	2,952	1,255	282	40	23	
309	306	1,168 299	1,177 268	1,032 236	945 172	707 150	478 138	372 121	298 139	253 120	169 100	103 77	41 40	27 19	10 9	6 14	26 10	
72 14	53 14	35 13	38 12	35 7	40 9	36 5	39 3	37 5	31. 5	. 26 . 5	16 6	3 1	4	6 3	-	1	3	
761	937	1,154	1,389	1,616	1,731	1,615	1,775	1,564	1,204	957	611	314	128	23	- 6	-	1. 12	163,164
493 202	624 236	737 347	913 392	1,094 452	1,252	1,337 425	1,375 367	1,277 261	965 213	790 148	497 104	267 45	111 16	18 . S	6	-	11.	
45	50	48	67	49	55	35	24	17	16	9	6	2	1	-		Ξ.	1 -	
17	18 5	17	9 5	. 15 . 5	8	6 10	3 6	1 8	8 8	2 8	- 4	-	-			-		
3	4	1	2	1	1	2	-	-	-		-	-	] -	_	-	-	_	
217	221 111	340 167	413 217	458 248	428 · 247	430 247	382 240	295 196	21B 144	173 115	104 65	<b>4</b> 9 36	25 20	1	1		2	165
102	101	159	183	1.98	170	176	1.37	96	71	54	39	13	20 S	ī	1	-	1	
5 4	3 5	9 5	10	6 4	8	5 1	3	1	2 1	2 1	-	-	-		<u>-</u>	-	- :	
:	- 1	-	2	2	1	1	1	ī	1 1	1	-	-		-	- 1	~	-	
544	716	814	975	1,158	1,303	1,385	1.393	1,269	986	784	- 507	- 265	103	72	- 5	_	- 10	164
387 100	513 135	570	696 209	846	1,005	1,090	1,135	1,081	823.	675	432	231	91	18	5	-	10	104
40	47	188 39	57	254 43	234 47	249 30	230 21	165 16	142 14	94 7	65 6	32 2	11	4	-	-		
7 7	13 5	12 4	9	11 11	. 7 10	5 9	2 5	7	1 8	1 7	-	-	- ,	-	- 1	-	-	
3	3	1	.1	1	-	2			-	-		- -	-	-	-			
1,154 300	1,302 352	1,165 329	1,141 362	681 311	653 232	507 245	312 172	216 135	174 100	1.10 66	62 30	31 21	12	4		-	16	165-168
107	99	105	115	100	70	51	44	27	30	15	16	21 3	3 8	1 2		-	. 2	
579 159	663 156	572 149	536 122	368 95	302 45	183 27	79 12	43 9	32 10	20 5	10 4	4. 3	- ,	1	-	-	4 2	
7.	8	8 4'	5 1	6 1	4	ì	s	2	2	4	2	_	ı	-	-	-	í	
,	* '	*			- 1	- '		- '	- 1		- 1	-	- 1	- 1		- 1	- 1	

#### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

Int.			Under					Under	5 to	10 to	15 to
List No.	CAUSE OF DEATH, RACE, AND HER	Total deaths	l year	l yenr	years	3 years	years	5 years	years	14 years	19 years
	XVIIViolent or accidental deathsCon.								}		
166	Homicide -Continued  Homicide by firearms	4,894	8	. 7	4	3	2	29	27	40 13	270
	WhiteMale Female	1,778 533	5 5	3	2	2 -	6	16	12	9 '	75 36 132
	NegroKale Female	2,135 422	-	2 1	1	ī	-	5 2	5	10 8	27
	OtherMale Female	25 3	-	-	-	=		-	[ -	-	
167	Homicide by cutting or piercing instruments	2,074 382	1	3 2	-	2 1	1	10	2	17	136
	Female NegroMale	108 1,243	3 -	-	-	ī	ī	2	2 -	5 6 5	6 78 33
	Female Other	324 13	-	-	-		-	- -	-	-	1
168	Female	1,568	139	- 18	7	7	5	176	25	25	39
	WhiteMale	748 331	53 59	8 6	1 4	2 3	3 2	67 74	12	10 10	15 8
	NegroMale Female	508 152	15	2	1	2	-	18 16	5 5	5 5	12 4
	OtherMale Female	21 8	1	-	=	_	-	ī		ī	-
169-195	Accidental deaths	98,001	3,505	1,840	1,112	1,022	908	8,387	3,174	2,685	5,489
	WhiteMale Female	59,143 27,965	1,515 1,163	917 634	54B 362	505 <b>34</b> 2	476 257	3,961 2,758	1,840 853	1,723 539	3,778 1,030
	NegroMale Fomale	7,474 2,804	433 348	148 120	92 96	79 87	82 82	634 733	199	293 112	521 123
	OtherMale Female	465 130	32 14	12	9 5	7 2	7 4	67 34	16	13 5	53 4
169	Railway accidents (except collisions with motor vehicles)	2,502	3	20	12	2	5	42	32	37	73
	White	1,904 199	1	13 6	5	2	3 2	28 11	20	25 8	44 14 11
	Negro	326 42	ī	-	ī	_	-	2	2	2	3 1
	OtherMale Female	29 2	-	1 -	-	_	-	1 -	-	-	-
170	Motor-vehicle accidents	32,259 22,343	187 80	400 207	315 160	355 200	378 211	1,635 858	1,389 835	948 613	3,049 2,153
	Female	6,731 2,356	88 13	8 8	118 19	118 21	116	609 93	402 98	241 58	681 157
	Yemale Other	608 182	3 3	11 3	16	14 2	15 2	59 11	6	29 6	47 9 2
170e.	Female Collisions between automobiles and trains	1,474	10	2 9	9	17	2 8	5 53	32	1 37	140
1100	WhiteKale	1,033 349	5 5	3 6	2 6	6 10	4	20 31	21 10	24 15	79 50
	Negro	68 18		-		-	-	ī	1 -	] [	2 9
	Other	5 1	_	_	] -	1	-	1	-	-	_
1706	Collisions between automobiles and streetcars	83 47	-	1 -	=	-	-	1 -	] :	<u> </u>	10 5
	Female Negro	18 16	:	1	-	-	-	1 -	-	:	4 1
	Female Other	2 -	]	-	] =	] -	i -	-	-	] :	-
170c	Female Automobile accidents (except collisions with	-	-	-	-		-	-	-	-	
	trains or streetcars)White	29,915 20,578	177 75	369 203	306 156	357 194	368 205	1,577 835	1,350 809	901 562	2,717 1,916
	Female Negro	6,290 2,246	83 13	162 8	112	107 21	112 32	576 93	390 97	225 58 29	699 146 45
	Female Other	587 176	3 3	11	15	14 1	15 2	58 10 5	46 6 2	6 1	8
170d	Female Motorcycle accidents (except collisions with	38	-	2	1	,	2		7	10	182
	white	787 685	-	1	] -	1	2 2	3 1	5 2	7 3	155 28
	Female Wegro	74 26 1	-	-	-	-	-	]	=	=	i
	Female OtherMale	ï	-	-	-	-	-	-	]	-	
171	Female Streetcar and other road-transport accidents	484	-	z	_ _	3	2		28	31	18
	WhiteMale Female	319 94		2 -	ī	3 -	1	6 2	17 6	22 5	9
	Negro	56 10	-		] :	Ι :	-	=	5  -	3	5 2
	OtherMale Female	5	] [	] -	! :	:	-	-	_	] -	-
171a	Streetcar accidents (axcept collisions with trains or motor vehicles)	325	-	_	ı	-	-	1	7	4	4
	WhiteMale Female	215 69	-	-	ī	:	-	ī	6	3 1	1
	Begro	32 6	<u> </u>	-	] -	:	] [		1 -	-	2 -
	OtherNale Female	5 -	] -	-	-	:	-	-	]=	-	-
171b	Other and unspecified road-transport accidents	159 104		2 2	-	3 3	2 1	6	21	27 19	14 8
	Female	25 24		-	:	:	1 -	1 -	6	3	1
	FemaleOther	4 2	-			=	-	=	]] -	-	2 -
	Female	-	-	-	! -	ļ -	; -i	-	II -	1 -	1

<sup>&</sup>lt;sup>1</sup>Includes figures for infanticide (165).

RACE, AND SEX: UNITED STATES, 1948-Continued

20 to 24 years	25 to .29 years	50 to . 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years.	60 to 64 years	65 to 69 years	70 to . 74 years	75 to 79 yeers	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	over and loo	Not stated	Int. List No.
704 215 71 345 71	818 243 67 413 90	717 223 69 349 71	705 249 75 316 61	523 202 54 217 47	364 148 45 149 20	270 136 27 96 11	173 97 25 45 5	100 63 14 21 2	71 59 12 16	43 27 5 10 1	21 - 12 - 4 - 5 - 2	6 3 1 2 -	2 1 1	3 2 1	<u>.</u>	- - - -	8 4 1 2	166
1 353 50 15 216 69	5 368 61 10 240 55	1 313 46 10 195 61	3 .1 .270 47 10 173 38 2	3 199 34 11 116 35	158 24 9 109 15	91, 29 4, 54,	5 59 21 12 22 5	41 22 3 13 2	1 27 12 4 9 2	15 8 1 5	7 2 1	6 4 1 - 1		-			1 2 - 1 1	167
1 97 35 21 18 19	1 118 48 22 30 11 2	1 135 60 24 28 17 4 2	166 66 30 47 23	1589 15 55 55 15 ·	151 60 16 44 10	146 80 20 33 12 1	- 80 54 9 12 4	75 50 10 9 5	76 49 14 7 5	52 31 9 5	54 16 11 3 2 2	19 14 1 2 2	10 2 7 -	- 1 1 - -	111111			· 168
7,106 5,365 895 641 139 57	5,630 4,082 751 619 132 40 6	4,811 3,479 631 537 133 23 8	4,962 3,472 752 564 137 28	4,871 3,352 751 613 126 24 5	4,760 3,280 741 587 119 25 8	4,867 5,422 812 409 117 24 3	5,0 <b>3</b> 8 3,541 969 374 125 28	5,144 3,502 1,187 332 111 27	5,442 3,460 1,579 250 127 21 5	5,846 3,052 2,438 224 113 14	6,543 2,942 3,336 153 96 10	6,038 2,418 3,445 97 74 3	4,609 1,594 2,928 40 40 3	1,914 612 1,248 26 19 6	430 129 282 10 9	75 10 40 6 14 1 2	182 129 20 22 8 ·2	169-195
147 114 3 27 1	176 112 11 43 3	183 137 6 37 1 2	219 ,169 12 32 4 2	224 167 13 40 2	214 160 12 32 5 4	246 194 15 33 3 1	247 204 15 22 4	207 177 7 19	147 120 14 9 2 2	110 77 23 5 3 1	97 72 18 6 1	54. 48 6	25 19 4 2	6	2	· · · · · · · · · · · · · · · · · · ·	14 10 - 4 -	eac
4,169 3,206 584 277 70 28	2,772 2,046 416 238 51	2,078 1,494 322 199 44 14	1,990 1,536 390 207 47 16	1,862 1,254 355 198 43	1,778 1,165 362 197 37	1,777 1,202 366 164 35	1,812 1,224 433 125 21	1,823 1,258 408 114 26	1,747 1,272 361 81 22 10	1,426 . 996 346 69 13	1,073 758 262 37 11	630 452 342 31 4	213 167 44 1	45 28 10 5 2	7 5 1 -	-	36 21 6 6 1	<b>170</b>
189 132 41 11 3	2 137 97 30 4 5	5 118 78 26 10 2	116 79 22 11 5	3 93 70 17 4 2	105 74 18 11	1 105 79 23 3	1 95 74 20 1	91 67 22 2	1 79 66 10 1	46 39 7 -	1 29 24 5	9 7 2 -	- 4 3 1	-	1 11 1 1 1		. 1	170a
11 5 3 3	13 9 3 1	64121	1621	7 3 1 2 1 -	6 2 3 1		8 6 1 1	5 4 1	3 2 1	22 2				-	1446111		, 1	170ъ
3,712 2,829 527 259 66, 27	2,513 1,846 579 224 45 17	1,866 1,333 289 183 42 14 5	1,829 1,221 354 191 44 16 3	1,740 1,162 335 191 40 9	1,655 1,077 341 183 37 13	1,660 1,114 340 161 33 11	1,703 1,140 411 122 21 8	1,719 . 1,180 . 384 112 26 14 3	1,658 1,199 349 79 22 8	1,369 947 339 68 13 2	1,057 730 254 37 11 4	615 442 139 29 4	208 163 43 1	45 26 10 5 2	7 5 1 1	111111	34 20 5 6 2 1	170c
258 240 13 4 1	109 94 7 7 - 1	90 79 7 4	39 34: 3: 2:	22 19 2 1		761	6 4 1 1	8 7 1 - -	7 5 1 -	9911.1.1	7 4 3 - -	6 3 1 2	11		11111		.1	170a
0 4 1 3	11 4 2 5	95	19 11 5 2	28 17 2 8 1	27 18 2 5 1	59 28 5 4 1	47 54 5 6.	51 56 12 2 1	47 33 11 2	35 21 9 3 1	38 25 13	32 23 8 1	1 1 1 1 1 1 1 1 1 1 1 1	20 4 1 1 1		: 11111		171
6 5 1 2	9 3 2 4	7 4 - 5			21. 13. 1 5. 1	33 24 5 2	36 29 4 2		32 19 11 1	24 15 9	35 21 12	28 18 7	5 3 -	. a 2			-	171a
6 3 1 2 1	2 1 1	- 2 1	14 8 8 8 1 1 8 5 8 8 8 1 1 1 1 1 1 1 1 1 1	24 16 1 6 1 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	1651	6 4 - 2	11 5 1 4	40 27 10 2 1 11 9	15 14 -	24 15 9 - - 11 6	5 4	7.51	2 2	1	1111111	111111111		1716

### TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

								(1	Siclusive c	af stillbir	the end of
Int. List No.	CAUSE OF DRATH, RACE, AND SEE	Total deaths	Under 1 year	l year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
•	XVII. — Violent or accidental deaths-Con.										
	Accidental deathsContinued	i									1
172	Water-transport accidents	1,384	1	ž	4	7	4	18	50	59 30	156
	White	1,092	î	2 -	1	3 2	3	10 S	22 5	122	24
	NegroMale Female	148 18		-	1 -	-	-	1 -	2	9 8	19
	OtherMale	6		-		2	- 1	2	1 :	-	-
178	Air-transport accidents	1,912	5	5	- 2	2	- 4	18	8	ıı	142
2.0	WhiteMale	1,719	Z	2	1	1	2	8	4	7	112
	Female	172 17	3 -	2 1	1 -	1	1 1	8 2	4	-	29
	Female OtherHale	1 3		-		-	-	-		-	ī
174	Fonale	- 1	-	-	_ !	-	-	- 1		-	- 1
1.74	Accidents in mines and quarries	1,348 1,230		2 1	_	_	1 1	3 2	11.	28 25	57 52
	Fomale Negro	10 106		1	-	-	-	1	1 1	2 5	2 3
	Female	-		-	-	-			-	-	
	OtherKale Female	s		-	<u>-</u>	-	<u> </u>	<u> </u>	_ :	<u>-</u>	
175	Agricultural and forestry accidents	2,294	-	27	15	20	22	84	77	93	130
	White	1,948 130	:	14 10	8	12	17 3	51 24	55   17	68 13	111 5
	RegroNale	181	:	2	2 1	1	1 1	8	1	9	10
	Other	25	- 1	1	-	-	-	1	-	2	3
175a-a	Fenale	1,866	-	27	15	20	22	84	77	93	114
	WhiteMalc	1,573 127		14 10	е :	12 7	17 3	51 24	55 17	68 13	92 4
	NegroMale	140		S	2	i	1	6	*	9	14
	Female OtherMale	7 18		ī	1 -	-	1	2	1	l Z	1 5
175d,e	Forestry accidents	1 428		_	-	-	-	-	-	_	24
4750,0	WhiteMale	375	-	-		_	-	-	-	-	19
	Female	3 41	:	-		-	-		] [	-	1
	Female	2	-	_	-	-	-	-		-	-
	OtherMale	7	:	-	-	-	-	-		-	- 1
176	Other accidents involving machinery	1,240 1,054	[	6 5	4 2	9	7 6	26 17	8 7	18 14	71 55
	Female	33	_	1	2 .	5	1 1	9	1	2	2
	fegroMale Female	148 2	] - [	-		-	-			2	13
	Other	3		-		-	-	_ :	_ :		1
177	Food poisoning	277	35	17	7	10	7	76	15	6	5
	WhiteMale	107	111	9	2	4	4	30	4	3	- 1
	Female WegroMale	83 41	9 9	3 3	3 1	1	2	21 14	5 2	2	2
	Female Other Male	44 2	6	2 -	1 -	1 -	1 -	11	-	_	1 1
170	Fenale	-		-	_ :	-	- !	- 1	- 1	-	-
178	Accidental absorption of poisonous gas	2,002	57 13	15 8	12	14	3	82 40	10	22 11	66 30
	Female NegroMale	626 97	14 2	6 1	2 2	3	- ]	25 4	8 -	10 1	52 3
	Female	40	7	-	1 :	2	- 1	1.0	-	-	1
	Other	12 2	i	_	1 -	-	1	2 1	-	-	
179	Acute accidental poisoning by solids or liquids	1,436 709	55 20	243 114	65 34	52 16	10 5	405 189	25 9	4	29 8
	Female	491	21	61	17	5	2	106	6	-	11
	NegroMale Female	134 89	9	40 27	9	7	5	61 44	5	-	6
	OtherMale Female	11 2	5	ī	1	-	<u> </u>	4	-	-	-
180	Conflagration	3,075	188	188	164	140	125	1 805	271	- 96	64
	WhiteMale Female	1,392 808	76 46	50 78	58 44	49 39	49 24	282 231	100 89	35 32	1.7 51
	NegroMale Female	466 388	27 39	32 26	28 54	25 25	20 31	132 155	41	10	8
	OtherMale	14	-	1	-	25	1	155	41	19 -	8 -
181		4,593	149	211	154	160	123	797	262	11.3	129
	White	1,910 1,606	57 54	<b>84</b> 79	52 52	43 79	31 54	267 329	62 102	42 35	48 43
	NegroMale	51.5	15	24	16	8	9 [	72	S1	15	11
	Female OtherNnle	525 19	21 2	23 1	21	28 1	26 1	119 5	75	20 1	24 2
	Fenale	18	-	-	3	1	2	6	- 1	-	į
182	Accidental mechanical suffocation	1,863 897	1,568 689	35 20	7 2	9	9 7	1,628 726	19 14	16 13.	18 11
	Female	550	506	10	2	1	ž	521	4	13. 2	4
	NegroMalo Female	237 153	206 149	1 3	1 -	-	-	208 152	ī	-	-
	OtherMale	20	13	- 1	2	-	_ [	15 6	-	1	i
183	Accidental drowning	5,299	32	270	164	116	100	582	486	590	640
	WhiteMale Female	3,706 682	14 9	175 79	105 53	75 33	73 19	442 195	356 76	375 95	399 71
	NegroMale Female	765 93	5 5	6 5	1 2	4	6	20	42	104	154
	OtherMale	43	- !	3	2	3	1	16 6	5	1	10 6
	Femnle	10 !	1 1	5	1 1	1	1	5		4	_ i

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths among armed forces overseas)

20 to 24 yours	25 to 29	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	85 to 89 years	90 to 94 years	95 to 99 years	100 and over	Not staked	Int. List
							•				•	,	,	7				-,
178 147	161 132	133 111	155 132	123 100	113 95	77 60	54 45	43 38	32 29	15 15	11	2 2	1	:	-	-  -  -	3 2	172
9 19 2 1	6 19 3	9 10 2 1	7 15 -	\$ 18	7 11 -	3 14 -	2 7 -	1 -	1 2 -	=	1111	-	-	-	=	-	1	
480 446	470 452	271 248	169 149	131 124	79 74	34 27	· 27	22 19	- 6 6		2 1	-	- :	- -	:	=	42 40	175
27 4 1 2	50 8 -	22 1 -	20 - -	-	1	6 1 -	5 - -	- -	=	-	1	-	:	=	-	=	2	-
148 136	132 123	157 147	147 135	156 159	131 116	151 118	114 109.	- 85 77	31 29	- 8 8		=	:	=	=	:	- 4 5	174
n i	2 7 -	9	ű ī	17	15	13	5	8	2		1	-	=	· =	-	-	î -	
140 120	136 120	124 106	142 124	170 145	156 139	174 146	175 155	196 175	178 163	141 126	94 79	47 42	18 18	9 7	1	=	1	175
13	3 10 - 3	5 11 1 1	5 10 2 1	20 - 2	6 10 1	6 21 - 1	5 16 1	11 9 -	6 8 - 1	4 9 - 2	7 6 1	1	-		-	-	-	
98 80	B1. 73	75 60	97 83	110	112 101	140 118	149 131	164 145	168 154	137 123	91 77	47 42	18 18	- 9 7	- 1 1	-	1 1	175a-c
12	5 	5 B 1	5 8 1	3 14 -	6 4 - 1	5 16 - 1	5 12 - 1	10 6 - 3	6 7 1	4 8 - 2	7 6 - 1	4 1 -	-		-		-	
1 42 40	55 47	49 46	45 41	60 52	- 44 38	34 28	26 22	32 28	- 10 9	- 4 3	- 3 2	-	:	-		-	3	175d,e
ī	- 5 - 3	5	2 1 1	6	6	1 5 -	4	1 3 -	ī -	i	1			-			-	
119 105	130 106	121 103	146 125	1.50 1.08	101 86	124 106	85 76	- 76 72	44	28 24	8 6	4	1	-	-	- : -	- -	176
3 13	24	. 1 16 1	17 -	21 1	1 14 -	2 15 1	2 - 1	4	1 2 -	3	2	-	-	=	1 1 1	1 1	-	
- 5 1	- 9 3	- 6 2	11 3	- 10 6	- 10 5	- 17	21	25 13	- 17 5	- 14 6	- 14 5	- 11 5	- 5 2	=	-	-	-	177
3 1	1	2 1 1	1 3	2 1 1	3 1 1	3 4 6	5 2 3	5 6 5	8 2 1	7 1	5	4 1 1	2 1 -	=	-	<u>-</u> ,	=	
123 76	99 61	126 75	134 90	127 87	121 72 38	147	1 158 111	167 126	182 114	156 89	- 126 58	90 49	- 46 19	- 5 2	3 2	-	 4 3	178
36 7 4	26 8 3	37 10 4	30 8 6	27 11 1	9	100 31 12 3	59 6 1	37 1 2	58 6 2	89 59 5	65 3 1	40 1 -	25 2 -	3 -	1		1 - -	
50 19	1 65 31	98 37	121 65	1 144 67	1 125 60	101 55	1 83 47	62 <sup>1</sup>	.45	2 - 40 27	26 18	-   -   1	 5	2		-	- 2 1	179
25 5 3	27 4 1	41 12 8	45 8 4	57 9 9	47 10 6	38 4 4	50 4	20 2	27 15 1	10 3	7 1 -	7	2	i -		-	1	
98 34	2 - 154 51	132 75	1 175 97	141.	159 A7	144 81	1 131 76	157 70	1 1 142 81	126 75	- 139 74	99 51. 33	- 49 25	16	4	3	- 10 8	1.80
98 54 57 13 12	51. 38 26 16 2	75 29 16 15 1	97 38 22 16	70 39 18 14	87 27 34 9	81 25 20 17	76 22 19 12 1	24 28 14	81 50 16 15	.75 28 16 7	37 24 4	7 8	25 12 7 5	5 5 1	. 2	1 2	ī	
	.1 202 93		2 226 107	243 121	1 254 127 65 41 25	-	264 119	244 113	281 111	312 132	295 114	214 88	- 125 55	61 25	7 3	6	ī 7 4	161
154 76 43 21 13	.1 202 93 64 30 15	185 94 42 27 18	226 107 65 35 18	243 121 76 31 14 1	65 41 25	119 138 198 198 198 198 198 198 198 198 198 19	264 119 79 33 32 1	113 80 30 21	281 111 99 53 34 3	512 132 118 50 29	114 142 19 17	88 89 16 20 1	53 56 10 6	25 26 6 3	2 1 1	1 2 2	2	
-	26	2 21	1	32	15	-	8	- 8	3 1 8 4	1.3 82,1	2	2	-	ī -	-		-	182
24 19 . 1 . 3	12 5 8	17 2 2	15 1 3	25 3 6	13	15 11 1 5	8 -	7	2 2	1	2. 1 1	1	1111	- - -	-	1111	1 1, -	
1	314	-	1	274	- 256	270	227	196	172	109	74	27 24 3	- 18	- 1	- 2	1 1 1	- 26	183
271 35 99	208 28 67 10	289 192 28 60 7 2	228 169 ·17 38 4	195 30 41 6	194 18 38 4	210 20 37 2 1	197 14 11 2 3	159 17 15 5	146 12 12 2	62 11 12 2	53 9 9 3	24 3 -	12 2 3	1	1	1111	22 2 2	
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TABBLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

					<del></del>				Exclusive o	W SPITTOIL	MIS STEEL OF
Int. List No.	CAUSE OF DEATH, RACE, AND SEK	Total deaths	Under 1 year	l year	Assta 5	3 3	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	XVII Violent or accidental deaths Con.		,								
	Ascidental deaths—Continued									] ,	
184	Accidental injury by firearms	2,270 1,587	6 3	19 10	19 8	28 15	29 19	101 55	145 90	249 183	375 273
	Fonale Negro	204 388	- 3	5 3	1	5	4 (	15	27	29	25
	Female	76	- ]	1	6 3	4	5 1	21 9	16 11,	30 6	62 11
	Other	13 2	-	-	1	-		1	1	1	6
185	Accidental injury by cutting or piercing	268	z	u	7	4	6	30	35	22	15
	WhiteMale Pemale	149 41	i	5	5	z	1	34	20	9	10
	NegroMale	48	-	4	2	1 -	3	10	9 \$	7 2	3
	Female OtherMale	27 2	1	1	-	1	1	1	3 ~	4	1
186	Accidental injury by fall or oranhing	24,687	140	94	51	39	26	350	138	- 99	101
	WhiteMale Female	10,654 12,982	53 47	54 24	32 14	18 17	14 7	171 109	89 89	66 14	135
	BegroMala Fomale	613 379	18	9	2	3	1 1	33	12	15	25 18
	OtherMals	33	18 1	6	3 -	1	5 1	31 2	1 2	-	4
186a	Accidental injury by fall	26 24,266	3 132	1 93	48	- 34	18	4 325	120	- 90	165
	WhiteMale Female	10,320 12,955	51 46	54 23	29 14	15 15	9	158 104	80 24	60 14	120
	NegroKale	561	1.5	9	2	3	i - 1	29	111	15	3.8
	Fonale OtherMale	372 32	16 1	6 -	3 -	1 -	2	28 2	1 2	3 -	- 1
166ъ	Accidental injury by crushing	26 421	3 8	1	3	5	- в	4 25	2 18	- 9	1 16
	WhiteMale Female	334 27	2	1	3 -	3 2	5 1	13 5	9 8	6	15 1
	NegroFomle	52 7	3 2	Ē	-	-	1	4	1	Z	=
	OtherMale	1	-	-	-	-	1 -	3 -	-	1 -	
187	Cataclyum, etc.*	245	6	-	2	-	1	22	1.4	14	8
	WhiteKale Female	129 79	1 4	2	2	5 -	1 2	9 8	7	8 3	5 2
	Hegro	17 16	1 1	- 2	-	1	1	2 3	3	3	- 1
	Other	1	-	-	-	-	= [	-	-	-	=
168	Injury by animals (except in agriculture and forestry)		! ]					l i			
	WhiteMale	95 64	2	2	2 2	3 -	_ [	11 6	6 5	6	11 7
	Female NegroNale	17 9	2 -	-		3 -		5 -	1 2		5 -
	Female OtherNale	4	-			-	<u>-  </u>	<u>-</u>		_	- i
189	Female	35	_ 19	- :	-		-   -	_ 19	-	- 1	=
	WhiteMale	13	7	-	-	- 1	-	7	- 1	-	
	Fomale NegroMale	12 3	6 2	-	_		-	5 2	_	_	-1
	Female Other	5 1	3 1	-	-		-	3 1			
1.90	Excessive cold	345	10	- 1	-		-	n i	i	ž	5
	White	208 36	3 1	1	-	-	-	3 2	ī	i	1 2
	NegroMale	67		-	- 1	-	-	4 ]		-	ş
	Female OtherMale	26 B	2 -	-	-	-		2 -		1	
191	Excessive heat	2 592	22	5	3	ī	-	31	- 2	- 1	2
	WhiteMala Female	223 87	8 8	1 2	1 1	- 1	-	10 12	2	-	2
	NegroMale Female	61 20	1 2	1	- 1		-	5	-	1	:
	OtherMale	1	-	-	-	-	-	- 1		-	-
192	Female	256	1		2	ĩ	3	7	7	28	35
	WhiteMale Female	166 34		-	ī	-	2 1	2 2	4 2	18 3	20 4
		42 13	1	-	- 1	î	-	1 2	1	4 5	8
	OtherWalc Female	1	_ [		=	=	-	-		-	<u> </u>
193	Accidents due to electric currents (except	- 1	1 1					1			- 1
	lightning)Mole	871. 764	11 8	12 9	5 2	8 3	5 4	41 26	24 20	27 22	55 49
	Female NegroMale	54 49	5	3 -	3 -	5 -	1 -	15	4	5 1	5
	Fomale Other	2 2	[ [			-	2	-		1 -	ī
194	Fomale Poisoning by venomous animals (except in	- 1	↓ -	-	-	-	-	-	-	-	-
	agriculture and forestry)*	40	5	1	3	3	-	12	1	2	-
	White	25 6	- 1	1 -	1	2	-	8 2	1	2	-
	Hegro	4	-	-	ī		- 1	ĩ	-	-	:
	Other	1	1 -	-	-	-	- 1	ī	-	-	
195	Other accidents	6,551	1,019	246	92	52	34	1,443	124	163	151
	White	3,606 2,118	462 340	127 88	53 27	33 12	19	694 478	83 35	123 18	116 17
	NegroMale Female	580 21,0	123 82	17 12	5 6	4 3	5 1	152 104	5 1	19 3	16 2
	OtherMale Female	27 10	8	1	1		=	10	-		
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\*Refer to International List for complete title, table IX.

RACE, AND SEX: UNITED STATES, 1947-Continued

deaths among armed forces overseas)

			overseas				,	T	<del></del>					,				
20 to 24 years	25 to 29 years	30 to 34 years	35 to 39	40 to 44 years	45 to 49	50 to	55 to 59	60 to	65 to	70 to 74	75 to 79	80 to *84	85 to 89	90 to 94	95 to 99	100 and	Not stated	Int. List
years	Agrica	years	, years	years	years	years	years	years	years	years	years	years	years	years	years	over		No.
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156 ) 28	107 14	100	120 11	95 17	88 10	99	77 6	46 4	30 32 2	34 28 3	16 13 -	14 13 1	2	=	-	] [	2 2	184
53 11 3	42 5	34 7	40 6	34 4	20 1	12	12 1	5	3 1	1 5	2 1	-	-	-	:	=	-	
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212° 157 '28	227 155 33	295 224 31	416 284 70	463 322 68	630 454 88	773 531 174	1,001 . 687 237	1,303 770 467	1,871 957 831	2,764 1,066 1,608	3,937 1,408 2,461	4,314 1,450 2,807	3,678 1,126 2,515	1,605 484	361 106 246	56 6	13 6	186
23 2	30 8	29 9	43 16	55 15	71 16	49 15	48 26	34 28	40	· 41 46	27	25 26 30	2,315	1,100 3 12	4 5	35 3 9	5 - 2	
2 - 179	1 192	1 1 253	2 1 374	2 1 431	1 - 589	3 1 734	2 1 965	3 1 1,279	1 2 1,858	1 0 700	2	1	3	4 2	_	1 2	:	
129 26.	127 31	1,90 29	253 68	298 68	423 87	496 175	654 237	748 466	946 831	2,752 1,054 1,608	3,934 1,407 2,459	4,314 1,450 2,607	3,677 1,125 2,515	1,605 484 1,100	361 106 246	56 6 35	13 6 5	186a
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131 118 2	114	124 109	92 85	85 78	<i>7</i> 1 59	55 48	22 20	17 14	·9 8	1 1.	1	-	1	-	-	-	_	193
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.188 131	201 134	205 141	259 185	277 176	297 201	304 221	337 238	325 225	349	404	- 498 193	437	390 397	146	- 36 7	-6	11	195
131 17 26 10 2	134 26 33 6 2	141 25 32 7	259 185 24 43 6	35 56	32 53	41 35	238 54 35 9	225 ·70 24 4	121 13	176 15	285 7	141 282 5	127 254 3	45 95 4	28 -	3 -	. 2	
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TABLE 8.-DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

			T		· · · · · ·				T		<del></del>
Int. List No.	CAUSE OF HEATH, RACE, AND SEX	Total deaths	Under 1 year	) year	2 years	3 years	4 years	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years
	XVIIViolent or accidental deathsCon. Accidental deathsContinued Other accidentsContinued										
195a	Sequelae of preventive immunization, etc.*	10	3 3	-	-	-	-	3 3	2	-	-
	Female NegroMale	3 -	-	-	-	-	-	-	1 -	-	-
	· Female OtherMale	1 -	-	-	-	-	-	-	1 -	- 1	-
195b	Other accidents due to medical or surgical	-	-	_	-	-	-	-	-	-	-
	intervention	48 16	6	1 -	_	2	1	12 6	1	2	-
	Female NegroMale	19 7	1 3	1	-	ī	-	1 5	1 -	1 -	-
	Female OtherMale	5		-	=	-	-	=			[
1,954	Obstruction, suffocation, etc.*	1,299 664	747 349	151 79	51 31	25 15	9	983 479	27 13	9	10
	Female Negro	436 115	262 76	47 15	15	6 2	3	333 96	12 2	-	2
	Female	78 4	55 3	9	3	2	-	69 4	-	1	î
195c,e	Other and unspecified accidents	2 5,194	261	94	41	25	24	2 445	- 94	152	141
1300,0	WhiteMale	2,920 1,660	106	48 41	22	17	13	206 144	70 21	114	110
	NegroFemale	458 126	44 27	1 3	3 3	1	2	51 35	3	19	15
	Other	23 7	5 2	î	1 -	-	-	6 3	-	- '	-
196	Deaths of military personnel during operations of war	_	_	_	_	_	_	_	_	_	_[
	WhiteMale Fomale		-	-		-		-		-	<u>-  </u>
	NegroMalc Female	-	-	-	-	-		<u>-</u>	-	-	-
	OtherMale Female	-		_	] :		-	<u>-                                    </u>			<u>-                                    </u>
197	Deaths of civilians due to operations of war	- <u>-</u> }	<u>-</u>	<u> </u>	ì <u>-</u>	<u> </u>	-	- 1	:	-	] : <u> </u>
	Female NegroMale	-	-	-	-	-	-	-	-	-	<u>-</u>
	Femmule OtherMale	-		_	:		-	-		-	-
198	Female Legal executions	119	-	-	_	-		-	-	-	10
	WhiteMale Female	35	-	_	] =		-		-	-	1
	NegroMele Female	81	-	_	]	-	-	- 1	-	-	-
	OtherMale Female	2	-	-	-	-	-	-	-	-	
	XVIIIIll-defined and unknown causes	18,082	3,851	298	110	64	30	4,353	120	79	126
	WhiteMale Female	7,037 3,627	1,030 822	81 72	28 24	25 12	3 12	1,167 942	38 39	22 18	35 27
	WegroMale Female	3,876 3,124	1,030 849	62 54	28 17	17 6	8 5	1,145 933	18 19	20 15	27 30
	OtherMale Female	222 196	66 54	14 15	5 8	1	2	86 80	4	4	2 7
199	Sudden deathWhite	1,115 511	127 44	8	-	3 1	-	138 47	6 2	6 1	4
	Frankle Wegro	195 226		1 3	_	ĩ -	-	27 29	2	1 1	1
	Female Other Male	169 9	30	2		1	-	33 2	1 -	3 -	-
500	Female	5 16,967	3,724	290	110	- 61	- 30	4,215	114	- 75	1 122
	WhiteMale	6,526 3,432	986 797	79 71	28 24	24 11	3 12	1,120 915	36 37	21 17	32 26
	WegroMale Female	3,650 2,955	1,004 819	59 52	28 17	17 7	8 5	1,116 900	17 18	19 12	26 30
	OtherMale Female	213 191	64 54	14 15	5 8	1	- 2	84 80	2 4	4	2 6
200a	Ill-defined causes	7,958	800 283	123 40	33 10	23 10	1.5 2	994 <b>34</b> 5	44 18	32 9	59 17
	WhiteMale	3,852 1,863	251 132	34 22	11 8	6	7 5	309 173	16 5	. 8 10	16 11
	NegroMale Female	1,269 881	110	18	s	1	i	132	5	5	14
200	OtherNele Female	56 38	17 7 2 924	2 7 167	1 1 .77	- 38	15	15 3,221	70	41	1 63
200ъ,с	Unknown or unspecified causes	9,009 2,674	2,924 703	39 37	19 13	14 5	1 5	775	18 21	12 9	15 10
	Female WegroMale	1,569 2,382	546 872	37 34	20 15	11	3 4	943 768	12	9	15 16
	Temale OtherMale	2,074 157	709 47	12 8	15 4 7	1	- z	64 65	2 4	-	2 5
	Female	153	47		نـــــــــــــــــــــــــــــــــــــ					•	

<sup>\*</sup>Refer to International List for complete title, table IX.

RACE, AND SEX: UNITED STATES, 1948-Continued

deaths among armed forces overseas)

20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 to 79 years	80 to 84 years	B5 to B9 years	90 to 94 years	95 to 99 years	100 and over	Not stated	Int. List No.
														,				
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8 - 2 1	2 - 2 -	4 2 2	2 2	3 5	5 1 2 1	3 2 -	3 1 -	2	1	1 1 -		1	-	. <u>.</u>	-	-		1956
1 10	- - 12	- 13	- - 17	- - 15	1 - - 30	- - 25	30. - 30.	- - 17		- - 22	- 23	10	-	2	1	-	1	1.95 <b>ā</b>
7 2 -	6 5 -	6 4 2 1	12 5 2	11 3 1	16 9 3 2	14 8 2	16 12 2	10 6 1	24 11 1	15 6 2	14 9	6 4	2	2	1	-	î - -	
171 123	167 128	187 133	240 171	259 165	261 183	274 204	304. 221.	306 215	312 188	381 192	475 179	426 135	384 125	144	35 7	- 6	- - 10	195c,e
13 25 7	19 33 5	18 30 6	21. 41. 6	29 55 6	21 49 7	31 33 5	42 33 7.	62 23 4	109 12 2	170 13 5	276 7 13	277 5 8	250 3 4	45 93 4	27 - 1	3 -	3 2 4 1	
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			1	-			-	1	1.1.1.1	1111			-	-	-	-	-	197.
			ı,	- - -		1 1 1	-	-		1111	1111		-	-	1111		-	
35 8	30 7	19 8	15 5	6	1	- 2 1	1			1111			-				- 1 1	198
24	23 -	n	10	2	1	- - 1	1 - -			1 1 1				111	1111	1111	-	
248	270	353	481	- 701.	- 912	1,175	1,210.	1,446	1,673	1,619	1,377	ė93	- 565	- 240	. 84	85 85	72	
79 54- 47 58 6	88 62 50 64 5	117 81 78 67	174 80 107 108 10	272 115 159 141 9	387 121 210 177 7	516 141 290 213	577 154 280 . 183	707 221 268 228 12	773 330 330 214 18	778 359 274 187 15	617 349 236 154 12	359 247 161 110 9	215 184 75 79 5	67 70 42 55	13 17 19 32 2	4 6 24 48 1	34 10 16 9 2	
19 5 5	3	6 25 5	26 10	5 46 14	10 79 41	108 47	9 120 62	100 55	8 133 69	200 54	9 97 47	7 52 29	7 24 14	5 7 3	2	3 -	1 2 -	199
5 7 2	5 4 6	7 4 5	3 7 5	5 12 12 2	7 16 14	8 51 22	13 27 17 1	17 16 12	19 26 17 1	25 13 7 1	27 18 5	13 7 3	- 8 8	2 2 -	1	, 2	2	
229 74 49	250 83 57	330 112	455 164 77	1 655 258 110	1 833 346 114	1,067 469 . 133	1,090 515 141	1,346 652 204	1,540 704 311	1,519 724 334 261	1,280 570 322 218	841 330 234	541 201 176	233 64 68	- 82 13 17	- 82 4 6	70 34 10	200
40 56 6	- 46 -58 3	74 74 62 3	100 103 9	147 129 7	194 163 7	259 191 9	253 166 6	252 216 12 10	304 197 17	140	218 149 12 9	154 107 9 7	73 79 5	40 55 1 5	18 31 2 · 1	23 46 1 2	16 7 2 1	
91 30 22	3 118 41 26	5. 152 48 38	2 236 86 42	4 354 162 54	9 1464 204 72	6 620 309 73	9 628 333 84	811 454 141	7 867 479 204	6 870 494 223	725 403 210	449 225 155	283 135 110	89 34 40	27 10 10	20 4 4	25 12 6	200a
18 20	26 23 . 26 . 2	38 30 35 1	· 64 41 2	· 78 56 3	103 81 1 3	135 100 2 1	137 70 2 2	119 87 6 4	122 55 4 3	90 56 6	6B 39 5 -	46 21. - 2	15 19 2 2	9 5 1	2 5 -	. <del>1</del> 8 -	6 1 -	
138 44 27 22	132 42 31 23	178 64 36	219 78 35 36 62 7	301. 96	369	447 160 60 124	462 182 57	535 1 198 63 133	673 225 107 182	649 230 111 171	555 167 112 150	392 105 79 108	258 66 66 58	144 30 28 31 50 1	55 3 7 16	62 2 19	45 22 4 10	200b,c
36 5 4	42 31 23 32 1 3	44 27 5 4	62 7	69 73 4 3	42 91 82 6 6	91 7 5	96 4 7	129 6 6	142 13 4	124 8 5	110 7 9	86 9 5	. 60 3 5	50 1 4	26 2 1	38 1 2	6 2 1	

Table 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948

UNITIZED STATES.  \$ 3,535,660 \$ 2,215,614 339,454 \$ 1,250,566 \$ 09,000 \$ 1,651 \$ 1,961 \$ 685 \$ 1,584 \$ 387 \$ 1,482 \$ 1,894 \$ 1,994 \$ 1,000 \$ 5,400 \$ 1																		
STAIN OF COLUMNIAN   President   Preside				}					BIRTES	TO NOME	SIDENT	ļì						
Distance   Test   Tes	STATE OF OCCURRENCE	births	to residents		Intra-					Inte	rstate	nonresi	ldents	•				
The column   Column	STATE OF OCCUMENOS	in	in place of	Total	state non-	Wotel					Stat	e of re	siden	e		,		,
No.   No.			1 esidencs		robinoma	10001	Ala.	Ariz.	Ark.	Calif.	Colo.	Comn.	Del.	D. C.	Fla.	Ga.	Idaho	m.
Act-nume	UNITED STATES	3,535,068	2,215,614	1,319,454	1,230,366	89,088	1,861	304	1,561	1,861	683	1,584	327	1,424	1,284	1,964	1,020	5,555
Arkangas			60,576 12,097	24,108 7,719		1,173 925	10				17		ī					18 36
Commerciation	Arkeness	48,136	32,972	15,164	13,503						- 49		ž	9			1.9	20 91
Delevers								-		3		6	-	3 -	7			45 5
	DelawareDistrict of Columbia				3,067		ī				-			.,.		3	=	1.3
Illinoids	Georgia	92,533	62,638	29,895	28,092	1,803	742	-	2	15	2		-		333		-	97 11
Signature   Sign	Illinois		8,383 115,851	7,253 65,383	6,729 63,465							3	-	5	7	6		3
Entitucky	Iova	61,513	31,964	29,549	27,115	2,454	2	6	3	11		-	-			2	-	1,566 925
Maineachusetta	Kentucky	41,867 77,192	25,086 56,080	16,781 21,112	14,811			2					ī	4			-	126
Machingan	Maine	21,698	13,282	8,416	8,113	303	1		1	4	1			2	5	î	-	6 2 35
Minorinority   1,468   44,392   28,273   26,471   1,468   264   1   50   20   5   5   1   3   55   55   2   2   2   2   2   2   2	Massachusetts	297,966	58,167	39,799	37,745	2,054		1	-	10	-	536		5	3	2		В
Mineouri	Minnesote	72,665	44,392	28,273	26,471	1,802		5	l -	6	5	1	-	l -	4	-	- 2	44 31 37
Nebrasks	Missouri	86,983	53,924	33,059	28,734	4,325		7	196	24	24	1					Z	1,427
New Hampshire	Nebraska	31,079	19,076	12,003	10,907	1,096			7	23	41.		ī	2		-	4	2 13 3
New Mexico   20,552	New Hampshire	12,783	7,932	4,851	3,641	1,210	-		-	-	-		-	t	1	-	-	1
Rorth Carolina	New Mexico	20,632	14,787	5,845	4,817	1.028				84		7	1	2	9			20 22
Ohio	North Carolina	109,605	68,692	40,913	38,989	1,924	25	S	11	33	2				34	118	-	48
Oregon     35,100     19,691     15,489     14,313     1,176     -     3     1     228     2     5     -     -     -     324       Permsylvania     227,366     127,031     100,335     96,318     4,017     2     2     3     19     5     26     92     28     19     7     2       Rhode Ioland     17,202     9,277     7,925     6,614     1,111     3     2     5     19     1     276     1     1     11     4     -       South Carolina     58,124     41,633     16,491     15,126     1,365     41     2     14     19     4     4     1     7     55     221     2       South Dekota     16,344     9,161     7,183     6,255     928     2     -     1     2     3     -     -     -     2     2     1       Temasnee     84,153     56,794     27,359     23,226     4,133     266     3     651     75     8     8     3     18     81     701     1       Texas     196,347     148,652     47,695     46,174     1,521     4     16     176     28     19 <td< td=""><td>Ohio</td><td>166,111</td><td>114,506</td><td>71,605</td><td>68,132</td><td>3,473</td><td>9</td><td>3</td><td>3</td><td>15</td><td>1</td><td></td><td></td><td>4 A</td><td>18</td><td>9</td><td>1</td><td>4 32 41</td></td<>	Ohio	166,111	114,506	71,605	68,132	3,473	9	3	3	15	1			4 A	18	9	1	4 32 41
Rhode Talmd         17,202         9,277         7,925         6,614         1,111         3         2         5         19         1         276         1         1         11         4         -           South Carolina         58,124         41,633         16,491         15,126         1,365         41         2         14         19         4         4         1         7         55         221         2           Temmessee         16,344         9,161         7,185         6,255         926         2         -         1         2         5         -         -         2         2         1           Temmessee         84,153         56,794         27,359         23,226         4,133         266         3         631         73         8         8         3         18         81         701         1           Texas         196,347         148,552         47,695         46,174         1,521         4         16         176         28         19         1         -         1         6         5         5           Texas         20,969         12,365         8,606         8,091         525         -	Oregon	35,180	19,691	15,489	14,313	1,176	-	3	1	855	s	3	-	-	-	-	324	3 18
Bouth Dekrota     16,344     9,161     7,183     6,255     928     2     -     1     2     3     -     -     2     2     1       Temmessee     84,153     56,794     27,359     23,226     4,133     266     3     631     75     8     8     3     18     81     701     1       Texas     196,347     148,652     47,695     46,174     1,521     4     16     176     28     19     1     -     1     6     5     3       Utch     20,963     12,363     8,606     8,081     525     -     36     2     24     62     -     1     -     -     16     5     3       Vermont     9,080     4,852     4,154     3,757     397     -     -     1     -     14     -     -     1     -	Rhode Island	17,202	9,277	7,925	6,814	1,111	3	2	5	19	l l	276	1	1	11	4	-	9 28
Tezza	South Dakota	16,344	9,161	7,183	6,255	928	2	-	1	s	3	-	-	-	s	2	1	4
Vormont     9,008     4,852     4,154     3,757     397     -     -     1     -     14     -     -     1       Virginia     79,260     50,233     29,027     25,507     3,520     45     1     18     71     7     25     7     122     69     58     5       Weshington     57,004     34,413     22,591     20,251     2,340     11     10     26     209     36     9     4     5     14     14     394	Texas	196,347	148,652	47,695	46,174	1,521	4	16	178	28	19		- -	1			3	70 18 3
Washington	Vermont	9,006	4,852	4,154	3,757	397	-	-	-	1	-		-	-		-	-	-
	Virginia												7 4 1					86 47 7
Wisconsin	Wisconsin	80,925	44,693	56,232	34,988	1,244	2	3	-	11	1	_	-	-	3	2	22	474 14

<sup>15</sup>ee discussion in text for definition of nonresident.

\*Excludes 2,381 births which occurred in the city of Lynn; all of these births were to residents of Massachusetts. Statistical transcriptsfor these births were received at the National Office of Vital Statistics after tabulations were completed.

TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

•								BIRTES	enon or	esidem	S <sup>1</sup> —Cor	rt1mmed						<del></del>	
STATE OF OCCURRENCE								Interst	ate non	residen	ts-Cor	rtinued			_				
STATE OF OCCURRENCE							-	Stat	e of re	sidence	Conti	nued							
	Ind.	Іона	Kans.	Ky.	La.	Maine	Md.	Инва.	Mich.	Mim.	Miss.	Mo.	Mont.	Nebr.	Nev.	N. H.	n. J.	N. Mex.	W. Y.
UNITED STATES	2,251	1,496	2,817	2,242	926	676	5,431	1,477	1,737	1,917	1,048	2,600	469	1,193	142	850	4,044	915	2,783
ArizonaArizona	2 16 6 36	1 15 1 53	3 12 8 44	11 6 2 15	19 6 39 53	1 1 - 6	4 1 - 22	1 13 - 44	16 19 16 47	5 8 1 50	83 9 15 16	7 21 340 66	3 - 18	2 8 1 43	13 - 42	2	4 10 1 31	196 3 34	20 29 3 81
Colorado	11 3 - 1	44 1 - 3	101. - - 2	11 - 2	12 - - 4	4 4 - 1	3 4 145 4,043	16 95 - 2	34 3 6	32 1 1 6	5 1 - 5	. 29 - 1	14 - - -	127 2 - 2	1 - -	1 6 - 1	6 13 135 2	108	28 328 9 16
Florida	65 2 2 634	34 1 3 134	30 3 3 13	32 4 - 69	51. 2 - 4	14 - -	33 6 - 1	101 3 - 7	59 8 2 74	28 2 2 22	50 12 3	37 4 3 461	4 - 32 3	19 1 1 2	2 1 9 1	11. - 1	63 10 - 4	3 4 - 2	153 23 2 2 23
Indiana	13 9 436	24 6	5 4  15	214 1 9	2 30 9	- - 3 2	1 5 14	2 1 2 13	295 8 13 49	3 181 22 17	2 2 5 10	1 354 810 28	î z 1	457 101 7	1 3 -	- - 2	2 9 11	 2	3 5 29 41
Louisiana	6 21 21	5 2 10 1	2 2 14	12 12	2 14 2	1 12 74	2  6	2 62 28	1 6 22 7	- 22 1	166 2 8 -	4 1 16 3	1 - 1 ~	1 2 6 	- 2 -	104 3 433	6 42 18	ì	6 23 79 214
Minesota	303 3 19 28	3 209 8 226	3 10 1,868	6 4 18 .10	1 416 5	- 2 1	1 1 2	3 8 2	9 16 30	5 9 39	2 2  5	5 1 29	11 5	1 6 7 50	2 - 1	1 1 1	4 3 9 5	1 2 12	24 10 25 34
Moutana	3	1 319 - -	308 1	2	1 2	- 473	1	1 1 129	13 2 1	14 20 1	1 2 -	1 22 1 2	1 1	1  1	- - -	- - -	. 5 . 5	- 2	. 1 . 15
New Jersey	2 12 13 22	- 17 5 8	19 3 7	- 5 4 14	12 7 15	9 3 3	11 2 13 26	12 11 65 38	23 26 24	10 4 15	1 5 2 18	29 7 18	ī ī	12 5 3	1	3 1 8 4	1,444 27	3 1	418 21 96
North Dakota	1 405 20 1	3 8 16 2	16 223 2	771 15 1	- 22 1	1 2 -	. 1 . 1	9 18 -	1 507 23 4	739 10 12 4	1 5 . 15	1 9 53 1	199 1 3 7	2 11 2	 2 1 1	4	- 13 15 1	1 22	35 57 2
Pennsylvania  Rhode Teland  South Carolina  South Dakota	14 6 14 1	2 6 3 125	- 1 6 -	9 3 14 1	3 19 1	2 8 4 1	666 . 5 18	14 572 21 3	15 4 17 3	81 6 9	2 2 17 1	6 5 9 5	2 1 31	2 3 2 205	1 - -	7 2 2	1,999 14 21 3	3 2 3 1	453 44 43 4
Tennessee	35 7 7	17 7 1	16 12 7	398 - - -	27 113	5 - 6	15 1 1	50 2 3 50	81 7 4 1	12 5 2	523 5 -	95 11 1 -	2 5	6 1 4 ~	2 1 46 -	239	13 3 2 2	484 5	66 13 2 80
Virginia Washington West Virginia Wisconsin Wyoming	40 13 5 7 5	24 27 3 106 8	19 23 - 3 8	83 7 463 - 3	22 16 6 1 7	17 5 - 3 -	112 3 236 1 7	71 17 3 -	55 29 12 121 6	44 53 406 6	25 5 11 4	40 41 2 9 11	3 63 1 48	16 23 - 7 40	8 - 1 -	7 1 -	67 5 4 2 6	- 4 3 1 1 4	142 55 4 11 7

<sup>&</sup>lt;sup>1</sup>See discussion in text for definition of nonresident. 891563 O-50---15

TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

		·					BIR	TES TO	NONREGI	DENTS1-	-Continu	ed.							
							Int	erstate	nonres	idents-	-Continu	ıed							Total births
STATE OF OCCURRENCE						<del></del>		State o	f resid	ence—C	ontinued	ı.		•	• • •				to resi- dents
	N. C.	и. Dak.	Ohio	Okla.	Oreg.	Pa.	R. I.	s. c.	s. Dak.	Tenn.	Tex.	Utah	۷t.	Va.	Wash.	W. Va.	Wie.	Wyo.	
UNITED STATES	1,749	957	3,715	2,067	1,202	3,878	770	1,000	989	2,107	2,924	270	760	6,317	1,169	2,256	1,949	587	3,535,068
AlabamaArizonaArkansasCalifornia	14 3 1 23	- 3 2 14	13 27 7 73	3 29 526 119	3 5 2 95	16 21 6 78	2 1 - 11	7 3 3 16	2 2 - 16	177 6 31 22	22 89 582 157	5 10 1 22	1 4 7	4 4 1 31	1 9 - 71	5 2 - 15	5 10 1 45	1 3 1 19	85,372 19,195 48,036 240,702
Colorado	8 4 2 13	8 -	21 5 1 7	32 2 - 2	11 6 -	26 7 180 33	26 ~ 3	4 1 1 6	11	18 - 3	100 2 1 5	44 - - 1	2 4 - 1	6 5 3 3,872	18 1 - 1	7 - - 8	29 1 1 2	91 - - -	33,010 42,229 7,254 20,815
Florida	79 109 3 6	3 - 1 1	81 11 - 38	20 2 2 3	9 1 95 1	144 11 1 13	22 2 -	64 340	7 1 - 5	65 94 2 10	88 14 3 13	3 47 2	7 - - -	65 13 1 3	41 2 262 3	36 4 -	38 2 2 2 283	2 1 14 1	59,600 92,694 16,132 184,871
Indiana Iova Kansas Xentucky	2 4 8 16	- 2 2 5	472 7 32 479	6 3 417 22	- 4 9 3	8 1 13 48	- 4 4	- 7 5	233 9 3	7 17 10 447	41 10 69 33	1 1 7 1	1 1 3	2 8 121	- 3 7 3	1 2 1 128	3 148 19 20	3 2	92,529 60,575 42,714 77,176
Louisiana	4 4 40 1	1	2 6 45 7	4 1 9 1	1 1 8 1	1 12 364 14	- 6 11 607	3 2 17	- 4 2	3 - 18 2	287 2 26 3	- 5 -	5 70	1 1 565 12	2 2 15 2	1 333	3 2 12 4	2	73,312 22,071 53,423 297,389
Michigen	2 2 29 10	2 512 -	118 8 21 24	2 2 18 114	3 2 4	10 3 18 21	1 1 -	2 7 5	1 320 2 4	4 2 197 21	64 28 91 56	1 3 4	- - -	4 - 5 5	5 7 3 4	3 1 8 3	522 589 13 20	- 3 2 6	154,730 72,780 65,303 85,258
Montana	- 2 -	82 1 - -	5 3 1	2 7 3 -	8 7 4	- 4 1 4	- 2	- 1 - 	9 141 - -	2 3	11 19 2 -	2 1 17	- - 561	1 3 - -	22 4 2 -	- 1	1 6 -	30 89 -	15,035 31,176 3,694 12,423
New Mexico	4 7 22	- 4 2 1	2 24 41 50	1 77 4 7	11	664 20 1,086 84	2 2 21 4	3 1 8 389	- 4 1 3	1 5 10 103	1 289 14 29	11 - 3	1 3 74 2	4 4 22 547	3 4 5	1 4 5 15	1 9 4 1.8	3	97,580 20,519 301,966 109,430
North DakotaOhioOklahogaOregon	2 10 7 1	 2 2 1	1  54 3	1 10  5	12	372 39	2 2 1	- 2 9 4	152 - - 5 2	15 19 1	21 36 375 3	- 2 7 2	- 3	1 15 13 1	7 1 11 557	1,096 7	7 4 9 -	1 3 9 1	16,584 186,353 50,386 35,206
Pennsylvania	9 13 520 1	1 1 4 247	426 7 32 3	3 3 8 3	1 - 7 1	30 38 3	5  2	11 4 	- 1 3	8 2 34 2	15 6 45 9	1 1 2 2	1 - 1 -	31 7 31 3	4 3 4 1	75 1 10	7 6 8 6	162	227,227 16,861 57,759 16,405
Tennessee	199 2 1	2 1 -	73 11 - -	29 495 3	3 3 6 -	34 7 1 2	5 - - 2	21 3 - -	3 8 1 -	12	56  4	4 1 	-	453 11 3	15 4 9	11 1 -	14 5 1	2 4 112 -	82,127 197,750 20,714 9,369
Virginia	544 13 3 - 3	8 27 - 3 7	64 24 1,371 4 10	23 31 1 12	13 850 1 1 3	172 37 213 6 12	15 4  -	42 9 - -	5 10 - 3 16	701 24 4 1 2	92 66 2 25 21	12 16 1 - 27	4 3 - - 1	9 423 1 2	33  3 15	452 5  9 3	31 29 2	3 11 1 2	82,057 55,833 52,396 81,630 7,418

<sup>18</sup>ee discussion in text for definition of nonresident.

### GENERAL TABLES-STILLBIRTHS

## Table 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

							sı	ilber	ns to no	WESIDE	nts <sup>1</sup>				-		
	Totel still- births	Still- births to residents							Inte	rstate	nonresi	dents.				•	•
STATE OF CCCURRENCE	occurring in State	occurring in place of	Total	Intra- state non-						Stat	e of re	sidenc	:e				
	Duate	residence		residents	Total	Ala.	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D. C.	Fla.	Ge.	Idaho	m.
UNITED STATES	72,788	48,473	24,315	22,643	1,672	44	1	41	25	10	22	. 7	23	35	38	10	113
AlabamaArizonaArizonaCalifornia	2,274 349 927 3,877	1,661 233 586 2,166	613 116 341 1,711	587 103 292 1,668	26 13 49 43		::-		1 2	- - -	- 1 -	- - -	-	9 -	8 -	1111	- 1 1
Colorado	561 595 164 562	372 391 86 415	189 204 78 147	172 195 65	17 9 13 147	171	1 - -		- - - -	•••	- -		-	1 - -	1	1111	; -
Florida	1,476 2,437 226 3,203	1,047 1,770 106 2,225	429 667 120 978	398 614 109 946	31 53 11 32	3 16 - -	- - -	- - 1	1 - - -	- - - 1	1 - -	-	= =	ü ī	 	::	
IndianaIGVAKungasKentucky	1,528 920 676 1,462	957 477 410 1,021	571 443 266 441	526 397 236 393	45 46 30 48	=	=		=======================================	- - -	-		- - -	- - 2	-	111	25 13 - 2
Louisiana	1,869 365 1,149 1,854	1,197 239 845 1,174	672 126 304 680	649 121 253 645	23 5 51 35	-	- - -	5 - 1 -	i i	- - -	- - 6	- 3 -	14	2	- - -		. <u>.</u>
Michigan Mimesota Nississippi Missouri	3,076 1,288 1,997 1,822	1,834 809 1,553 1,222	1,242 479 444 600	1,219 451 411 518	23 28 33 62	- 9 1	- - -	1 - 3	- - -	-	=	-	=	- - -	- - -	1111	3 1 - 43
Montana Nebraska Hevada New Hampshire	231 524 76 . 242	163 314 51 163	68 210 25 79	64 191 17 57	4 19 8 22	-	-	1111	7	- 4 - -	- - -	- - -	=======================================	-	-	-	. 1 - -
New York North Carolina	1,876 416 7,625 2,660	955 271 6,030 1,715	921 145 1,595 945	900 125 1,520 903	21 20 75 42	ī -	- - -	ī - -	1 2 -	2 -	n	-		- 2 -	- - 4	111	1 1 -
North Dakota Ohio Oklahowa Oregon	236 3,717 911 522	131 2,440 582 297	105 1,277 329 225	90, 1,206 314 207	15 · 71 15 18	2 1 -	-	1 22 1	- 1 4	=	=	-	=	- - -	-	4	2 -
Pennsylvania	4,579 284 1,635 217	2,648 152 1,158 129	1,931 132 477 88	1,967 123 450 76	64 9 27 12	- 2 -	- - -	1 1 -	- - -	- - -	. 1	4 - -	1 - - -	- 1 -	- 4	1 1 1	- - -
Temessee	1,818 4,390 301 166	1,208 3,456 184 88	610 934 117 78	509 893 107 71	101 41 10 7	, -	- - -	21 - -	1 1 -	- - -	- - -	- - -	3 - - -	2	13 1 -	5	3 1 -
Virginia- Washington- West Virginia- Wisconsin- Wyoming-	2,089 789 1,343 1,359 125	1,406 511 812 729 84	683 278 531 630 41	619 256 476 602 32	64 22 55 28 9	3 -	- - - -	2 -	3  	1 - - 2	- - - -	- - - -	3 1 - - -	- - - -	3	1 - -	 10 1

<sup>\*</sup>See discussion in text for definition of monresident.

## Table 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE UNITED STATES AND EACH STATE, 1948—Continued

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

							sı	TLLBIRT	es to k	ONNESIE	ents <sup>1</sup> —	Continu							
								Interst	ate nor	resider	tsCor	tinued						_	
STATE OF OCCURRENCE								Stat	e of re	61dence	Conti	nued							
	Ind.	Iowa	Kans.	Ky.	La.	Maine	Må.	Масе.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	n. H.	и. J.	N. Mex.	N. T.
United States	32	24	36	49	26	7	106	18	37	31	27	43	9	18	4	12	52	29	53
AlabamaArizona	:	- - 1	- 1 1	-	1 - -	-	1	1 -	1 - - 4	- - - 2	2 - 2 1	- 10 -	- - -	1 - -	3	- - -	-	5	1 1 - 1
Colorado	- - -	- - -	2 - -	-	- 2	-	- 4 74	- - -	-	- - -	- - -	1	- - -	3	- - -	- - -	- - 1	1	7 -
Florida Georgia Georgia Georgia Geho	1 - - 8	- - 1	- - 1	- - 1	1 - -	- - -	1 - - -	1 - -	1 - - 2	1	ī	- 1 - 5	1 - 5 -	1	- - - -	1	1	ĩ -	2 2
IndianaIndiana	1 - 8	2 1	1 	3 - -	-	- - -	1 - - -	-	1	2 5 -	- - 1	1 8 15 -	- - -	10 -	- - -	- - -	-	- - -	-
Louisiana Maine	- - -	-	-	-	-	- i - · · ·	-	3	- 1 -	- -	8 - - -	-	- - -	-	-	- 2 - 6	1	-	- 1 6
Michigan	5 - - -	1 1 2	22		- 17 -	-	- - -	:	 - 1		-  	-	- - -	-	-	- -	1	-	-
Montana Nebraska Nevada Nev Hampahire	- - -	6	3			- 6	- - -	- - 5	1 1 1	1	-	- - -		 -		-	-		
New Jersey	- - -	1 - -	-			- 1	2 -	2 -	- 1 1	-	- - - -	- - - -	- ' - '	-	- - -	- -	15	 - -	 1
North Dekota	- 6 -	-	- 2 -	17 1	1 - -	-	1 1 -	-	12 2 -	11	- - -	- - -	1 - - -		-	- - -	-	1 1	2 -
Pennsylvania  Rhode Island  South Carolina  South Bakota	1 1 -	ī	-	1 - - -	- 1 -	-	11 - -	5	1 - -	- - -	- - - -	- - - -	- - -	- - 1	- - - -		26 - -	- - -	12 1 1 -
Temassee			1 - 2	1.3 - -	3	-	-	- - -	2 - - -	- 1 1	12	- - - 2	- - -	-	1	- -	1 - -	19	1 - - 3
Virginia	1 - -	1 - - 5 1	-	10	-	- - - -	2 - 6 - -	- - - -	1 - 2 -	7	- - - - -	-	- - - 2	- 1 - 1		1 - -	3 1 -	- - -	2 - - -

<sup>&</sup>lt;sup>1</sup>See discussion in text for definition of nonresident.

## Table 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE UNITED STATES AND EACH STATE, 1948—Continued

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

(Includes onl	<u>-</u>				-						S <sup>1</sup> —Con	<del></del>			<del></del> :	<del></del>			<del></del>
							I		e nome	sidents		nued		<u> </u>					Total still- births
STATE OF OCCURRENCE					-	-	<del></del>	State of	resid	lenceC	ontinue			<u> </u>					to resi/-
	N. C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	B. I.	s. c.	S. Dak.	Tenn.	Tex.	Uteh	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	dents
United States	36	16	72	52	23	74	17	23	13	36	63	7	16	125	19	56	34	6	72,799
ArizonaArizona	- - -		1	2 15 1	6	- - 4	. <u>-</u> -	, <u>.</u> -	- - 1	1 1 4	'3 1 13 1	1	-	1	2		-		2,292 337 919 3,859
Connecticut	- - 1		1 - - -	-	- - -	7	-	- - - -	-	-	2 - 1	2 -	1 - - -	- - 67	1	1		2 -	554 608 158 438
Floride	- -	=	2 - - 1	2 -	- 1 -	1	=	1 13 -	1 - -	5 - -	1	- 1	-	1 - - -	· -		1 - 8	-	1,480 2,422 225 - 3,284
Indiana	- - -,	-	7 - 8	13 1	- - -	1 1 - -	- - -	- - -	ī. - -	ъ г	- 2 - 2		1	- - 6	- - -	. s	5		1,515 898 682 1,463
Louisiena	1	-	= =	=	-	- 3 -	16	-		1	9	-	1	10	-	. n	-	1111	1,872 367 1,204 1,837
Michigan Minnesota Mississippi Missouri	=	9	6 - 1	- 2	- - -	- - 1	ī	-	1 4 -	- 4 1	2 1 -	-		ī	1 - -		11 - -	1111	3,090 1,291 1,991 1,783
Montana	-	1		. ī	- - -	1 1 1	- - -	-	1 2 -	-	2 - -	- 1 -	n	-	-	111	-		236 523 72 232
New Jersey	ī 	i -	2 -	i -	î -	11 1 31 1	-	- - 9	-	2	7 1 1,	-	2	- 1 18	- - 1	- 1 1 -	- - 1	1111	1,907 425 7,603 2,654
North Dakota	-	-	 ī			- 6 + -	-	111	8,111	-	1 1 5	- - -	-	-	9	21	-	- - -	237 3,718 948 527
Pennsylvania	- 15 -	6	7 - - -	- - -	- 1 	1	 - -	-	-	- - -	ī	- - - -	-	-		- 1 -	-	- - 3	4,589 292 1,631 218
Temposee	8	-	2 1	1 13 - -		- - -			7 - 1 - 1		1  -	- - -	-	9 - -	1 1 1	1 - - -	- - -	2	1,753 4,412 298 175
Virginia— Washington— West Virginia— Wisconatin— Wyoming—	8 - - -	-	3 26 1		14	3 1	- - - -	-	- - - -	8 - - -	- - 2 1	ī - -	1 - - - -	 10 - -	1 	12 - 1 -	2	-	2,150 786 1,344 1,365 124

<sup>&</sup>lt;sup>1</sup>See discussion in text for definition of nonresident.

## Table 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

			<u> </u>	<del>,</del>				DEATHS	OF NONRE	SIDENIS	1						
STATE OF OCCURRENCE	Total deaths occurring	Deaths of residents occurring		Intra-					Inte	rstate	nonresi	dents					
Sarah of Sociality	in State	in place of	Total	state non-	Total					Stat	e of re	sidenc	e				
		residence		residents	TOTAL	Ala.	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	ъ. с.	Fla.	Ga.	Ideho	11.1.
UNITED STATES	1,444,337	1,174,858	269,495	230,521	38,964	731	262	850	1,161	353	580	125	811	859	748	379	2,857
AlabamaArizonaArizonaArkamsas	26,356 7,122 14,954 99,320	21,481 5,465 12,029 78,253	4,875 1,657 2,925 21,067	4,408 859 2,345 19,491	467 798 560 1,576	 4 5 7	106	2 14  22	2 113 17	1 24 3 50	1 6 2 10	1 - 1	1 - 1 9	108 9 4 10	8 2 2 116	- 8 1 29	16 72 18 119
Colorado	12,824 19,419 3,466 8,388	10,354 16,079 2,803 7,386	2,470 3,340 663 1,002	1,875 2,910 479	595 430 164 1,002	2 4 - 6	5 - -	6 2 2 2	43 2 - 4	 1 3	3 4 2	 3	 5 5 5	4 11 3 4	3 1 2 12	3 - - -	32 1 1 6
Florida	25,881 29,584 4,783 89,908	19,624 24,024 3,832 75,250	6,257 5,560 951 14,658	4,284 4,754 695 13,221	1,973 806 256 1,437	80 215 - 3	1 - 2 8	1 3 - 10	20 4 18 50	2 - 9 7	4.2 6 - 4	2 -	24 5 - 7	204 - 16	186	1 	150 10 1
Indiana	39,372 26,150 18,648 27,753	32,013 20,400 15,232 22,703	7,359 5,750 3,416 5,048	6,327 4,883 2,518 4,293	1,032 867 898 755	5 1 2 5	4 1 7 3	5 3 19 6	10 20 24 3	2 9 40 3	1 - -	- - 1	1 1 -	10 2 12	1	1 4 -	407 291 21 58
Louisiana	23,894 9,981 22,904 52,712	18,699 7,778 18,380 45,391	5,195 2,203 4,524 7,321	4,536 1,936 3,139 6,319	659 287 1,385 1,002	31 7 1	- 1 - -	78 2 1	10 10 16	1 1 1	18 18 13 149	- 37 1	1 2 533 12	26 3 31 19	5 1 16 2	-	16 3 12 6
Michigan Minnesota Mississippi Missouri	56,551 27,858 20,043 42,892	46,541 21,654 16,649 35,432	10,010 6,204 3,394 7,460	9,223 5,029 2,965 5,890	787 1,175 429 1,570	3 116 3	2 4 1 6	8 6 22 86	20 34 3 45	3 6 - 13	1 1 1	1 1 1	2 1 3	18 11 7 4	5 7 5	- 2 - 4	143 82 17 644
Montena	5,849 12,541 1,680 6,197	4,634 10,117 1,304 5,092	1,215 2,424 376 1,105	1,004 1,988 191 709	211 436 185 396	1 - 1	1 1 6 -	2 1 1	13 13 13	3 16 4 -	- - 6	1 1 1	- - 3	- - 4	-	11 7 5	5 10 4 1
New Jersey	47,512 5,711 157,766 30,147	36,357 4,292 137,313 23,493	11,155 1,419 20,453 6,654	9,801 888 18,373 5,965	1,354 531 2,080 689	3 3 9 13	- 54 2 1	1 6 3 2	13 60 38 3	- 51 1	19 3 193 4	14 4	8 - 20 12	36 2 65 66	8 2 15 52	3	8 22 35 5
Worth Dakota	5,045 80,566 18,591 14,191	3,650 68,317 15,223 12,036	1,395 12,249 3,368 2,155	1,130 10,831 2,946 1,617	265 1,418 422 538	5 1 -	- 3 1	- 4 40 -	3 26 23 115	2 7 5	4	2 -	6	33 2 -	- 6 1 1	2 1 70	4 46 14 12
Pennaylvanie	108,888 8,125 17,917 5,711	85,632 6,592 13,785 4,186	23,256 1,533 4,132 1,525	21,469 1,294 3,744 1,252	1,787 239 388 273	4 - 5 -	2	2 1 - 1	21 2 1 5	2	12 50 2	51	25 - 5 1	28 2 15 1	5 1 77 -	- - 4	31 2 4 9
Tennessee	29,774 64,077 5,193 4,045	23,861 53,173 3,918 3,083	5;913 10,904 1,275 962	4,254 9,925 992 771	1,659 979 283 191	155 17 2	19 11 -	405 72 2 -	10 65 40	1 8 18 -	4 2 - 10	- - -	3 4 - 1	36 7 1 6	155 7 -	- 1 76 -	36 37 7 -
Virginia Washington West Virginia Wisconsin Wroming	28,907 22,294 17,751 32,703 2,393	23,307 18,871 13,284 23,924 1,954	5,600 3,423 4,467 8,779 439	4,555 2,787 3,560 7,891 205	1,045 636 907 888 234	4 - 1 3 3	1 1 - 2 5	1 4 2 - 1	9 76 2 12 24	1 5 - 3 42	5 1 - - -	7	89 1 20 -	21 1 5 8 1	10 3 3 3	138 - 1 5	13 21 5 392 8

<sup>&</sup>lt;sup>1</sup>See discussion in text for definition of nonresident.

## GENERAL TABLES-TOTAL DEATHS

## Table 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

				-				DEATHS	OF NORR	swin	S¹ —Con	tinued							
				•			:	Interst	ate non	residen	ts—Con	timed			···			,	
STATE OF OCCURRENCE								Stat	of ro	sidence	-Cont1	nued							-
	Ind.	Iowa	Kens.	Ky.	La.	Haine	Mã.	Mass.	итсъ.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	и. н.	N. J.	N. Mex.	N. Y.
UNITED STATES	1,204	781.	803	1,052	326	244	921	901	1,022	73.7	682	1,430	246	510	129	371	1,918	429	2,556
AlabamaArizona	3 16 7 25	2 18 6 48	13 18 45	10 5 6 9	11 6 22 17	1 1 1 6	3 - 5	1 8 - 18	14 33 8 51	19 3 43	69 5 13 6	7 21 117 56	- 8 - 24	1 5 4 38	- 3 - 83	-	1 8 2 19	- 116 1 28	6 36 10 99
Colorado	2 1 1 3	17 - - 2	72 - - -	2 - 1 6	2 1 2	14	5 57 446	3 92 - 3	4 1 1 5	3	1	27 1 - 4	 1	78 - - -	· 2	- 5 - -	1 17 27 6	64 - - 1	17 220 11 30
Florida	60 5 1 396	10 1 95	2 4 16	27 6 - 69	7 6 - 8	16 1 - 1	35 3 - -	96 5 - 7	130 11 2 111	9 3 1 30	9 6 - 6	21 1 2 227	1 15 3	1 2 5 13	2	8 - - 1	106 4 - 7	4 3	415 16 3 39
Indiana	14 6 195	10 14 2	17  3	142 - 4	1 1 1	-	2 - 2	3 5 6	121 7 8 18	62 2 2	3 2 1 5	14 117 478 2	1 1 -	145 44 2	1	- - -	5 3 -	1 1 5 2	21 6 3 5
Louisiana	2 1 4 5	2 - 1 1	4 - 4 2	4 - 8 4	1 6 -	4 304	2 1 	5 81 8	5 1 4 6	2	193 2 1	10 - 4 3	1	1 1 3	-	71 170	2 30 31 30	1 - 1	11 31 79 147
Michigan————————————————————————————————————	96 21 · 5 26	5 190 3 72	4 19 2 345	13 3 18	1 3 118 4	ī -	6 - 1 1	6 3 1 5	36 1 13	17  1 8	1 3  8	14 18 3	29 1 7	5 28 - 24	-	ī	6 5 1 6	2 - 3	4
Montans	1 1 1	5 130 1	1 83 1 -	- - 1	1 1 -	- - - - - - -	2 - 2	1 - 2 164	3 3 1 -	20 11 1 -	1 1 -	6 24 2 -		 1.	1 	·	- - 7	1 1	1 4 7 20
New Jersey	4 6 9 2	2 6 7 -		1 2 3 6	1 7 2	6 - 20 1	27 3 25 13	24 .5 121 9	7 7 .34 11	4 9 2 1	1	3 12 14 2	2	1 2 2	- 1 2 -	3 14 -	785 14	- 3 1	563 11  42
North Dakota	1 192 5 3	6 6 2 5	70	289 4 1	1 1 -	- - 1	10 1	9 1 1	1 174 4 2	153 3 8 7	3 - 1		30 1 - 10	1 1 5 10	- 2	ī ī	1 1 -	. 2 8 2	1.0
Pennsylvania	16 1 1 -	2 - - 34	-	4 1 2 -	- 1	2 - -	94 <sup>-</sup> 1 7 -	16 130 6	35 1 2	4 - 1 52	1 2	2 1 5 5	-	3 - 40	-	2 3 1 -	726 4 10	2 - 1	319 23 27 1
Temessee	17 B 1	7 8 1		184 6 - -	8 75 - -	- 1 - 5	1 6 1 1		11 13 3	2 9 4 -	18	67 28 5	- 5 1 -	7 3 -		- - 86	4 6 - 2	160 5 1	4
Virginia———————————————————————————————————	9 4 5 22	4 7 45	2 3	. 2	5 - 4 1	5 - - 1	69 1 82 1 1	10 3 - 1	6 5 6 100 4	5 9 - 186 8	-	3 12 1 16 6	2	-	:	:	21 4 6 5		12

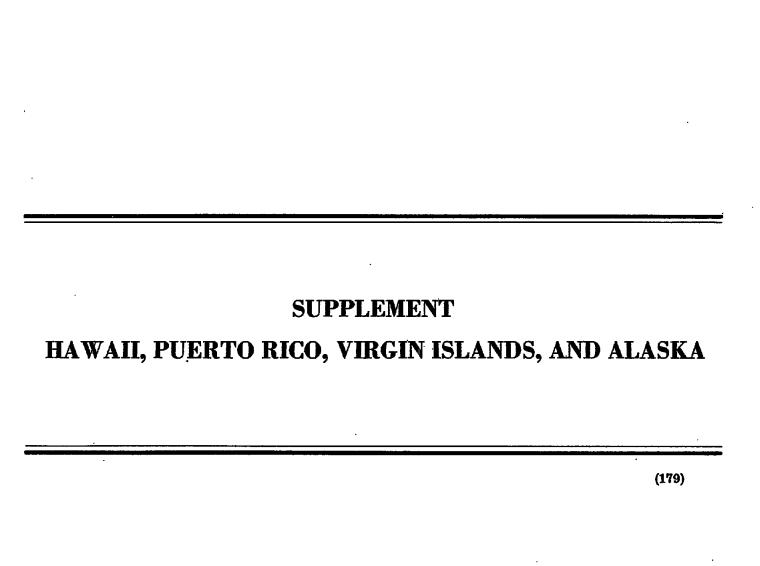
<sup>&</sup>lt;sup>1</sup>See discussion in text for definition of nonresident.

Table 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

	<u> </u>		<del>,</del>			<del>-</del>					-Continu								
							· · · · · · · · · · · · · · · · · · ·				-Continu						<u>.                                    </u>		Total deaths
STATE OF OCCURRENCE		<del>,</del>	·					State o	e resid	enceC	ontinued								of resi-
	N. C.	N.	Ohio	Okla.	Oreg.	Pa.	R. I.	a. c.	s.	Tenn.	Tex.	Utah.	Vt.	Va.	Wash.	W. Va.	Wie.	Wyo.	dento
	-	Dak.							Dak.									ļ -	
UNITED STATES	703	366	1,743	970	427	2,101	302	428	368	711	1,147	160	242	1,114	553	756	749	556	1,444,337
AlabamaArizone	2	-	8 40	2 34	2 9	3 23	1	5 -	z	49 7	12 67	8	-	5 3	9	4 3	11	2	26,620 6,586
Arkensas	1 4	15	12 56	120 49	113	4 49	7	3	ıi	40 8	125 85	39	-	11	99	6	27 27	5	15,224 98,905
Colorado	1	1	8	25	2 -	14 14	16	1 3	9	4	34 1	25	2 5	2 4	6 -	1	2	54	12,582 19,569
Delaware	3 14	-	1 9	2	=	63 34	i	3	=	5	- 6	-	-	3 359	- 2	9	- 5	-	3,407 8,197
Florida	32	1	161	5	5	136	21	21	3	26	9	1	8	36	1	21.	24	-	24,767
Georgia	39 - 5	4 3	19 1 52	3 8	1 39 2	13 2 27	- 2	150 - 2	- - 6	44 3 20	7 2 23	35	1	9	89 4	2 - 4	1 1 129	- 6 1	29,526 4,906 91,328
Indiana	3	1	188	1	1	n	-	<u></u>		11	12	-	-	7		2	14	1	39,544
Iowa	3.	6	6 3	157	2	2	-	1	56 1	2	9 28	2	-	1	5	-	60 2	3	26,064 18,553
Kentucky	4	-	155	5	-	8	1	-	-	1.60	7	-	-	27	1	31	2	1	28,050
Louisiana	3	-	5 4	.11	-	3 9 198	1 6	1 - 16	-	n	210	:	1 8	141	ī	1 134	1 1 2	1	23,561 9,959 22,440
Maryland Mussachusetts	24 4	ī	29 11	ī	1	30	1 199	1	-	7	14 5		36	5	2	3	3	-	52,611
Michigan	3	196	160 15	4 9	2 3	30 10	1 -	2	4 129	7	21 1,9	_ z	1	2 2	4 16	4 2	129 244	1 9	56,786 27,400
Mississippi	3 4	ī	16	5 67	-	8	_	- 2	5	67 19	21 23	ī	:	2 6	6	-	7		20,296 42,752
Montana	1		3	2	9	1	-	-	9	1 2	10		-	- 2	23	1 3	9 2	28 19	5,884 12,615
New Hempshire	- 1	1 -	2	- - -	6 1	1 3 5	5	-	64 2	-	9 3 1		113	-	4		-	2	1,624 6,172
New Jersey	7	_	13		_	514	7	5	_	_		_	2	15	2		1	_	48,076
New York	21	-	10 53	50	3 -	12 425	1 16	13	2	8	142	1	1 51	5 23	1 10		3	-	5,609 159,242 30,161
North Carolina	".	-	15	1	1	18	-	160	30	41	7 2	-	1	1,68	6		8	1	5,146
North Dekota Obio Oklahoma	5 1	1	1  14	3 5	5 2 3	216 9	ī	1	1 6	10	12 115		5	12	2	235	6 2	i -	80,891 19,079
Oregon	-	7	9	4		1	-	1	-	-	5		1	-	257	1	s	5	14,080
Pennsylvania	13	-	215 2		2		6	B 	1 -	1 2	5	-	1 -	-	] :	97	8		109,202 8,188
South Carolina	164	54	5 2		1	14 2	-			- -	7 2		ī	11	-		8		17,957 5,806
Termossee	46		30 11		2 3	13 15	1 1	13 1	3		19	ī	2	84	1		2 4	S	28,826 64,245
Utah	-					1	-	] =	1 -	12 2 ~	2			=	1 -	1 -	-		5,070 4,096
Virginia		1	23	2	, -	46	5	14	7	107 2	8		2	<sub>2</sub>	3	155 2	2 14		28,976 22,211
Washington	6	1 -	337	2	i -	3 84 4	1	1	7	9 -	1 17	1 -	-	137 2	5	"i	1	3	17,600 32,564
Wyoning	i			5	10	4	<u> </u>		6	-	13	10			3	2	3	<u> </u>	2,385

<sup>\*</sup>See discussion in text for definition of nonresident.



#### HAWAII

Table 1.— MARRIAGES, MARRIAGE LICENSES, AND DIVORCES AND ANNULMENTS: HAWAII, 1946-48

	NUMBER	OF-	Number of
YEAR	Marriages	Merriage licenses	divorces and annulments
1948	5,657	5,568	1,388
1947	5,846	5,769	1,178
1946	5,945	5,776	1,453

#### TAREF 2.- LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, HAWAII, 1948

(By place of occurrence. Beaths exclusive of stillbirths)

AREA (SEK FOR HAWAII ONLY)	Live births	Deaths (all ages)	Deaths under 1 year	Still- birthe <sup>1</sup>
HAWAII	14,463	3,104	414	194
Male	7,466	2,067	241	110
Female	6,997	1,037	173	84
Hawaii County	1,721	520	52	23
Hile (city)	875	234	30	7
Balance of county	846	286	22	16
Honolulu County	10,762	2,054	295	139
Honolulu (city)	8,544	1,654	238	100
Balance of county	2,218	400	57	32
Kalawao County		13	_	-
Kauai County	746	214	26	13
Maui County	1,234	303	41	20

 $<sup>^1{\</sup>rm Includes}$  only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

TABLE 3.-LIVE BIRTHS BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, HAWAII, 1948

(By place of occurrence)

AMEA Tot (SEX FOR HAWALI ONLY) birt		Hevalien	Part-	<b>7</b>	l					
			Hawaiian	Puerto Rican	Cancasian	Chinese	Japanese	Korean	Filipino	All other
HAWAII	1,463	. 172	3,364	310	3,202	736	4,644	164	1,301	570
	,466 ,997	93 79	1,691 1,673	172 139	1,674 1,528	379 357	2,426 2,218	86 78	661 640	284 286
Hilo (city)  Belance of county  Honolulu County  Belance of county  Ealer County  Kalayao County  Kauai County	,721 875 846 ,762 ,544 ,218 ,218	39 15 24 82 56 16 -	229 215 2,441	55 16 39 193 157 36 - 27	205 113 92 2,763 1,732 1,031	23 18 5 686 663 23 11 16	739 412 327 3,129 2,785 344 318 458	4 2 2 152 127 25 - 2	165 51 114 967 502 365 - 119 150	47 19 28 449 373 76 - 25

#### Table 4.-LIVE BIRTHS BY SEX AND MONTH: HAWAII, 1948

SEX.	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	14,463	1,240	1,087	1,066	1,163	1,190	1,068	1,216	1,293	1,223	1,421	1,242	1,254
MaleFemale	7,466 6,997		553 534	582 484	605 558	617 573	539 529	519 597	646 647	611 612	768 653	646 596	654 600

#### Table 5.-NUMBER AND PERCENT OF LIVE BIRTHS, BY RACE AND PERSON IN ATTENDANCE: HAWAII, 1948

			NUMBER ATT	ended by—				PERCENT ATT	ended by—	
RACE	Totol births	Physician in hos- pital <sup>1</sup>	Physician not in hospital	Midwife	Other and not speci- fied	Total percent	Physician in hos- pital <sup>1</sup>	Physician not in hospital	Midwife	Other and not speci- fied
ALL RACES	14,463	13,910	96	253	204	100.0	96.2	0.7	1.7	1.4
Hawaiian and Part-Hawaiian	3,536 3,202 4,644 3,081	3,193 3,186 4,547 2,984	44 9 15 28	134 4 78 37	165 3 4 32	100.0 100.0 100.0 100.0	90.3 99.5 97.9 96.9	1.2 0.3 0.3 0.9	5.8 0.1 1.7 1.2	4.7 0.1 0.1 1.0

 $<sup>^{1}</sup>$ It is assumed that all births in hospitals or institutions are attended by physicians.

Table 6-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence)

			NUMBER ATT	ended by				PERCENT ATT	ended by—	
AREA	Total births	Physician in hos- pital <sup>1</sup>	Physician not in hospital	Midwife	Other and not speci- fied	Total percent	Physician in hos- pital	Physician not in hospital	Midwife	Other and not speci- fied
HAWAII	14,463	13,910	96	253	204	100.0	96.2	0.7	1.7	1.4
Hawaii CountyBalance of county	1,721 875 846 10,762	1,662 856 806	12 6 6 6	12 6 6 234	35 7 28 117	100.0 100.0 100.0	96.6 97.8 95.3 96.1	0.7 0.7 0.7 0.6	0.7 0.7 0.7 2.2	2,0 0.8 3,3
Honolulu (city) Balance of county	8,544 2,218	8,242 2,101	48 22	205 29	51 66	100.0	96.5 94.7	0.5 1.0	2,4 1,3	0,6 3,0
Kalawao County Kauai County Maui County	746 1,234	729 1,176	5 11	- - 7	- 12 40	0 100.0 100.0	0 97.7 95.3	0 0.7 0.9	0 0 0,6	0 1.6 3.2

 $<sup>{}^{1}</sup>$ It is assumed that all births in hospitals or institutions are attended by physicians.

#### TABLE 7.- LIVE BIRTHS BY RACE AND AGE OF MOTHER: HAWAII, 1948

						AGE OF M	OTHER				
RACE	Total births	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 43 years	50 years and over	Not stated
AIL RACES	14,463	7	1,223	4,907	4,631	2,533	934	306	20	1	1
Hamiian and Part-Hamiian——————————————————————————————————	3,536 3,202 4,644 3,081	4 - - 3	506 192 140 385	1,396 1,032 1,256 1,223	931 1,174 1,768 758	458 550 1,069 456	187 212 344 191	51 41 56 58	3 - 11 6	- - 1	1

#### TABLE 8.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: HAWAII, 1948

(Birth order refers to number of children born alive to mother)

						AGE OF M	OTHER				
BIRTH ORDER	Total birthe	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 years and over	Not stated
TOTAL	14,463	7	1,223	4, 907	4,631	2,533	934	206	20	1	
irst child	4, 474	7	854	2,013	1,146	349	95	10	_	_	
econd child	3,900	l -	298	1,515	1,353	572	137	25	-	-	1
hird child	2,503	-	60	778	930	557	159	18	1,		1
ourth child	1,468	-	10	370	542	388	139	18	1		1
ifth child	816		1	163	301	239	96	14	2		1
ixth child	482	- :	-	48	178	169	75	11	1	1	1
eventh child	291	l -	- :	16	95	94	72	1.5	1	i	i
ighth child	511	l -	-	4	55	78	55	19	-	-	l .
inth child	1.09	-	-	-	23	37	25	50	3	1	
enth child	74	-	-	-	6	25	24	17	2	-	
leventh child	51.	_		-	1	12	23	111	4	-	
welfth child	33	-	-	-	3,	8	10	12	2		
hirteenth child and over	50	-	-	-	-	5	24	18	3	-	l
ot stated	l 1	_		i -	_	-	-	-	-		í

#### TABLE 9.-LIVE BIRTHS BY RACE AND BIRTH ORDER: HAWAII, 1948

(Birth order refers to number of children born alive to mother)

							В	irth cross							
RACE	Total birthe	let	2d.	34	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES	14,463	4,474	3,900	2,503	1,468	876	482	291	211	109	74	51	33	50	1
Hawaiian and Part-Hawaiian- Caucasian	3,536 3,202 4,644 3,081	827 1,172 1,604 671	773 1,138 1,248 -742	605 534 827 537	433 214 480 341	301 72 224 219	198 39 110 135	135 14 59 63	106 11 39 55	56 1 20 32	38 1 20 15	27 1 9 14	13 1 3 16	24 3 1 22	1 -

### SUPPLEMENT-HAWAII

## Table 10:- CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: HAWAII, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births.

Total number of cases is necessarily less than total number of births for any given period)

RACE	Total births	Total cases (single and	Cases of single		AL BURYES IN WHICH .	
•		plural)	births	. Total	Twins	Triplets
ALL RACES	14,463	14,573	14,278	95	93	2
Eawaiian and Part-Hawaiian—————————————————————————————————	3,536 3,202 4,644 3,081	3,513 3,168 4,625 3,067	3,488 3,134 4,606 3,050	25 34 19 . 17	. 25 . 32 19 17	2

# Table 11.—DEATHS BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 (By place of occurrence. Exclusive of stillbirths)

ARRA	Totel deaths	Havaiian	Part- Havalian	Puerto Rican	Caucasian	Chinese	Japanese	Korean.	Filipino	All other
HAWAII	3,104	296	339	66	733	260	996	70	· 523	21
Hawaii County	520 234	64 19	52 28	11 4	82 49	15 9	233 104	10 7	53 14	
Balance of county	286 2,054 1,654	45 178 149	24 227 188	7 46 38	35 574 439	5 220 208	129 551 461	3 48 39	39 189 117	21
Balance of county	400 13	29 5	39 5	a	135	12	9D 1	9	. 72 2	6 -
Maui County	214 303	11. 38	1.2 43	4 5.	43 34	9 16	82 129	4 8	49 30	

## Table 12.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Exclusive of stillbirths)

<del></del>								
					Ty	PR OF SERVICE		
AREA .	Total deaths	Deaths not in insti- tutions	Deaths in insti- tutions <sup>1</sup>	General hospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Mental insti- tutions	Other resident insti- tutions
HAWAII	3,104	976	2,128	1,621	131,	285	60	17
Havaii County  Hilo (city)  Balance of county  Bonolulu County  Honolulu (city)  Balance of county  Kalawac County  Kauaif County  Maui County	520 234 286 2,054 1,654 400 13 214	217 77 140 587 447 140 1 83	303 157 146 1,467 1,207 260 12 131	282 136 146 1,029 835 194 - 116	21 21 76 75 1 1	273 273 272 1 1	50 60 -	17 17 17

lincludes deaths occurring in institutions of unknown type.

## TABLE 13.-DEATHS BY AGE, RACE, AND SEX: HAWAH, 1948 (Exclusive of stillbirths)

	Total denths	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 .to 49	50 \$2 64 64	55 to 59	50 to 64	65 · to 69	70 to 74	75 to 79	80 to 84	85 to 89	to	95 to 99	100 and over	Not stat- ed
ALL RACES	3,104	414	33	13	17	12	489	38	23	51	82	104	95	110	117	161	193	221	257	280	330	246	159	86	31	4	1	6
Male Female	2,067 1,037	241 173	18 15	10 3	10 7	B 4	287 202	22 16	15 8	32 19	60 22	76 28	61 34	78 32	81 81	124 57	124 69	139 82	185 72	196 84	238 92	167 79	97 62	60 26	20 11	- 4	- 1.	5 1
Hevelian and Part-Havalian-Male Gaucasian	635 344 291 733	125 74 51 77	13 8 5 7	3 3 - 3	5 3 2	2 1 1	148 89 59	12 6 6	7 3 4	15 8 7	13 7 6	18 11 7	26 18 8	19 10 9	27 16 11 27	41 20 21 40	29 14 15 58	59 27 32 50	65 34 31	49 29 20	39 17 22	31 17 14	17 6 11	12 9 3	6 3 3	1	1 - 1	1 -
Male Female	509 224 996	46 31 125 61	3 4 B	1 4	3 5	1 - 7	95 56 39 149	3 1 11	3 1 B	15 13 2 9	31 27 4 28	31 26 5 33	21 15 6 24	24 16 8 21	20	31 9 42	43 15 50	36 14 60	58 52 16 80	63 47 16 104	67 46 21 159	51 31 20 97	42 23 19 64	27 12 15 23	9 5 4 · 6	1	-	1
Male Female All other Male Female	657 339 740 557 183	61 64 87 60 27	5 5 2 3	3 3 2	3 2 -	5 2 2 1	77 72 97 65 32	7 4 11 6 5	7 1 4 2	5 4 12 6 6	20 8 10 6	21 12 22 18	12 12 24 16	21. 12. 9 46 40	28 18 10 35 27	27 15 58 46 12	23 27 56 44	38 22 52 38 14	63 17 44 36 8	73 31 64 47	1,21, 38 65 54	66 31 67 53	43 21 36 25	19 4 24 20	5 1 10 7	1 1 20 1 12	-	-

TABLE 14.-DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int.	(Exclusive of Stilloirths.	i	which ther		<u> </u>	e not snown	<u>,                                     </u>		<u> </u>		
List No.	CAUSE OF DEATH	Total deathe	Hawaiian	Fart- Hawaiian	Puerto Rican	Caucasian	Chinese	Japanese	Korean	Filipino	All other
	ALL CAUSTS	3,104	296	339	66	753	260	996	70	323	21
	IInfectious and parasitic diseases	242	42	30	5	28	12	78	9	38	-
6 9	Cerebrospinal (meningococcus) meningitis	1 4	- 2	-	-	- -	-	1 -	-	2	-
12 13-22	Tuberculosis (all forms)	5 175	21	2 18	3	3 15	10	- 68	9	- 31	-
13 14 15	Tuberculosis of respiratory system, etc	157 6 3	19 - -	17 1 	3	13	10	61 5	9	25 2 1	=
16 20	Tuberculosis of vertebral column	3	- 1	-	-	-	-	1 2	-	2	-
21 22 23	Tubercules to of other organs  Disseminated tubercules is  Luprosy	1 2	1	-	-	-	-	-	-	ī	=
2 <b>4</b> 27	Septicamia and purulent infection (nonpuerperal)	12 1 2	1	- 1	-	i -	=	2	-	- 2	
30 30a 30b	Syphilis (all forms)————————————————————————————————————	30 1	12	3 1	1 -	6 -	2 -	3 -	-	3 -	-
30d 30f	Aneurysm of aorta	6 9 1	3 2 1	1	1 - -	1 3 -	2	-	-	1	-
30с,е,д 32 33	Syphilis (other forms)	13 1 3	6 - 1	- - 1	-	- s	-	3 1	-	2	-
35 38	Measles	1 2	-	-	ī	- - 1	-	ī	-	-	
39 43 44	Typhus fever and typhus-like diseases*	1 1 3	- - 1	1	-	1	- -	- - 1	-	-	-
	II.—Cancer and other tumors————————————————————————————————————	433	30	26	7	95	39	189	n	33	3
45-55 45	Cancer and other melignant tumors	421 15	29	24	7	93	55 4	187 4	1.0	53 3	3
45b 45c	Cancer of mouth	2 3	1	1	-	- -	-	1	-	i	-
45d. 45e 45f	Cancer of jaw bone	2 1 7	1 -	-	-	-	1 3	1 - 2	-	- 2	- -
46 46a 46b	Cancer of digestive organs and peritoneum	234 10 119	11	7 1	6	48 1	17	120 5	6	18 1	1
46c 46d	Cancer of duodenum	2 22	6 - 1	1 - 1	2 - 2	21. - 7	5 2 4	74 - 5	-	6 - 2	
46e 46f 46g	Cancer of intestines, etc	38 30 10	2	2	- 1	14 3	5 1	12 19 5	1 - 1	2 4	
46h 47	Cancer of mesentery and peritoneum	3 46	1 8	ī	-	2 11	7	- 15	ī	3 - 5	
47a 47c,à 49	Cancer of larynx- Cancer of broughts and lung- Cancer of broughts and lung-	8 38 35	1 5 1	1	-	2 9 7	- 7 1	5 10 17	1	- 5 1	-
48a. 48b	Cancer of other and unspecified sites of uterus	24 9	1 -	2	-	6 1	ĩ	11 6	1	î -	į
49 49a,b 50	Cancer of other famale genital organs————————————————————————————————————	8 8 15	1 1 2	2 2 4	-	2 2 4	-	3 3 4	-	-	-
51 51b 51a,c-e	Cancer of male genital organs	3 11	1 -	1	1 1	4	-	2	1	1	-
52 52a.	Cancer of other male genital organs Cancer of uninary organs Cancer of kidney	2 16 8	1 - -	ī	-	3 1	2	1 7 2	-	2	1
52b 52e 53	Cancer of bladder———————————————————————————————————	7   1		1	-	2	-	1		-	-
54 55	Cancer of central nervous system*	6 34	- 4	2	-	3 9	4	1 13	-	3	-
56,57 56	Normalignant tumors and tumors of unspecified nature	12	1	5 5	-	2	4 3	2 -	1	- -	-
56e 57 57d	Nommalignant tumors of other and unspecified organs————————————————————————————————————	7 5 4	1 -	- 2	-	2 1	3 1 1	2 2	-	-	=
57e	Tumoro, other organs (nature unspecified)	1	-	-	-	1	-	-	-	-[	-
58	III.—Rhoumatism, diseases of nutrition, etc.*	132	2	18	6	26	1.3	40	1	12	
58b 58d 58e,f	Acute rhoumatic endocarditis— Other acute rheumatic heart diseases—————————————————————————————————	1 4	1	1	ī	-	-	-	-	ī	-
59 61.	Chronic rheumatism, other rheumatic diseases	104	12	14	1 4	2 22	_ 13	2 30	1	- 6	2
63 63b 64	Diseases of thyroid and parathyroid glands	5 5 4	-	- 1	=	1 1	-	1 2	- 1	3	=
66 68	Other general diseases	1 5	-	ı 1		-	-	1 2	-	2	-
n	Other avitaminoses	2 30	2	6	-	4	1	12	-	- 5	-
73 73a	Anemias (except splenic anemia) Pernicious memia	6 2	1 -	-	-		<del></del> -	3 2	-	2	-
73b-d 74 74a	Other anamias (except splenic)	4 20 17	1 1 1	- 3	-	4	1	1 8 7	-	2 3	-
74b 75	Leuxen 188- Aleuxen 189- Diseases of spleen	3		3 - 3	=	3 1 -	1 - -	í	<u>-</u> ]	1	-

## SUPPLEMENT-HAWAII

### Table 14.-DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int.	(Axelusive of Stilloirum.	Total	<u> </u>	Part-	Puerto		Chinaga	Japanese	Korean	Filipino	All
List No	CAUSE OF DEATH	deaths	Havelian	Havaiian	Rican	Caucasian	CHINEBE	Aghanese	AOI GAIL	нирио	other
	V.—Chronic poisoning and intoxication	В.	1		-	3		2		2	<del></del>
77	Alcoholism (ethylism)	В	1	-	-	3	-	8	-	s	-
	VI.—Diseases of the nervous system, etc	238	24	13,	3	45	19	97	'5	31 1	1
80 81		10	-	-	1	3	-	4	-	ī	I
82 83	Diseases of spinal cord (see exceptions)	5 210	23	'n	2	37	19	85	5	28	_
83a. 83b,c	Cerebral hemorrhage or errusion	182 18	17	'n	2 -	30 5	15 3	79 3	1	24 3	<u>-</u>
83đ. 84	Hemiplegia, other paralysis, etc.*	10 2	3	] [	_	2	1	3		. 1	-
85 86	Epilepsy	4	1	1	_	2	_	1	_	l <u>-</u>	_
87	Other diseases of nervous system	4	-	ĩ	-	1	-	2	-	-	-
	VII Diseases of the circulatory system	654	78	54	16	208	n	178	13	36	
90~95 90	Diseases of the heart (all forms)	608 2	72	49	16 -	1.97	68 1	163	10	33 1	_
90ъ 91	Other pericerditis———————————————————————————————————	2 3	ī	ī	]	-	1	<u> </u>	-	1	-
91a,b	Rectarial acute and subscribe endocarditis	3	1 1	1	- 2	13	-	- 9	-	ļ	-
92a.	Chronic affections of velves and endocardium————————————————————————————————————	41 6	3 -	3 -	-	3	i -	2		ĺí	_
92b 92c		18 2	- ī	2 -	2	1	2 -	S -	-	3	_
92đ. 93	Other chronic endocarditts, etc.	15 402	- 2 - 55	1 32	- 8	5 116	2 55	113	- 9	3 14	
93a		3	"-	-	-		-	2	_	ī	-
93b 93c	Mycorditis (unspecified, under 45 years)	1 3	Ī	_		] -	-	2	-	-	-
93d 93o	Other chronic myocarditis, etc.	386 9	53 1	31	8 -	115	55 -	1.03	8	13	-
94 94 n		135 135	9	끄	6	62 62	6	32 30	1	8 8	<u>-</u> .
94b	Diseases of coronary arteries, sagina pecturis— Angina pecturis————————————————————————————————————	2 25	- 4	- 2	-	- 6	2	2	=	-	-
95 95a		1 -	-	-	=	i	-	-	_	-	_
95b 95c	Other diseases of heart (rheumatic)	11.	. 3	2 -	_	3	2	4	] [	[ 1	-
96 97	American (except of heart and acrts)	12 24	3	3 -	] =	5	- 2	10	- 3	2	-
99 .	Other diseases of arteries	5 2	1	- î	-	1	1	2	_	_	_
102	High blood massure (idionathic)	2	1	î	-	-	-	_	-	-	-
103	Other diseases of circulatory system	1	_			_	·	l	_		-
104	VIII Diseases of the respiratory system	167 3	17	39	3	2B	1.3	1	3	23	<u> </u>
105	Diseases of nasal fossae, accessory sinuses	1	-	-	-		-	ī	-	-	-
106 107	Bronchitis	7 74	2 8	22	ī	3 12	5	19	3	1 4	-
108 109	Bronchopmeumonia (including capillary bronchitis)	46 5	3 2	9	1	7	7 -	9 -	:	10 2	
109A 109B	Atypical or virus pneumonia	2 3	2	1 1	-	_	-	] [	-	1 1	_
110	Heuring (not therrulous)	13 6	1	2	1	1	1	6	-	1	_
112	AB COURT	7	] -		-	2	-	2	-	3	-
114 114c-e	Other diseases of respiratory system (except tuberculosis) Other diseases of respiratory system (except tuberculosis)	5	] :	2	-	i	-	2	] -	] -	-
	IX Diseases of the digestive system	147	7	1.6	3	38	15	40	6	19	3
115 117	Diseases of buccal cavity and adnexa, etc. *	1 25	2	2	-	4	2	1 9	2	-	
117a 117b	Ulcer of duodenum	17 8	2 -	1 1	=	1 3	2	5 3	2	3	-
118 119	Other diseases of stomach (except cancer)	2 13	_	8	=	1 1	:	- 2	:	1 2	<u> </u>
120	Diarrhea, enteritis, etc.* (2 years and over)	7 12	ī	i	-	2 2			<u> </u>	2	-
121	Hermis and intestinal obstruction	20	2			5	2	4	2	-	ī
122a 122b	Tetactical photostim		1	2	1	3	2	-	2		1 -
123 124	Other diseases of intestines	5	- 2	ī	_ 1	2 13		10	- 2	1 2	1
124a	Cirrhosis of liver with mention of elcoholism	11 24	2 - 2			4	2		1 .1	2	1
124b 125	Other diseases of liver	5	:	1	=	1	2	-	=	1	-
126 127	Biliary calcult———————————————————————————————————	3	] -	] -	-	2 2	1	1 -	-	:	:
128 129	Diseases of pencreas (except disbetes mellitus) Peritonitis (cause not stated)	11.	:	1 1	_	2		2	=	6	:
	IDiseases of the genito-winary system	262	25		5	1	43	79	а	26	
130 131	Acute nephritis	11 220	1 23	1 22	-		3 37	70	a a	1 21	_
131a	Arteriosclerotic kidney	188 32	22	19	4		35	52 19	8	17 4	-
131b 132	Wardedtta swamped Plat [10 manus and month	6	-	i -	-	1	1 1	2	] -	2	-
133 134	Other diseases of kidneys, wreters, atc.*	12	1	-	-	1	-	-	] -		:
` 137 137a.	Diseases of prostate	10	]	1	:	7 6			-	] -	] [
137ъ	Diseases of frostate———————————————————————————————————	8	=	1 2	-	1	-	] =	[ -	1 . :	] -
139 139a	Disassa di Overias, Tellopien tubas, Darametria	1 1	-	1		-	] =		] =	[ -	-
1396	Diseases of uterus	1 1.	-								

\*Refer to International List for complete title, table IX.

Tarle 14. - DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948 - Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

		,	willen cher		,				-	<del>, , ,, ,</del>	
Int. List No.	CAUSE OF DEATH	Total deaths	Havalian	Pert- Hawaiian	Puerto Rican	Caucasian	Chinese	Japanese	Korean	Filipino	All other
	XIDiseases of pregnancy, childbirth, and the puerperlum	16	1	4	1	4	-	5		1	_
141 141d-f	Abortion without mention of infection	1 1	-	-	-	1	-	-	-	-	_
142 142b	Ectopic gestation without mention of infection	1 1	:	_	-	1 1	<u> </u>	-	-	_	:
144 145	Tomemias of pregnancy (death before delivery)	1	1	1	:	1 1	-	2	-	_	-
145B 146	Without mention of infection	1 3	-	- 2	_	Ī	_	-	-	-	-
147 148	Infection during childbirth and puerperium	3 2	-	- 1	1	]	=	2	-	=	-
150	Other and unspecified conditions of childbirth and puerperium	i	-	=	-	1	-	-	_	-	-
	XII.—Diseases of the skin and cellular tissue	5	2	-	-	-	2	1		-	<u> </u>
152 153	Phlegmon and acute abscess	1 4	2	-	-	-	2	-	-	-	-
	XIII.—Diseases of the bones, etc.*	4		1	-	1	-	1	-	1	
154 155	Osteomyelitis and periostitis	1	_	-	-	- i	-		-	1	:
156	Diseases of joints, other organs of movement	2	-	1	-	-	-	1	-	-	-
	XIV Congenital malformations	61	-	1.3	2	n	5	24	-	4	2
157a-d 157e,£	Congenital malformations of central nervous system	18 30	_	5 6	_ 1	5	5 5	12	-	1 3	_ 1
157g,h,m	Other congenital malformations	1.3	_	2	1	4	1	4	-	-	1
158	XV.—Diseases peculiar to the first year of life Congenital debility (cause not stated)	268	7	59	6	57	13	85	6	31	4
159 160	Injury at birth	168 52	6	52 16	3	39 8	7 3	57 16	4	18 6	2
161	Other diseases peculiar to first year of life	47	=	ñ	ž	10	3	13	î	ě	î
	XVI.—Semility	2.5	3	-	1	2	1	16	-	-	
	XVII Violent or accidental deaths	344	27	29	6	121	11	98	6	41	5
163,16 <del>4</del> 163	Suicide by poisoning	53 15	1 -	1	-	19 6	1	25 6	_	5 -	1
164 165-168	Suicide by other means		1 2	1 5	_	13	2	17	_	5 9	1 1
166 167	Homicide by firearms	5 12	=	1	-	3	- 1	i	-	1 8	
168	Komicide by other means	12	2	4	-	3	1	1	-	-	1
169-195 169	Accidental deaths	5 565	24	23	6 -	95 -	8 -	70 1	6 -	27 1	] 3
170 170¢	Motor-vehicle accidents	86	4	10	2	29	5	24	3	9	
170a	streetcars)  Motorcycle accidents (except collisions with automobiles)	78 8	-	8	2 -	24 5	-	24	2 1	-	:
171 171b	Streetcar and other road-transport accidents Other and unspecified road-transport accidents	1 1	] -	1		-	-	-	_	_	-
172 173	Water-transport accidents	8 25	] [	2	_	4 25	_	2 -		_	-
175 175a-e	Agricultural and forestry accidents	10	1	-	_	2	_	3 3	_	4 4	:
175d,e	Romantwa analdenta	1	-	-	-	ī	-	-	-	-	
176 177	Other accidents involving machinery	5	ī	-	-	_	1 -	ī	_	-	[ ]
179	Agets socidental notageing by solide or liquide	7 8	-	-	:	5 1	-	1 4	-	1	-
181 182	Accidental burns (except conflagration)	8	2 -	1	1 -	3	-	5		i	-
183 184	Accidental drowningAccidental injury by firearms	36 5	7	1 -	1 -	7 3	1	13	_	1	1 2
165	Accidental injury by cutting or piercing instruments	3	1	-	-	1	-	1	-	-	! -
186 186a	Accidental injury by fall or crushing	32 30	3 2	3 3	2 2	6	_	12 11	3 3	3 3	:
186ь	Accidental injury by crushing	2	ī	-	[ -	-	ī	1	-	l <u>:</u>	1 :
166 193	Injury by animals (except in agriculture and forestry)Accidents due to electric currents (except lightning)	9	ī	1	-	5	-	] -	-	i	] i
195 1954	Other accidents	17	3	4 3		1	_	5 2	] -	1 1	1 :
195c,e	Other and unspecified accidents	10	3	ĩ	-	3	-	3	-	-	-
	XVIII. —Ili-defined and unknown causes	70	16	4	2	13	2	10	2	50	
200a 200a	Ill-defined and unknown causesIll-defined causes	70 6	16 3	4	2	13	2 -	10 1	2 -	20 2	]
200b,c	Unknown or unspecified causes	64	13	4	2	13	2	9	2	18	3

<sup>\*</sup>Refer to International List for complete title, table IX. 1 Includes figures for infanticide (165).

## SUPPLEMENT-HAWAII

Table 15.—DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: HAWAII, 1948

(Exclusive-of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

CANSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mar.	Apr.	Mey	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
AIL CAUSES	3,104	298	252	245	250	250	242	249	279	240.	250	252	297
Mole Female	2,067 1,037	200 98	155 97	165 80	178 72	174 76	158 84	267 82	183 96	157 83	165 85	172 80	193 104
Cerebrospinal (meningococcus) meningitis	1 4 175 157 18	2 20 19 1	1 15 13 2	1 16 · 14 2	1813	- 12 9 3	20 19 1	1 17 14 3	- 10 9 1	- 12 10 2	- 19 18 1	- 9 8 1	13 12 1
Dysentery	2 30 1 421 234 41 15 131	35 19 3 2	1 5 - 36 17 5 1	- 4 - 31 12 3 1 15	25 13 2 1 2	35. 21. 4	- 3 - 44 24 4 1 15	- - 33 16 4 1	1 - 28 · 16 2 1	2  42 27 4 1	- 33 23 1 1	- 3 - 43 23 6 2 12	4 1 36 23 3 3 7
Acute rheumatic fever	6 104 5 8 210	9 - 1 18	8 - 1 18	9 2 - 13	10 - 1 18	2 8 - 1 16	1 10 1 1	9 - 1 22	1 . 6 1 1 23	- 9 1 - 9	1 6 1 - 22	1 11 - 21	.9. 1 20
Diseases of the heart90-95 Chronic rheumatic diseases of the heart90a,92b,c,93c,95b Diseases of coronary arteries and angina pectoris97 Diseases of heart (other forms)90y,91,92a,d,e,95a,b,d,e,95a,c,4rteriosclerosis and high blood pressure*97,102	608 34 135 439 26	74 4 14 56 1	45 2 15 28 3	44 3 7 34 4	66 3 13 50- 2	52 3 8 41 2	50 4 15 31 2	37 2 10 25 7	42 3 12 27 4	46 2 8 36 2	49 4 9 36 1	40 2 10 28 1	63 2 14 47 3
Pneumonia (all forms) and influenza	128 74 46 5 3	21 12 8 1	16 10 6 -	13 9 3 1	5 2 3 -	7 7 - -	6 3 1 2	16 10 6	9 4 1 1	8 5 - -	5	10 6 2 - 2	12 6 . 5 -
Ulcer of stomach or duodenum	26 20 12 20 35 7	4 3 1 2 6 2		3 1 - 1 3	1 - 1 - 4 1	1 1 1 3 1	, 2 , 2 -	1 1 3 2	1 3 5 6 3	- 1 2 1 4 -	2 2 - 1	1 - - 3 3 1	3 4 2 - 4 1
Rephritio	6	] [	21. - - - -	20 1 1 -	23 - - - - -	14 1 2 - - 2	1 1 -	16 3 3 - 2	15 2 1 - - 1	17 1 1 - -	17 1 2 - 2 -	25 1 - - - -	26 1 5 1 3
Congenital malformations	268 168 100 53 29 262 86	2 23 6	21 12 9 5 -	3 24 16 8 2 6 17 10 7 5 22	6 25 18 7 1 23 8 15 3	6 19 12 7 6 2 23 7 16 14 20	5 16 9 7 8 3 14 3 11 5	1 15	8 31 20 11 4 2 41 8 33 16	5 27 16 11 4 4 19 3 16 8	4 22 13 9 4 3 21 4 17 10 21	2 21 13 8 6 2 22 7 15 11	7 20 16 4 3 23 14 9 6

<sup>\*</sup>Refer to International List for complete title, table IX. 891563 0-50--16

Table 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948 (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

			· ·										<i>,</i>			
Int. List No.	CAUSE OF DRATH, RACE, AND SEX	Totel deaths	Un- der 1	to	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
	ALL CAUSES	3,104	414	75	38	23	51.	82	199	227	374	478	610	405	122	6
	Hawaiian and Part-HawaiianMale	344	74	15	6	3	8	7	29	26	34	61	46	23	12	
	Female	291 509	51. 46	8 10	6 3	4 3	7 13	6 27	15 41	20 36	36 74	63 88	42 93	25 54	8 17	-
	Female	224 657	31 61	. 6	1 7	1 7	2	4	11.	15	24	30	37	39	20	i
	Female	339	64	1.6 B	4	1	5 4	20 B	33 24	30 19	50 42	101 39	1,94 69	109 52	24 5	. :
	All other	557 183	60 27	5 5	6 5	2 2	6	6 4	34 12	67 14	90 24	74 22	101 28	78 25	27 9	•1
6	Cerebrospinal (meningococcus) meningitis	1	_	-	1	_		_	-	_		-	_			
	Hawaiian and Part-Hawaiian		-		-	-		-		-	-	-	-	- }	-	-
	Caucasian	-	-	-	-	-	_	-	-	-	-	-	- ]	-	-	-
	JapaneseMale	ī	-	-	1	-	-	-		-	-	-	- [	-	-	-
	Female All otherMale		-	-	-	_		_	-	-	-	_		-	-	I -
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Whooping cough	1	3 1	1	-		-	-	-	<u>-</u>	-	-	-	-	-	-
	Female Caucas ian	1	-	1	-	-	-	-	-	-	- [			-	-	
	Female	-	-	_	-	-	-		-	-	-	_	-		-	_
	JapaneseKaleFemale			-	-	-		-	-	- [	-	-		-	-	
	All other	2	s	-	- 1	_	-	-	-	-	-	-	-	-	-	-
15-22	Tuberculosis (all forms)	175		3					27	-		70	-	7	_	1
20 20	Hawaiian and Part-Hawaiian	26	-	1	- S	2	3 -	8 -	5	23 2	22 5	39 7	38 5	í	1	i -
	Female Caucasian	13 12	-	-	1	1	1	5	. 3 3	1	1 3	1 1	2	-	-	<u>-</u>
	Female JapaneseMale	51 51		1	1	-		3	- 5	1 4	3 T	1 15	1.7	- 5	-	_
	Female	17 41	-	1	-		-	2	8	2 7	2	3 9	11	- 3	- 1	i -
	Female	12	-	-	-	1	1	ī	i	2	2	s	2	-	-	-
1.3	Tuberculosis of respiratory system, etc. *	157 23	-	-	٤	2	1	7	23 3	19 2	21 5	<b>3</b> 7	37 5	7	ı	_
	Female	13	-	-	ı	1	1	2	3	1	1	1	2	-	-	_
	Fenale	11.		-	-	_	-		3 -	1	3 -	1	- [			_
	JapaneseFemale	47 14	] [	:	1	-	-	2	4 7	2	5 5	15 2	16	3	_	
	All other	37 10	-		-	1	-	2 1	2	4	6 2	8	11	3	1	_
14-22	Tuberculosis (other forms)	1.8	_	3	_	-	2	1	4	4	1	2	1	-	_	_
	Hawaiian and Part-HawaiianMale Female	3		1	<u>-</u>	-	_ [	-	5	-		-	-	-	-	_
	Caucasian	1	- 1	~	-		1		-	-	-	-	-	-	-	=
	Japanese	4	-	1	-	-	-	1.	1		-		ī	-	-	
	Female	3 4	-	1 -	-	-	-		1 -	3	-	1	-	-	-	
	Female	2	-	-	-	-	1	-	-	1	-	-	-	- }	-	-
27	Dysentery	2	1	1	-	-	-	-	-	-	-	-	-	-	-	_
	Female	2	1	1		-	-	-	-	- ]	-	-	-	-	-	~
	Female	- 1	-	-		-	-	- [	-		- [		-	-	-	
	Japanese	-	-	-	-	-	-	-	-	-	- 1	-			-	_
	All other	-		-	_	-	-	-	-	_	-	-		<u>-</u> [	-	-
30	Syphilis~	30	_	_		_	_	_	1	1	8	п	7	2	_	_
	Hawaiian and Part-Hawaiian	7 8	<u>-</u>	-	-	-	-	-	1	1	1	2	- 2	-	-	_
	Caucasian	5	] [	-	-	-	-		-	-	2	ĩ	í	ī	- [	_ =
	Female JapaneseMale	1 3	-	-	-	-	-	-	-	-	1	1	2			~
	Female All otherMale	- 6		-	-	-	-	-	-		-	3	- 2	- 1	-	
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	MeaslesMavalian and Fart-HawaiianMale	1	1	-	-	- [	-	-	-	-	-	-	-	-	-	-
	Female	-		-	-	-	-		-	- 1	-	-	-	-	-	
	Caucasian	-	-	-	-	-	_		-	-	-	-		-	-	-
	JapaneseFemale	-		-	_ [	-	-	-	<u>-</u>	-	<u>-</u>	<u>-</u>	-	-	-	-
	All other	- 1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
45 55		!		-	- [	-	-	-	-		_ [				- 1	-
45-55	Cancer and other malignant tumore	421 25	[	1	1	1	7	3 - :	8 2	35 3	64	98 8	136 5	58	5	1 -
	Female Caucasian	28 55	-	1	-	-	2	- 1	1	3 4	10	9	7 18	2	- 2	-
	Female Japanese	38 120	-	ī 1		- 1	-	ī	1	3 3	7	9 36	12	3	1	1
	Female	67	l -1		- [	-	1	ž	-	7	11	14	22	11	=	=
	All other	71 17	-	-	īl	-1	1	- ]	3	9 1	14	11 2	23	5	1	-

\*Refer to International List for complete title, table IX.

TABLE 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948-Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico; for which there were no deaths are not shown)

Consider and Princip Analyses   1000   20   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   2   1   1   1   3   1   4   3   1   4   3   1   4   3   3   3   4   3   3   3   3   3	Int. List	CAUSE OF HEATH, RACE, AND SEX	Total deaths	Un- der 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
Cannor of the Algorithm organ and particulars	46	Cancer and other malignant tumonsContinued							_								
Paralle   Para		Cancer of the digestive organs and peritoneum		-	- 9	-	-		-							3	
Concention	ł			_									4			-	· -
Section of Part Processing Section   Section of Part Part Part Part Part Part Part Part		CnucasianMale	30	-	-	-	-		-	-			4	10			-
## All other   ## All				_	-	_	[	-								1	-
## Caseer of Deale moths organizate    Caseer of Deale moths organizate   Caseer of Deale moths organizate   Caseer of Deale moths organizate   Caseer of Deale moths organizate   Caseer of Deale moths   Caseer of Deale   Caseer		Female	32	-	-	- '	-	-	- 1	-	1	5	. 7	11	В	-	-
Second Column   Second Colum				_	_	3		_	- 1		2					1	-
Comparison	48,49	Cancer of female genital organs	41	-	-	-	-	-	1	-	11		5		1	_	-
Description   Property   Proper	•	Mawaiian and Part-HawaiianFemale-	8		~	-	-1	-	- 1				1		-	_	
Secretary and Pre-Secretary Secretary and Pre-Secretary Secretary		JapaneseFemale	20	-	· -	-	-	-	[ i]		4			7	1	-	-
Riserting and Pert-Security			1 1	-	-	-	-	~	-			-	- 1		-	-	:
Concastante Service	50		15	:	_		-	-	-			- 1	2	, -	·	-	<u> </u>
Second		Female		-	-	-	-	-	-			3	-	1.	1	-	-
All other Possible				] [		_	_ [		1	_		ī	` i	ī	1	_	-
Connect (other tists)				_	_	-	1		_ [	_	7		- ;	. ~	7	-	1 :
## Section of the property of		All otherMale		-		_	-	_		~		-	-1	-	-	_	-
Since	İ			-	-	-	- 1	-	-	~				-		-	-
Concasine   Panale		Vancer (other sites)			1	1 -	1	5	2			3.8 3			14	- 2	-
Appensor		Female	8	-	_	- '	-		-	-	-	-	4	1		-	-
Appender			7			:		- 1		_		2	3			-	-
All other   Seales   34     1   -   1   3   6   6   6   9   3   3   -   -   -   1   -   1   3   6   6   6   9   3   3   -   -   -   -   1   -   1   -   1   3   6   6   6   9   3   3   -   -   -   -   -   -   -   -		JapaneseMale	32	-		-	1	1	1	-	2	1	8	13		- ;	-
Acute remembrie forces   Section   Multi-   Section			31	-	_		-	ī	-	ī	3	6	8			_	
Bionedican and Part-Essentian		Female	4	-	-	1	-	~	-	-	-	-	1	1	-	1	-
Commission	58			-	-	1	3		-	-	-	-		-	-		-
Commission			2 2	-	_	- :	- 2	2 2					<u>-</u>	_		-	-
State		CaucasianMale	-	-	_		=	-	-	-	- 1	-	-	-	-	-	-
All other   Foundary				_	-	_	_ [	_	-	-			-	-	-	-	
Dishipte mallitus			1	-	-	<u> </u>	-	-	-	-			-	-	-	-	-
Remittes and Part-Remittes   19				-	_		-	_	_ [	-			- 1			-	-
Caucarian	61	Diabetes mellitus	104	-	_	-	-	1	-	3	3 -	16	22	37		1	-
Caucarian				-	-	-	-	5	-	-		ļ	2			-	· -
Majorage   Majorage		CaucasianMale	В		_	] [	[]					1	. 2	2	3	-	-
All other   15				_	-	-										-	_
Exception   Section   Se		Female	15	-	-	-	- 1	-	-	=	-	2	3	7	3	-	-
Stophthelian of Part-Havatian   State   Stat				-	-	-	:	_		1	1		1 1			ī	_
Reward   R	63b				-	_		_	-	_		1		_	_	-	-
Commercian		Hawaiian and Part-HawaiianMale	-	-	-	-	-		-	-	- 1	-		-		-	-
Japanese		CaucasianMalc	1	-	-	[ -		-	-	-		]	-	_		_	_
All other				:	-	_						1		-		-	i :
Female		Ferrile	1	] [	-	-			-		- 1		1		_	-	_
Alcoholism (cttyling)				] ~	_	-	] -	-	i :	<u>-</u>				-		-	_
Baselian and Part-Hawaiian   Nale	77		1 .		_	_	_	_		3			1	_	_	_	
Caucardan		Hawaiian and Part-HawaiianMale	-	-	-	-	-	-	-	-	-	· -	-	-	1		-
Sepanses			5 7	_	_	] -		_				_	-	_ =			_
National   National			1	-	-	-	-	-	-	7	-	- : !		-	-	-	_
The composition of vaccular origin		· Female	- 1	-	Ι Ξ	-	]	·-	[ [		-	-				_	i
State			1 1	:	:	-			-		٠ī	1	- :	-			_
Hawaiian and Part-Hawaiian   Male   16	83			II _	_	٠.	<u> </u>	_ [	}	_	1	[ ]	45	55	45	13	-
Caucasian		Hawaiian and Part-HewaiianMale	16	\$ I	- 1	-	-		-		1	2	5	3	3		-
Female				11	]	=	[									ī	] -
Female-   25		Yemale	13	-	-	-	-		i -l	-	2	2	1	3	2	3	-
Paralle-				:	] [	_	_	_	-			6			3	i	-
90-95 Diseases of the heart————————————————————————————————————				-	] -	-	-	-	-								-
Havefian and Part-Havaifan		Lemaie		∥ .¯	-	-	-	-	-			1					-
Female-  59   -   -   1   -   2   2   6   19   16   7   4   -   -   -   1   8   20   41   39   18   5   -   -   -   1   1   -   -   2   5   10   10   22   11   -   -   -   1   1   1   1   1	90-95			∥ -			. z	1									<u> </u>
Fenale	•	Fenale	59	13	} -	-	ī	-		2	2	8	19	16	7	4	-
Japanese	1			11	:	-	;		<u>-</u>				10	39 10	18 22		:
All other		9sparese	333		] ]	ĺ	-	-	-	2	4	22	13	44	31.	6	-
Second of the control of the contr				:	;	1 1	]	] -							12 23		:
Signature   Sign				-	=	-	-	-	1	5	2	4			6		-
Fonale				-	-		1				4		-	4	5	-	-
Caucasian	yad, 960		2		-	1	] [	=	-:			2	_	=		:	
Japanese 6 - 1 - 1 2 2 Renale 6 1 1 2 2 1 1 2 2 1 1 2		Caucasian	3	-	-	-	<u> </u>	-	-	_	1	-	-		:	-	-
Penale 6 1 1 2 2 All other			6		_	l ī	1		[	1	-	-			2	-	-
Fenale 5		Penale	6	-	-	- 1	-		<u>-</u>	1	1			-			-
	•		5	]	-	1 -	l [-]	1	-		- 1			_	<u>-</u> ,	<u>-</u> ,	-

TABLE 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948 —Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown;

Int. List No.		CAUSE OF DEATH, RACE, AND SEX	Total deaths	Un- der 1	l to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 60 64	65 to 74	75 to 84	85 and over	Not stat- ed
94		of the heart—Continued														_	
	Diseases	of coronary arteries and angina pectoris- Hawaiisn and Part-HawaiisnMale	135 12		-	-		-	-	1 -	11	30 4	36 4	35 4	17	5	_
		Female Caucasian	. 8 53	_	-	-	- 1	-		- 1	- 6	2 13	1 17	2 12	2	1	-
		Femule JapaneseMale	9 30	-	-	-	-	-	-	-	- 2	2	7	12	4	2 1	-
		Female	2	-	-	-	_	-	-	-	-	1	1	- [		-	-
		All otherFemale	1.6 5	_	-	-	-	-	-	-	3	3	3 3	-	2	1	-
90b,91,	Diseases	of the heart (other forms)	439	-	3	-	ı	_	ı	9	13	42	95	132	105	38	-
92a,d,e, 93a,b,d,e,		Hawaiian and Pert-HawaiianMale Female	45 49	_	1 -	-	1	-	-	2 2	3	3 5	13 18	11. 14.	8 5	4 3	_
95a,c		Caucasian	76 52	-	-	-	-	•	-	3	1 2	7 2	24 10	25 9	1.4 17	5 9	_
		JapaneseMalc Female	77 42	1 :	1.	-		-	-	1	2	7 5	6	30 15	25 10	5 2	-
		All otherFemale	74 24	-	1	-	-		- 1	- 1	1 2	11 2	11	20 8	21 5	9	-
97,102	Arterioscl	erosis and high blood pressure*	26	_		_	_	_	_	_	_ [	_	4	6	ш.	5	_
,		Mawaiian and Part-MawaiianMala Female	4	] -	_	-	-	-	-	-	-	-	1	i	2	-	<u>-</u>
		CaucasianMale	4	-	- '	-	-	-	-		-	-	ī	-	2	1	-
		Female JapaneseMale	1 8	-	-		-	_		-	-	-	1	3	2	1 2	-
		Female All otherMale	2 3		-	-		-	-	-	-	-	-	1	1 2	-	:
		Female	3	-	-	-	-	-	-	-	-	-	-	-	2	1	-
107-109,33	Pneumonia	(all forms) and influenza	128 24	45 18	9 2	2	1	-	-	6	6 2	5 -	n	16	18	9 1	
		Female	23 12	10	3	-	-	-	-	1 -	i	1 1	ī .	3 . 3	2	1	-
		Female	7	2	2	-	-	-	-		-	-	-	1	2	-	] -
		Japanese	16 13	3	1	-	1	-	- 1	2	1	-	2	3	5 4	1	-
		All otherFemale	23 10	5	<u>1</u>	1	-	-	-	2	-	J S	3 3	2 3	4	3 -	-
107	Bronchon	neumonia	74	35	6	_	_	_	_	4	5	_	3	5	9	7	_
		Hawaiian and Part-HawaiianMale Female	1.5 1.5	1.3 B	5 1	-	-	-	-	- 1	1	-	-	ã	-	1	_
		Caucasian	6	2	- 2	-	-	-	-	-	i	-	-	1	2	2	-
		Female Japanese	6 9	5 5	۔	-	_	-	-		1	-	ī	1	3	. 1	-
		Female	10 13	3 5	1	-	-	-	-	2	1	-	ž	1 -	3 1	- 3	-
		Female	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-
108	Lobar pn	eumonia	46 4	6 2	1	s	1	-	-	2	1	5	8	10	9	1	_
		Female	В	2	1	- 1	- [	-	-	-		1	1	1	2	-	-
		Coucasian	6 1	1 -	-	- ;		-	-	-	-	1 ~	-	2	1	<u> </u>	
		JapaneseFemale	6 3	1 -	-	_	ī	-	- 1	-	-	-	1 1	2 -	2	-	_
		All otherFemale	9	-	-	1	- !	-	-	1	-	3 2	1 3	1 3	<b>3</b>	_	-
109	Pneumoni	a (unspecified)	5	2	1	_	_	_	_	_	_	_	_	1	_	1	_
·		Mawaiian and Part-MawaiianMale Female	3	1 -	1	-	-	-	-	-	-		-	-	-	1	-
		Caucasian	-	-	-	-	-	-	-	-	-	-	-	-		-	-
		Female	-	_	-	-	-	-	-	-	-	-	-	-	-	_	_
		Female All otherMale	ī	_	-		-	- 1	-	-	-	-	-	1	·-	-	_
		Female	1	1	-	- 1	- 1	-	-	-	-	-	-	-	-	-	-
33	Influenz	Hawaiian and Part-HawaiianMale	3 2	S	1	- 1	- :	-	-	-	-	-	-	-	-	-	-
		Femsle		-	-	-	-	-	-	-	-	-	-	-	-	-	_
		Caucasian	-	_		-	_ :	-	-	-	_		-	-	_ :		[ ]
		JapaneseFensle		_	1 -	-	-	-	-	-	-	-	-	- ~	-	-	_
		All otherFemale		_	-	-	-	-	-	-	-	-	-	-	-	-	-
117	Ulcer of s	temach or duodenum	25	_ ا	_	_	_	_	_	2	5	4	4	6	4	_	_
		Hawaiian and Part-HawaiianMale	3 1	-	-	-	-	-	-	1	ĭ	-	î	1		-	-
	}	CaucasianMale	4	-	-	-	-	-	-	-	ī	2	î	-	-	-	-
	-	Female JapaneseMale	9	-	-	~	-	-	-	1	1	1	ž	1	3	_	-
		Pemsle	7	_	-	-	-	-	-	-	2	1	_	4	~		-
		Female	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
119,120	Diarrhea,	enteritis, etc.*	20	12	1	-	-	-	-	2	-	3	-	1 -	1	1	-
		Female	5 2	5	-	-	-	-	-	- 1	-	-	-	<b>-</b>	-	-	-
		Female	1	-	-	-	-	-			-	-		-	ī	-	] -
		JapaneseFemsle	3 2	1	-	-	-	-	-	1 -	-	ī	-	-	-	1	Į .
			] 3	1	1	_		_		1	- 1	_		1			

\*Refer to International List for complete title, table IX.

## SUPPLEMENT-HAWAII

TABLE 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948-Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Fuerto Rico) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Un- der 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 . to 74	75 to 84	85 and over	Not stat- ed
121	Appendicitis	12	_	1	_	1	1,	_	1	1	1	1	4	1	_	_
***	Hawaiian and Part-HawaiianMale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female CaucasianMale	1 2		-	-	-	-	-	-	1 1	ī	1	-	ī		:
4	Penale   Japanese	5	_	-	<u>-</u>	1	-	-	-	_ :	-	<u>-</u>	4	-	-	-
	Female	2	_	1	- 1	-	ī	-	-		-	-	-	-	_	=
	All other	2	! :	]	_				1	1 -	-		-	-	-	
									_		_				_	İ
122	Hernia and intestinal obstruction	20 3	3 1	2 -	_		-	-	1	2 -	5 -	_	2	6 1	1	_
	Female	1	-	-	-	-	-	-	1	-	· -	-	- 1	-	-	-
	CaucasianKale Female	2 3	_	1 -	-	-	-	-	-	ī	ĩ		-	1	_	· -
	Japanese	3	i :	1	-		-	-	-	1	-	-	1	-	_	· [
	All other	7	ī	-	-	-	-	-	-	-	2	-	+	4	-	-
	Female	- 1	-	-	-	-	-	-	-	-	-	-	-		-	-
124	Cirrhosis of the liver	35		<b>-</b>	_	_	_	_	3	5	6	12	2	6.	1	i -
	Hawaiian and Part-HawaiianMale	2	-	-	-	-	-	-	<u>-</u>	-	-	2	-	-	-	-
	Female Caucasian	13	-		_		-	-	ī	7	2	7	ī	ī	-	-
	Female Japanese	10	:		_	-	-	-	-	3	2	1	-	3	ī	
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-		-
	All other	6 3	:	:	-	-	-	_	1	-	5	2	ī	1	_	:
		1	li -	l -			_	_	_						,	1
126,127	Havaiian and Part-Havaiian	7		[			-	_	_	-	2	_	5	1	1	_
	. Female		-	-	-	-	-	-	-	-	ī	i - i	-	1	1	-
	Caucasian	3		· -		-	-		-		-	-	1	-	-	[ -
	Јереневе	1	-	l <u>-</u>		-	- 1		-	-	-	-	- 1	-	-	_
	All other	1 1		-	-	-	-	-	-	-	_	-	ī	-	-	-
	Female	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
130-132	Nephritis	237	1	4	_ :	-1	3	4	1.8	20	32	-35	67	39	15	-
	Hawaiian and Part-HawaiianMale	2D 27	1	l -	] :		-	-	.3	2	1 5	6	5 5	3	3 1	_
	Caucasian	30	-	2	-	1	-	-	2	1	5	6	11	3	-	-
	Japanese	41	_	-	:	ī	-	_	2	ī	3	1 5	2 17	1 10	2	-
	Female	35	-	-	] -	-	2	2	5	5	2	ı.	9	5	-	-
	All other	59 18	1	1 -	_		1	2	1	8 -	7	7 2	15 3	13 3	4 3	-
							•					ļ		6		i _
137	Diseases of the prostate	1D	] [		:		-	_	=	_	-	_	4	1		-
	Caucasian	7	:	_	-	-	-	-	_		-		3 1	4	-	
	All otherMale	ī	-	-	-	-	-	-	_	<u>-</u>	-	_	-	1	-	-
			ł				_	_	_							ĺ
140-150	Diseases of pregnancy, etc.*Female	16 5		] [	_		1 -	5 2	8	1	1	_	-	-	_	_
	Caucasian	4	-	-	-	-	-	2	1	1	-	_	-	-	-	_
	Japanese	5	] =	-	:	-	ï	-	1	_	_	_	-	-	-	-
140,142a,	Puerperal septicemia	3	l _	_		_	1	_	2	_	_ 1	_	_	_	_	l -
145A, 147	Hawaiian and Part-HawaiianFemale	-		-	- 1	-	-	-	-	-	-		-	-	`-	-
	CaucasianFemaleFemaleFemale	ž	_		_	-	_	_	2	-	_ [	_	-	_		-
	All otherFemale	1	-	-	-	-	1	-	-	-	-	-	-	-		-
141a,c,	Puerperal toxemia	6	-	-	- 1	-	-	2	4		-	-	-	-	-	-
144,148	Hawaiian and Part-HawaiianFemale Caucasian	3 -	]	i :	:	-	-	1	2	_ :	_	-	-	-	-	_
	Jenenese	3	l -	-	- 1	-	-	1	2		-	<u>-</u>	-	-	-	_
	All otherFemale	-	-	-		-	-	-	-	- 1		-	-	-	_	_
141b,142b,	Hemorrhage, trauma or shock*	4	-	-	-	-	-	2 1	1	- 1	1	<u>-</u>	-	-	-	-
143,146, 149	Havaiian and Part-HavaiianFemale Caucasian	1 1	-	] :	-	-	-	ī	Ξ,	-	-	-	-	-	-	_
	Japanese	1 -	<u> </u>	-	-		-	-	ī	_	-	-	-	-	<u>-</u>	
		1														1
141d,e,f, 145B,150	Other puerperal causes	3	_	-	_	_	-	1	1	1	-	-	-	_	_	] [
	CaucasianFemale	3	-	-	-	-	-	1	1	1	-		-	-	-	-
	JapaneseFemale All otherFemale	] [	_	_	_	-	-	-	-	_	-	-	-	_	:	-
			İ													
157	Congenital malformations	61 11	46	8	2	3		:	2			-	_		_	:
	Hawaiish end Part-HowaiishNalo Female	2	9	ī	- :	-	-	-	-	-	-	-	-	-	-	-
	Caucasian	4 7	3 6	i		1		<u>-</u>	-	-	-				_	1 =
	JapaneseMale	9	5	1	1	·ī	-		7	-	-,-	-	-	-	-	-
	Female All otherMale	15 5	12 5	5	-	-	-		-	:	_	-	-	-		-
				1 2		l ī										4

\*Refer to International List for complete title, table IX.

TABLE 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948 -Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rica) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEK	Total deaths	Un- der 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not atat- ed
158-161	Diseases peculiar to first year of life	268	258													<b> </b>
	Hawaiian and Part-HawaiianMale Female	35 31	35 31	• • • • • • • • • • • • • • • • • • • •					•••	:::		•••			•••	:::
	CaucasianKale Female	36 21	36 21	• • • •		• • • •		:::		:::		:::	:::	•••	•••	-::
	JapaneseMale	44	44			• • •			•••					•••		
Ì	Female	41 41	41 41						•••				- :::			:::
	Female	19	19		•••	•••		•••	•••		• • • •	•••	•••	•••	•••	
159	Premature birth	166 21	168 21			•••		:	• • •			•••			•••	:::
	PemaleMale	17 28	17 28	•••					• • •							
	Female	11	11	•••	• • • •								[			:::
	JapaneseFemale	32 25	32 25								•••	•••	:::			
	All otherMale Female	22 12	22 12			•••	•••		• • •	:-:				•••		:::
158,160,	Other diseases peculiar to first year of life	1,00	100										l			l
161	Hawaiian and Part-HawaiianMale	14	14	•••					• • •				}	•••		
	Female Caucasian	14 8	14 8	• • • •		•••		:::	•••	:::	• • • •				:::	:::
	Female Japanese	10	16 12	•••		•••		:::	•••	:::	•••	• • • •				:::
}	Female	16	16	• • •					• • • •		•••					
	All other	19 7	19 7	• • • • • • • • • • • • • • • • • • • •	• • • •	•••	-,-	:::	•••			•••	:::		•••	
163,164	Suicide	53	_	-	_	-	2	7	1,0	12	7	7	5	1	2	.
	Hawaiian and Part-HawaiianMale Female	2		-	-	-		-	-	-	-	-	2	_	_	:
	CancasianFemale	16		-	-	-	-	4	s	4 2	3	1	2	-	-	:
	Japanese	20	-		-	-	- :	2	6	2	s	4	1	1	2	-
1	Female All otherMale	5 7	-	-	-	-	1	1 -	1	1 3	ž	1 -	-	_		:
Ì	Female	-	-	-	-	-	- :	-	-	-		-	-	-	-	'
165-168	Homicide	29 5	_	1	- 3	1	1	2	10 1	6 1	5 1	1	1	-		:
	Female	2	- 1	-	-		-	- 2	3	z		-	-	-	-	1 :
	Caucasian	6	-	-	-	-	-	-1	-	1 -	-	-	ī	Ξ	_ =	:
	Japanese	2	_		-	_ :	-	- 1	1 1	-	1 -	-	[	_	-	:
	All other	11		_	-	-	- 1	-	4	2	3	1	-	-	-	:
		1 [				3	17	34	60	26	29	19	15	13	3	
169-195	Accidental deaths	262 38	15	19 6	8 -	1	3	34	12	5	3	8	-	1	-	:
	Female CaucasianMale	9 84	1 3	3	2	-	1 7	20	24	3 7	1 7	4		1 3	1	
	Female JapaneseMale	11 58	-	2 5	1	ĩ	- 3	1 8	2 10	1 4	2	4	- 8	1	1 -	
	Female	12	l	î 1	1	1	- 2	5	2	- 6	1 7	3	2	2	ī	1
	All otherFemale	42 8	1 -	1	-	-	í	-	1		i	1	ì	2	-	
170	Motor-vehicle accidents	86	_	9	4	1	9	15	1.7	2	16	3	6	4	-	
	Hawailan and Part-HawailanMale Female	11	-	2	2	-	1 -	1	5 -		2 1	_	-	_	_	:
	Caucasian	25 4	:	2 -	- 1	-	4	10	5	1	3 2	-	-	- 1	-	1 :
	JapaneseMale	20	-	4	1	-	2	4	3	1	3	-	2	-	-	
	Female All otherMale	4 13	-	-	=	1	ī	-	5 J		1 3	1	3	1 2	_	
	Female	6	-	1	-	-	1	-	1	-	1	1	1	-	-	'
169, 171-195	Other accidents	176 27	12 2	10 4	4	2	8	19	43 7	24 5	13 1	16 2	9	9	3	
171-155	Female	6	1		-	-	1	-	-	3 6	- 1	-	- 1	1 3	-	
	Caucasian	59 7	3 -	5 J	1 -	-	3 -	10 1	19 2	1	4	4 -	-	-	1	
	JapaneseFemale	38 8	1	1	2	1	1 -	4	7 1	3	4	4 2	6 2	1	] [	
	All other	29 2	1	1	1	-	1	2	7	6	4	4	1	- 2	1	
		] [	1	1	2			4	4	13	1.3	14	6	31	11	
162,199, 200	Senility, ill-defined and unknown causesMale	93 16	2	1	2	-	_	-	-	3	1	2	ı	2	2	
	Female CaucasianMale	13	_	-		-	-	_	1	1	5	2 4	_	1	1	i
	Female JapaneseMale	2 21	_	-	-	-	-	3	- 1	2	2	-	1	1 8	- 3	
	Female	5	1	-	-	-	-	-	- 2	- 6	5	- 6	1	2 3	2	i
	All other	26 3	1	-	-	_	-		-	ů	-	-	î	-	í	
	All other causes	227	18	17	16	5	12	13	12	24	32	21	28	17	12	
	Hawaiian and Part-HawaiianMale	28 26	2 2	2 2	2 3	1	2 2	3 2	2 1	3 2	·6	4	5 1	-	ī	
	Female CaucasianMale	33	-	3	s	2	3	1	2	1	7	2	6	s	z	
	Female JapaneseNale	19 42	2 4	2	-	2	2 1	1 3	1	2	1 1	1 6	1 12	3	3 2	1
	Female All other causes	24 41	4 3	s	4 2	-	1	2 1	5	1 10	5 8	1 1	2 1	3 5	-	
			, ,	, -	3		î			ž	2	2	-	ĭ	. ~	1

Table 17.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: HAWAII, 1948 (Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Gauses in the selected list (teble 12, Puerto Rico) for which there were no deaths are not shown)

			·		TY	PE OF SERVIC	E	
CAUSE OF DEATH	Total. deaths	Deaths not in insti- tutions	Deaths in insti- tutions <sup>1</sup>	General hospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Mentel insti- tutions	Other resident insti- tutions
ALL CAUSES	3,104	976	2,128	1,621	131	265	60	17
Cerebrospinal (maningococcus) meningitis	1 4	2 -	1 2	1 2	:	=	. :	
Tuberculosis (all forms)	175 157 18	15 14 1	160 143 17	36 28 8	114 109 5	6 2	4	:
Dysentary	2 30 1	1 3	1 27 1	. 18	2	· 1	<b>-</b> 5	:
Cancer and other malignant tumors	421 234	107 67	314 167	265 146	7	39 17	2 1	
Cencer of female genital organs 48,49 Cencer of the breast 50 Cencer (other sites) 51,47,51-55	41 15 131	11 5 24	30 10 107	26 8 85	-	1 1 17	1	:
Acute rhoumatic fever———————————————————————————————————	6 104 5	- 35	6 69	. 2 . 53	-	13 13	- 1	-
Alcoholism (ethylism)	210 8	- 5 75	5 3 135	5 3 127	-	- 3	- - 4	` .
Diseases of the heart90-95 Chronic rheumatic diseases of the heart90a,92hc,93c,95b Diseases of coronary arteries and angina portorio94	608 34 135	294 8 78	314 26 57	270 24 46	2	14 2	19	
Diseases of the heart (other forms)————905,91,92a,d,e,95a,b,d,e,95a,c Arteriosclerosis and high blood pressure*————————————————————————————————————	439 26	208 9	231 17	200 13	1	4 B 1	5 14 2	
Bronchopneumonia107	128 74 46	40 29 10	88 45 36	60 28 26	-	15 10 4	12 6 6	
Pneumonia (unspecified)	5 3 25	1	4 3 22	2 20	- - 1	1	- - 1	
Dierrhea, enteritis, etc.*	20 12 20	4 1 1	16 11 19	13 11 17	-	1	2	
Cirrhoris of the liver	35 7	6 1	29 6	27 6		1	1	
Neparton — 130-132 Diseases of the prostate — 137 Diseases of programmy, etc.*	237 10 16	43 1 2	194 9 14	119 9 14	-	66 -	1 -	] 3
Puerperal septicemia — — — — — — — — — — — — — — — — — — —	3 6 4	1	2 6	2 6	-	-	-	
Other puerparal onusos141d,e,f,145B,150 Congenital malformations157	5 61	1 - 9	3 3 52	3 3 33	ī	- 1.6	. 2	
Nineases peculiar to first year of life	. 100 268	7 2 5	261 166 95	200 327 73	1	5B 39 19	·-	
Suicide	53 29	45 13	8 16	8 15	-	1	-	:
Motor-vehicle accidents	262 86 176	129 37 92	133 49 84	117 41 76	- -	12 5 7	1	
Sentility, ill-defined and unknown causes	93 227	78 47	, 180	13 144	3	2 28	- 3	-

Refer to International List for complete title, table IX. Includes deaths occurring in institutions of unknown type.

Table 18. DEATHS FROM SELECTED CAUSES: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

			10 100 1110							
			HAWAII COU	FFY	Н	ONOLULU COL	INTY	Kalayao	Kanat	Mant
CAUSE OF DRATE	Havali	Total	Hilo (city)	Balance of county	Total	Honolulu (city)	Balance of county	County	County	County
ALL CAUSES	3,104	520	234	286	2,054	1,654	400	13	214	303
Cerebrospinal (meningococcus) meningitis   6	1 4 175 2 2 30 1 421 6 6 104 210 508 128 20 257 16 61 168 109 53 29 8 8	1 26 8 57 -9 54 122 28 5 11 23 6 6 18 23	11 21 55 -25 -25 52 11 11 11 12 66 67 44 55	1 5 3 3 7 39 70 5 11 19 1 1 8 10	2 111 10 1 288 6 55 112 590 95 111 182 9 9 42 122 75 75 72 72 72 72 72 72 72 72 72 72 72 72 72	102 11 13 13 13 1254 6 59 88 304 469 9 9 166 6 57 7 97 62 223 33	1 9 - 5 - 5 - 5 - 7 18	22	1 15 2 2 2 3 14 18 46 9 3 3 7 7 -	21. 1. 2. 4.7 5. 26 58 7 4. 20 2 2 19 10 2
Other accidents	176 93 375	35 12 57	8 2 39	27 10 27	112 67 245	57 48 197	55 19 48	1 8	6 11 28	22 3 37

#### Table 19.-DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: HAWAII, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATE	Total deaths under l year	Onder 1 day	l day	2 days	3 to 6 days	7 to 13 days	14 to 20 days	21 to 29 days	Under 1 month	l mc.	s s	3 mo.	4 mo.	5 mo.	6 mo.	7 mo.	8 mo.	9 mo.	10 mo.	11 mo.
ALL CAUSES	414	186	37	29	32	14	4	10	312	17	15	15	14	7	6	4	4	8	6	6
Whooping cough	3 1 1 4 2	- 2	-	- - 1	-	- - - -	- 1 1 1 4	- 1 1 1	3	1	1 -		- 1 1 1 1 1	1 - - -	-	- - - 1	1111	- 1 1 1	. , , , ,	1
Pneumonia (all forms) and influenza	45 35 6 2 2	1 1 - -	- - -	2.83	2 1 1 -	- - - -	1 1 - -	-	6 5 1 -	6 3 2 - 1	10 10 - -	7 5 - 2	3 2 1 -	2 1 1 -	2 1 - 1	2 2 -	1 1 - -	1	2 2	3 2 1 -
Other diseases of respiratory system104-106,110-114 Diarrhea, enterting, etc.*	4 12 3 2 1	1	ī. -		-	- -		-	1 2 -	1 2 -	- -	1 -	3	2 -	1 1 -	1		1	1	-
Congenital malformations————————————————————————————————————	46 268 1 168 52 47 39 8	14 167 1 110 30 26 22 4	36 - 19 10 7	2 23 - 12 7 4 3	3 27 - 15 3 9 7 2	6 7 - 5 1 1	1	2 - 2	32 263 1 164 51 47 39 8	3 3 - 3 - -	1	וווווווו	51	1	1 - - - -	111111	1	1	1	-
Accidental deaths	12 4 8 4 6	- 1		- - 1	11111	1111	1 1 - 1	- - 1	1 2 2	1 - - -	1 -	4 1 3 - 1	1	- - 1 -	1 1 - -	11111	2 -	1 1 -	- - - 1	1 1 - 1

<sup>\*</sup>Refer to International List for complete title, table IX.

### Table 20.-INFANT MORTALITY RATES FOR SELECTED CAUSES: HAWAII, 1935-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death ere International List numbers, 1998 revision)

CAUSE OF DEATH	1948	1947	1946	1945	1944	1943	1942	1941	1940	1,939	1938	1937	1936	1935
ALL CAUSES	28.6	31.0	30.1	27.3	30.4	37.1	38.9	40.3	44.7	52.5	58.6	68.9	73.1	67.6
Cerebrospinel (meningococcus) meningitis6	0	0	0.1	0	0.1	0	0	0	0.2	0	0.1	0	0.1	0.1
Whooping cough9 Diphtheria10	0.2	0.8	0	0	0.1	0.9	0.9	0,6	0.7	0.2	1.8	0.9	0.3	1.1
Erysipelas	0	0	0	0	0	0	0.1	0	0	0.1	0.1	0.1	0.1	0.3
Tuberculosis of respiratory system, etc.*	0	0.1 0	0.1	0.1 0.1	0.4 0.1	0.2 0	0.1 0 0.1	0 0 0.1	0.2	0.1	0 0.3	0 0.1 0.2	0.3	0.1 0.4 0.1
Dysentery27	0.1	0.3	0	0	0.2	0.1	0	0	0	0	0	0.2	0.9	0
Syphilis         30           Influenza         33           Measles         35	0 0 0.1	0.1 0 0	0.2 0	0.1 0.1 0.2	0.1 0.2 0.1	0.3 0.8 0	0.3 0.4 0	0.2 0.3 0.3	1.1	0.6 0.3 0	1.0	1.8	2.0	1.7
Convulsions86 Pneumonia (all forms)	0 3.1	0 2.8	0.1 3.1	0.1 3.3	0.2	0 5 <b>.</b> 8	0.4 7.5	0.1 5.6	0 7.8	0.1	0.1 15.6	0.1 19.4	0 17-9	0.3 13.4
Other diseases of respiratory systemi04-106,110-114 Ulcer of stomach or duodenum	0.5	0.4	0.2 0.1	0.2 0	0.3	0.2 0	0.3 0	0.5	0.4	1.4 0.1	0.6 0	1.0	1.8	1.0 0.1
Diarrhea, enteritis, etc.*119 Intestinal obstruction	0.8 0.2	3.0 0.3	1.1	1.1	1.0	1.9	2.5 0.2	2.9 0.1	2.2	3.9 0.4	4.4 0.3	6.7 0.6	8.0 0.5	7.2 0.5
Congenital malformations	3.2 11.6	4.0 10.1	4.3 11.6	3.7 10.2	2.4 11.4	4.4 12.5	3.6 11.7	3.9 13.2	4.6 14.1	3.7 14.8	4.0 13.9	5.5 12.6	6,6 16.1	5.3 16.2
Injury at birth	3.6	5.5	4.0	2.3	4.7	4.0	4.8	4.3	4.4	4.6	4.5	3.2	3.0	3.8
to the first year 3158,161 Other violence or accident166-161,163-195	3.3 0.8	3.2 8.0	1.6 1.9	0.6 2.9	2.2 0.5	2.5 0.8	3.1 0.4	3.5 0.8	3.4 0.4	3.3 1.0	3.9 0.4	3.8 0.6	4.5 1.2	4.8 1.0
Ill-defined and unknown causes199,200	0.3 1.0	1.6	1.6	2.3	2.2	0.3 2.4	0.2 2.4	0.4 3.6	0.2 4.0	0.1 5.1	6.7	6.1	0.1 9.2	9.4

<sup>\*</sup>Refer to International List for complete title, table IX.

\*Trevious to 1939, rates are for bronchitis only.

\*Previous to 1943, included other diseases of the stomach (except cancer).

\*Previous to 1939, included deaths under 3 months only.

### **PUERTO RICO**

Table 1.-LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, PUERTO RICO, 1948

(By place of occurrence. Deaths exclusive of stillbirths)

AREA		LIVE BIRTES		128	RATES (ALL AGE	s)	Deaths under	St111-
(SEX FOR PURETO RICO ONLY)	Total	White	Nonwhite	Total	White	Nonwhite	1 year	births1
PURRIO RICO	87,809	64,634	23,175	26,209	21,215	4,994	6,876	4,388
Male Female	44,841 42,968	33,034 31,620	11,827 11,348	13,877 12,332	11,224 9,991	2,653 2,341	3,777 3,099	2,481 1,907
Ad.juntas	815	790	25	239	230	9	69	25
Amade	757	685	72	240	220	20	n	35
AguadillaAguadilla	2,348 1,218	1,558 794	790 424	780 450	660 374	120 76	224 126	185 121
Releace of municipality	1,130	764	366	330	286	44	98	64 64
Aguas Buenas	669	476	193	196	155	41	43	32
Afbonito	757 670	677 492	80 178	192 240	177 195	15 45	54 79	37 49
Arecibo	3,569	2,868	701	1,510	1,345	165	376	278
Arecibo	1,938	1,543	395	895	797	88	205	196
Balance of municipality	1,631 602	1,325 280	306 322	625 236	\$48 136	77 100	171 68	82 , 39
Barceloneta	676	479	197	287	163	24	48	40
Barranquitae	791	765	. 6	153 913	153 709	204	47 262	25 176
Bayamon	3,047 1,005	2,168 756	879 249	229	180	49	68	48
Balance of municipality	2,042	1,412	630	684	529	155	194	126
Cabo Rojo	1,096 2,286	894 2,163	202 103	283 705	251 641	32 64	95 157	63 135
Caguas	1,335	1,264	71	425	385	40	98	75
Balance of municipality	951.	91.9	32	280	256	24	59	40
Campy	762 854	721 336	41. 518	272 211	261 95	11 116	84 46	35 30
Catano	475	299	176	136	103	33	47	80
Cayey	1,665	1,132	533	479	405	74	107	90
GoidaGinlos	143 729	95 711	48 18	63 163	51. 155	12 8	22 32	6 87
Cidra	734	467	267	151	113	38	35	41
Coemo	1,059	1,018	41	238	232	6	68	57
Comério	743 805	617 769	126 36	158   159	134 150	24 9	53 39	31 34
Culebra	19	6	13	18	- 6	2	ž	2
Dorado	246	168	78	68	51.	17	n	15
Fajardo	1,602 653	916 378	686 275	558 158	339 139	219 19	147 55	109 32
Gnayama~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1,337	763	574	508	352	156	148	58
Guayana	799	430	369	288	199	89	96	39
Balance of wmicipality	538 696	333 568	20S 128	220 172	253 146	67 26	52 49	19
Gue yagho	671	410	261	155	118	37	44	36 23 25
Gwabo	553	349	204	132	92	40	.32	25
Hatillo	631	617	14	196	186	10	48	33
HURCRO	234 1,604	140 783	94 821	71 426	55 265	16 161	27 87	17 65
Isabela	929	850	79	337	285	52	113	42
Jeyuya	687	604	83	167	157	10 212	48	44
Juros	1,209 876	700 767	509 109	347 334	235 281		60 65	45 55
Lajasi	584	495	89	135	122	53 13	42	2
Lares	1,485	1,452	33	451	449	2	170	90
Las Piedras	362 635	345 555	. 17 80	114 192	109 167	5 25	·29	25 25
Loiza	952	367	585	266	87	179	78	44
nquillo	274	166	108	97	54	43	14	
Maricag	1,259 277	688 160	571 117	369 89	262 80	107 9	93 31	40 19
Meunabo	526	293	233	96	27	69	20	, 19
Mayaguez	3,494	2,371	1,123	1,278	3,043	235	315	193 148
Mayaguez	2,633 861	1,802 569	831 292	838 440	682 361	156 79	206 109	45
Moce	798	771	27	24.1	232	9	62	35
Norovis	609	528	81	124	113	11	26	26
Maguabo	95S 550	467 525	468 25	1,99 73	137 72	62 1	· 37 23	28 22
Orocov18	888	820	68	164	156	28	45	37
Patilles	785 509	449 429	537 80	310 209	252 174	78 35	79 52	21
	5,381	4,660	723	2,001	1,622	179	459	335
Ponce	3,642	3,188	454	1,502	1,356	146	320	255
Balance of municipality	1,739	1,472	267	499	466	33	139	80
nebradilles	553 285	542 283	11,	. 155 84	146 81	9	42 29	20
Rio Grande	543	242	302	1.30	72	58	29	22
Rio Piedras	4,021	1,873	2,148	1,462	1,038	424	307	168
Rio Piedras	3,474 547	1,665 208	1,809 339	869 593	61.4 424	255 169	241. 66	151 17
Sabana Grande	616	304	312	168	121	47	45	39
Salinas	1,045	677	368	247	159	88	82	57
Sen German	990 9,593	868 6,367	122 3,226	291 2,433	251 1,825	40 608	83 657	.75 357
San Lorenzo	1,163	848	315	302	248	54	82	55
San Sebastian	1,520	1,468	52	454	439	15	174	83
denta Isabal	638	373	265	168	300	62	52	31
Tog Bala	341. 455	265 159	. 76 296	89 107	77 46	12 61	15   33	1. 20
rujillo Alto	327	174	153	77	51.	26	24	15
Otuado	1,991	1,953	38	520	505	15	129	94
Yega Alta	564 1,140	403	163 396	175 287	125 204	50 83	42 76	10 39
Viegues	289	744 160	129	287 94	204 54	83 40	22	13
7111a1ba	634	527	107	185	166	19	48	20
Yadico=	1,184	768	416	345	272	73	65	58
	1,595	1,580	15	467	450	17	146	75

<sup>1</sup> Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

TABLE 2.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY RACE, PUERTO RICO, 1948

(By place of occurrence)

		1			<del></del>		<del></del>			
			NUMBER ATT	endrd by				PERCENT ATT	ENDED BY—	
AREA (RACE FOR PUERTO RICO ORLY)	Total births	Physician in hospi- tal	Physician not in hospital	Midwife	Other md not speci- fied	Total percent	Physician in hospi- tal	Physician not in hospital	Midwife	Other and not speci- fied
PUERTO RICO	67,809	25,019	1,099	57,164	4,527	100.0	28.5	1.3	65.1	5.2
White Nonwhite	64,634 23,175	17,244 7,775	888 211	43,043 14,121	3,459 1,068	100.0 100.0	26.7 33.5	1.4 0.9	66.6 60.9	5.4 4.6
Adjuntas	815	1	2	534	278	100.0	0,1	0.2	65.5 59.2	34.1 35.1
Aguaddilla	757 2,348	1,084	6 20	448 1,154	266 90	100.0 100.0	4.9 46.2	0.8	49.1	3.8
Aguad 111g	1,218	924 160	14 6	239 915	41 49	100.0 100.0	75.9 14.2	1.1 0.5	19.6 81.0	3.4 4.3
Ralanco of municipality	669	61	11	537	60	100.0	9.1	1.6	80.3	9,0
Albonito	757 670	61	11 30	681 629	4 10	100.0 100.0	8.1 0.1	1.5 4.5	90.0 93.9	0.5 1.5
Arec1bc	3,569	1,674	28	1,722	145	100.0	46.9	0.8	48.2	4.1
AreciboBalance of municipality	1,938 1,631	1,512 162	15 13	400 1,322	11 134	100.0	78.0	0.8 0.8	20.6 81.2	0.6 8.2
Arroyo	602	145	S	452	3	100.0	24.1	0.5	75.1	0.5 0.3
Barranquitas	676 791	62	40	612 696	2 55	100.0	9.2	0 5.1	90.5 88.0	7,0
Bayanon	3,047	2,052	18	895 280	82 16	100.0	67.3 70.0	0.6 0.6	29.4 27.9	2.7 1.6
Halance of municipality	1,005 2,042	703 1,349	6 12	615	66	100.0	66.1	0.6	30.1	3.2
Cabo Rolo	1,096	182 776	40 5	860 1,442	14 63	100.0	16.6 33.9	3.6 0.2	79.5 63.1	1.3 2.8
Caguas	2,286 1,335	176	5	538	16	100.0	58.1	0.4	40.3	1.2
Balance of municipality	951	- 1	4	904 702	47 55	100.0	0.1	0 0.5	95.1 92.1	4.9 7.2
Carolina	762 854	121	i	729	3	100.0	14.2	0.1	<b>85.4</b>	0.4
Cayer	475 1,665	278	5 3	425 1,250	45 134	100.0	0 16.7	1.1	89.5 75.1	9.5 8.0
Ceiba	143	-	_	135	8	100.0	٥	0	94.4	5.6
Cidre	729 7 <b>34</b>	94	12	614 615	118	100.0	12.9 0.1	1.6	84.2 83.8	1.2 16.1
Coemo	1,069	51	123	685	-	100.0	4.8	11.6	B3.6	i -
Corozal	743 805	5 -	5	686 797	47	100.0	0.7	0.7	92.3 99.0	6.3 0.6
Culebra	1,9	- 1	-	17	2	100.0	٥	0	89.5 87.8	10.5 11.4
Pajardo	246 1,602	1,315	10 10	216 225	26 52	100.0	62.1	0.8 0.6	14.0	3.2
Guanica	653	96 i	7	547	1	100.0	15.0	1.1	83.8 76.1	0.2 9.1
Guayana	1,337	191 191	7 5	1,017 569	122 35	100.0	14.3 23.9	0.5 0.6	71.1	4.4
Balance of municipality	538	- 1	. 5	449	87 88	100.0	0	0.4 0.1	83.5 87.2	16.2
Gueymilla	696 671	64	1 2	607 570	35	100.0	9.5	0.3	84.9	5.2
Gurabo	553	130	-	281	142 8	100.0	23.5 0.3	0.2	50.8 98.3	25.7 1.3
Hatillo	631 234	19	1	620 208	6	100.0	8.1	0.4	88.9	2.6
Isabela	1,604	638 8	9	835 913	122 5	100.0	39.8 0.9	0.6 0.3	52.1 98.5	7.6 0.5
Javuva	929 687	101	] -	515	71	100.0	14.7	0	75.0	10.5
JuneosJuneos	1,209 876	362 187	9 31	673 634	165 24	100.0	29.9 21.3	0.7 3.5	55.7 72.4	15.6 2.7
Le.188	584	29	2	542	11	100.0	5.D	0.3	92.8	1.9
Lares	1,485 362	269	14 1	910 <b>348</b>	272	100.0	19.5 0.3	0.9 0.3	61.3 96.1	19.3 3.3
Les Piedras	635	i	-	53.8	116	100.0	0.2	0	81.6	18.3
Loiza	952 274	131	7 2	797 220	17 51	100.0	13.8 0.4	0.7 0.7	83.7 80.3	1.8
Mannti	1,259	286	53	910	10	100.0	22.7	4.2	72,3	0.8
Mericao	277 526	34 29	_	190 494	53	100.0	12.3 5.5	0	68.6 93.9	19.1 0.6
Mayaguez	3,494	1,498	114	1,777	105	100.0	42.9	3.3	50.9	3.0
MeyeguezBalance of municipality	2,633 861	1,499	93 21	1,016 761	26 79	100.0	56.9 0	3.5 2.4	38.6 88.4	1.0 9.2
Moce	798	2	4	778	14	1.00.0	0.3	0.5	97.5	1.8
Marovis	609 955	19 338	1 -	582 459	7 158	100.0	3.1 35.4	0.2 0	95.6 48.1	1.1 16.5
Naranjito	550	1	1	539	9	100.0	012	0.2	98,0	1.6 3.5
Orocovis	888 785	30	2 10	853 731	31 14	100.0	0.2 3.8	0.2	96.1 93.1	1.8
Penuelas	509	- 1	2	497	10	100.0	0	0.4	97.6	2.0
Ponce	5,381 3,642	1,594 1,595	35 17	3,634 1,970	118 62	100.0	29.6 43.7	0.7 0.5	67.5 54.1	2.2
Balance of cunicipality	1,739	`ı	16	1,664 545	56	100.0	0.1 1.3	1.0	95.7 98.6	3.2
Quebradillas	553 265	7		283	2	100.0	1.3	0.2	99.3	0.7
Rio Grande	543	2	.8	526	7	100.0	0.4	1.5	96.9 34.3	1.3
Rio Piedras	4,021 3,474	2,619 2,601	19 17	1,381 855	2	100.0	65.1 74.9	0.5 0.5	24.6	0.0
Balance of municipality	547	18	2	526	1 76	100.0	3.3 13.8	0.4 10.9	96.2 63.0	0.2 12.3
Salines	616 1,045	85 213	67 6	388 648	178	100.0	20.4	0.6	62.0	17.0
San German	890	312	1.7	462	199	100.0	31.5	1.7	46.7	20.1
San Juan, coextensive with San Juan (city)	9,593	6,639	200	2,630	124	100.0	69.2	2.1	27.4	1.3
San Lorenzo	1,163	52	3 24	1,079	29 29	100.0	4.5 8.3	0.3 1.8	92.8 86.2	2.5 1.9
San Sebastian	1,520 638	126	24.	1,341 489	31	100.0	18.2	0.3	76.6	4.9
Toa Alta	541	]] -	2 7	313 351	26 15	100.0	0 18.0	0.6 1.5	91.8 77.1	7.6 3.3
Trujillo Alto	455 327	82	í	326	-	100.0	0	0.3	99.7	0
Wtundo	1,991	186	7	1,584	214	100.0	9.3 1.6	0.4	79.6 97.7	10.7
Vega Alta	1,140	107	6	551 1,025	2	100.0	9.4	0.5	89.9	0.2
VicquesVillalba	289	38	6	237	14	100.0	13.1	0.9	82.0 96.9	4.8 0.2
Yabucoa	1,184	232	15	627 875	62	1,00.0	19.6	1.3	73.9	5.2
		107	4	1,346	138	100.0	6.7	0.3	84.4	8.7

<sup>1</sup> It is assumed that all births in hospitals or institutions are attended by physicians.

#### Table 3.-LIVE BIRTHS BY SEX AND MONTH: PUERTO RICO, 1948

SEX	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	87,809	7,412	6,955	7,662	7,828	7,750	7,239	7,068	6,934	7,488	7,386	7,019	7,068
MaleFemale	44,841 42,968		3,488 3,467	3,923 3,739	3,983 3,845	4,014 3,736	3,705 3,534	3,642 3,426	3,571 3,363	3,805 3,683	3,783 3,603	3,608 3,411	3,578 3,490

#### Table 4.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: PUERTO RICO, 1948

						AGB OF M	OTHER				
RACE	Total	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 years	Not
	births	years	years	years	years	years	years	years	years	and over	stated
AIL RACES	87,809	43	9,836	27,658	19,608	11,458	9,107	1,891	. 344	31	8,843
WhiteNonwhite	64,634	28	6, 909	20,404	14,492	8,441	6,033	1,429	258	28	.6,612
	23,175	15	2, 927	7,254	5,116	3,017	2,074	452	86	3	2,231

#### Table 5.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: PUERTO RICO, 1948

(Birth order refers to number of children born alive to mother)

						AGE OF M	THER	•			
BIRTH ORDER	Total births	10-14 yeara	15-19 years	20-24 years	25-29 Years	30-34 years	35-39 years	40-44 years	45-49 years	SO years and over	Not stated
TOTAL	87,809	43	9,836	27,658	19,608	11,458	8, 107	1,881	344	31.	8,843
First child— Second child— Third child— Fourth child— Firth child— Firth child— Seventh child— Eighth child— Rinth child— Rinth child— Tenth child— Tenth child— Tenth child— Tenth child—	17,670 16,610 11,522 9,225 7,358 6,085 4,593 3,654 2,621 1,947 1,221	39 21 - - - - - -	6,166 2,821 671 137 21 6 5 - -	7,057 7,979 5,154 3,179 1,633 751 275 99 50 31	2,131 2,977 2,909 2,944 2,781 3,269 1,413 812 337 189 72	647 948 1,073 1,206 1,282 1,415 1,332 1,171 847 S50 298	243 334 444 558 637 762 892 938 873 750 520	44 50 59 73 81 131 142 166 195 205 187	11. 12. 10. 15. 9. 18. 19. 27. 27. 38. 33.	- 22341462213	1,332 1,465 1,295 1,110 910 722 511 433 290 166
Thirteenth child and over	1,223 3,232	i	-9	1,422	37 804	126 403	547 219	346 37	90 3	1 -	7. 33

#### Table 6.-LIVE BIRTHS BY RACE AND BIRTH ORDER: PUERTO RICO, 1948

(Birth order refers to number of children born alive to mother)

		L.			,		ВІ	RTH ORDER							
RACE	Total births	lst	24	3a	4th	5th	6th	7th	8th	9th	30th	llth	12th	13th and over	Not stated
ALL RACES	87,809	17,670	16,610	11,522	9,225	7,358	6,085	4,593	3,654	2,621	1,947	1,221	848	1,223	3,232
White	64,634 23,175	13,061 4,609	12,441 4,169	8,460 3,062	6,656 2,569	5,360 1,998	4,442 1,643	3, 537 1, 256	2,691 963	1,952 689	1,465 482	959 282	640 208	921 302	2,289 943

#### Table 7.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: PUERTO RICO, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is symonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

RACE	Total births	Total cases (single and	Cases of single		LURAL BIRTHS E CHILD WAS B	
	V11 646	plural)	birthe	Total	Twins	Triplets
ALL RACES	87,809	87,015	86,204	911	<sup>1</sup> 807	4
White	64,634 23,175	64,095 22,920	63,545 22,659	550 261	547 260	3

#### Table 8.-MARRIAGES AND DIVORCES: PUERTO RICO, 1946-48

TRAR	Number of marriages	Number of divorces
1948	15,379	3,334
1947	16,779	3,582
1946	ZO,345	4,047

Excludes 46 cases of twins in which only one mate was reported.

Table 9.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE. 1948

(By place of occurrence. Exclusive of stillbirths)

Aliza
Adjustas   238   259
Againala
Section

 $<sup>^{1}</sup>$ Includes deaths occurring in institutions of unknown type.

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TABLE 10.- DEATHS BY AGE, RACE, AND SEX: PUERTO RICO, 1948

(Exclusive of stillbirths)

									_																			
RACE AND SEX	Total deaths	Under 1	1	2	3	4	Under 5	5 to 9	10 to 14		20 to 24	25 to 29	30 to 34	to	to	· to	to	to	60 to 64	65 to 69	70 to 74	75 to 79	to	to		to	100 and over	Not stat- ed
ALL RACES	26,209	6,876	1,966	1,176	680	386	11,086	856	344	585	1,063	1,031	856	969	759	790	842	791	1,030	1,066	1,002	713	829	606	460	240	278	,13
Male Fenale	15,877 12,332	3,777 3,099	979 987	552 626	347 333	168 198	5,843 5,243	451 405		268 31.7	526 537			525 444					616 414	607 459						98 142	93 185	9'
White Male Female	21,215 11,224 9,991	5,925 3,239 2,686	1,627 620 807	962 445 517		150	4,946	708 357 351	140		833 417 416	377	338	755 409 346	297	358	394	379	788 466 322	846 482 364	789 446 343	341.	337	229		73	200 67 133	9 5 4
Nonwhite Male Female	4,994 2,653 2,341	951 538 413	339 159 180	216 107 109	105 55 50	74 38 36		148 94 54	44		230 109 121	252 133 119	98	214 116 98	213.		202		242 150 92	220 125 95	21.3 11.5 96	77	72	132 52 80	40	63 25 38	78 26 52	4

TABLE 11.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

	(Exclusive of s	tillbirt	hs. Caus	es for 1	chich the	re were no deaths are not shown)			
Int. List No.	CAURIE OF DRATE:	Total deaths	White	Non- white	Int. List No.	CAUSE OF DEATH	Total deaths	White	Non- white
	ALL CAUSES	26,209	21,215	4,994		IICancer and other tumorsContinued		1	1
	ALLO CHOLED	20,203	42,020	1,00-		Concer and other well-ment toware-Continued	1		l
				l	47	Cancer of respiretory system  Cancer of larynx  Cancer of trachea	79	62	
	IInfectious and parasitic diseases	5,402	4,238	1,164	47a 47b	Cancer of larynx	36	30	
1	Perhald Sever	24	18	اء ا	470.0	Corres of bronching and lime	ו אצו	2 28	
ž	Typhoid fever	ı	l ĩ	-	47e 47f 48	Caricar of plaura	1	ĩ	
5	Undulant fever (brucellosis)	1 1	1	l -	47£	Cencer of other repriretory prepare	. 21	1 1	1 1
6 9			108	1 7	48 48a	Cancer of uterus	254 32	204 22	50
10	Macoping cough————————————————————————————————————	86	76	100	48b	Cancer of other and unspecified sites of uterus-	222	182	- 10 40
ii	Erysipeles	3	'ž	l "i	49	Cancer of other female genital organs	15	9	Ĕ
12	Tetanus	128	106	22		Cancer of owers, fallonian tube, and narrowstrian-	اددا	6	6
					49c-e	Cancer of other female genital organs	3	- 3	- 6
13-22 13	Tuberculosis (all forms)	3,861 3,634	2,998 2,799	873 835	50 52	Cancer of male constal organi	25 55	19 44	17
14	Tuberculosis of meninges, etc.	149	122	27	53b	Cancer of prostate	45	36	11. 9 2
15	Tuberculosis of intestines and peritonsum	22	20	2	51a,c-e			8	2
16			3	1	52	Cancer of urinary organs	44	36	8
17	Tuberculosis of bones and joints, etc.*	2	2	-		Cancer of the mail gential organs————————————————————————————————————	В	8	-
18 19	Tuberculosis of skin, etc.*	18	1 15	3	52b 53			28 16	8 6
20	Tuberculosis of genito-urinary system	l i	I 1	-	54	Cancer of central nervous system*	1 21	l "i	ľ
ZI	Tuberculosis of other organs	1	1	-	55	Cancer of other and unspecified organs	72	62	10
22	Tuberculesis of genito-winery system	29	24	5	56,57	Nonnalignant tumors and tumors of unspecified			l
23	Leprosy	ايا	3	ا ا		nature	83	65	18
24	Septicania and purulent infection (nonpuerperal)	38	35	3	56	Normalignant tumors (including dermoid cysts)	8	7	1
25	Gonggogges infection	2	2	f -I	56a-c 56e	Normalignant tumors of female genital organs Normalignant tumors of other and unspecified	5	1 4	1
27	Dysentery	79	67	12	206	organs	3	3	
28 30	Maleria	248 182	178 137	70 45	57	Tumors of unspecified nature	75	58	17
30a		i ∗al	3	45	57a-c	Tumors, female genital organs (nature unspecified)-	13	6	5
30b	General paralysis of income  Aneurysm of sorts  Congenital syphilis	8	8	- 1	574	Tumors, central nervous system* (nature unspecified)	14	13	1
30ā	Aneurysm of sorts	38	27	17	57e	Tumors, other organs (nature unspecified)	50	39	l n
30f 30c.e.g			38 61	4 30			1 1		
300,0,g	Other diseases due to spirochetes	26	21	5		III.—Rhenmatism, diseases of nutrition, etc. *-	484	409	75
32 33 35 36 37 38	Other diseases due to spirochetes	170	144	26	58	Acute rheumatic fever	22	16	6
35	Monsles	223	182	41	56b	Acute rhowatic cudecerditis	65	5	2
36	Policewelitis and policencephalitis (acute)	3	2 2		58e,f	Other forms of scute rheumatic fever, etc. *	151	ı ŭ	4
38	Acute infectious encephalitis (lethargic)	l żi	ż	]	59	Chronic rheumatica, other rhousatic diseases	16	12	4
39	Typhus fever and typhus-like diseases*	1 61	[ 6	-	61. 63	Diseases of thyroid and parathyroid glands Simple goiter	104 13	80 13	24
40		1 291	23	6	63a	Simple coltar	삡	"i	
42 43	Other diseases caused by helminths	105 42	85 32	20 10	63b	Exophthalmic goiter	6	6	
44	Other infectious and parasitic diseases	10	10		63с-е	Uther diseases of thyroid and parathyroid glands-	ŧ 61	6	i -
	· · · · · · · · · · · · · · · · · · ·				64 65	Diseases of thymus gland	3	3	-
	IICancer and other tumors	1,314	1,073	241		Other general discusses	1 53	47	6
	Annual Chie could added a	,	,0		67	Other general diseases	l űl	l i	
45-55	Cancer and other malignant tumors	1,231	1,008	· 223	68	Beriberi		5	ī. 7
45	Cancer of buccal cavity and pherynx Cancer of its Cancer of togue Cancer of togue Cancer of togue	67	56	11 1 1 4 2	69 70	Pellagra (except alcoholis)	181	15	7
45a	Cancer of lip	2	1	1	71	Other syltaminoses	191	163 53	18
45b	Cancer of tongue	12	10	1	l'- I	VIII. 04130mmobbs	"	"	
45c 45d	Cencer of jaw bone	14	10	9		IV Diseases of the blood and blood-forming	1	1	
45e	Carcan of unerseaffied newto of buscal constru-	1 1	1	-	1	organs	304	252	52
45£	Cancer of pharynx	30	27	3	72	Henorrhagic conditions	11	11	-
46	Cancer of Aigestive organs and maritements	596	499	97	73	Amenta (except splanic anemia)  Pernicious anemia	271	224	47
46a.	Cancer of esophagus  Cancer of storach  Cancer of rectum and amus	49	43	6	73a 73b-d			79 145	16 31
46b	Cancer of storach	384	319			Leukemias and aleukemiae  Leukemias  Discense of spleen	19	15	4
46d 46e	Concer of intestines ato #	561	12 48	6	74a	Leukenias	19	15	4
46£	Cancer of liver and biliary passages	56 64	56	8	75	Diseases of spleen	.3	Z	1
46g	Cancer of liver and biliary passages	18	15	3	]	VChronic poisoning and intoxication	1 1	25	_
46h			2	1	77				6
46m. i	Cancer of other and unspecified sites	1 41	1 4	-1	J 77	Alcoholism (ethylism)	31.	25	6

Refer to International List for complete title, table IX.

#### TABLE 11.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

	(MACTURITO 12 B					, ,			
Int. List No.	CAUSIE OF DEATH	Total desths	White	Non- white	Int. List No.	CAUSE OF DEATH	Total deaths	White	Non- white
	VIDiseases of the nervous system, etc.*	1,117	892	225		XDiscoses of the genito-urinary system	1,022	792	230
ap 08	Encephalitis (nonepidenic)	23	21	2	130	Acute nephritis	233	191	42
81	Meningitis (not due to meningococcus)	180	158		131	Chronic nephritis	579	436	143
82	Diseases of spinal cord (see exceptions)*	730	574		131a 131b	Arteriosclerotic kidney	1.96 383	150 286	46 97
83 83a	Intracranial lesions of vascular origin	576	446		132	Nephritis unspecified (10 years and over)	114	87	27
83b,c	Cerebral embolism, thrombosis, and softening	30	27		133	Other diseases of kidneys, wreters, etc. *	48	40	8
83a	Hemiplegia, other paralysis, etc. *	124	101		134	Calcult of uninary magages	61	6	1 :
84	Mental diseases and deficiency (see exception)*	41	32		135	Diseases of urinary bladder	끡	B 1	3
85 86	Epilepsy	781	54. 30	24	136 137	Diseases of wrostste	1 าจไ	14	5
87	Other diseases of nervous system	9	8	ı		Expertrophy of prostate	131	1 11	2
88	Diseases of Crgans of Vision	[ 1 ]	1		137ъ	Other diseases of prostate	6	3	3
89	Diseases of ear and mastoid process	14	10	4	139	Diseases of female genital organs	11	9	s
			2,117	C7.7	139a 139b	Diseases of overies, fallopian tubes, parametria- Diseases of uterus	6 4	5	1 1
	VIIDiseases of the circulatory system			61.3 507	139c	Diseases of other female genital organs*	i	ĭ	=
90-95 90	Diseases of the heart (all forms) Pericarditis (except acute rheumatic)	2,275 3	1,768	307		XIDiseases of pregnancy, childbirth, and		1	
90b	Other pericarditis	3	š	-		the puerperium	255	201	54
91	Acute endocarditis (except rheumetic)	15	9	6	1 1				
9la,b	Bacterial, acute, and subscute endocarditis	8	3		140	Abortion with mention of infection	7	3	4
91c	Endocarditis (unspecified, under 45 years)	222	176		141 141b	Abortion without mention of infection Abortion (nonseptic), spontaneous, therapeutic,	7	7	1 -
92 92a	Chronic affections of valves and endocardium Diseases of acrtic valve, etc.*	222 29	176 23	30 6		without toxemia*	5	5	-
92b	Diseases of mitral valve, etc. *	59	42		141d-f	without tomemia*	ž		- 1
92c	Chronic rheumatic endocarditis, etc. *	2	-	2	142	Ectopic gestation	6	3	3
924	Other chronic endocarditis, etc. *	93	78		142a	Ectopic gestation, with mention of infection	11	1 :	1
920	Endocarditis (unspecified, 45 years and over)	39	506		142b 143	Ectopic gestation, without mention of infection Hemographics of pregnancy (death before delivery)		3 3	2
93 93a	Diseases of the myocardiumAcute myocarditis (except rheumatic)	10	9		144	Toxemias of pregnancy (death before delivery)		zĕ	a
93b	Myocarditis (unspecified, under 45 years)	4	4		145	Other diseases of pregnancy (death before delivery) *-	14	10	4
93c	Characte whereatte arrespondition at a #	. 1	1		145A	With mention of infection	1 2 1	1	1
934	Other chronic myocarditis, etc. *	i 509 l	404		145B	Without mention of infection	12	9	3
93e	Other myocarditis (unspecified)	102	88 31.3	17	146 147	Hemorrhage of childbirth and puerperium Infection during childbirth and puerperium	97 34	76 28	21 6
94 94a	Diseases of coronary arteries, angina pectoris Diseases of coronary arteries	l 381. i	293	88	148	Puerperal toxemias (excluding death before delivery)-		12	3
94b	Angina pectoria	1 26	20	6	149	Other accidents and specified conditions of	1 [		١.
95	Other diseases of heart	1 999	761	238		childbirth	1,6	14	s
95a	Functional diseases of heart, etc. *	54 29	43 20	11	1.50	Other and unspecified conditions of childbirth and puerperium	20	17	3
95b 95c	Other diseases of heart (rheumatic)	916	698	218		Num bast bar interessed	l "i	1 -	ĺ
96	Ameurysm (except of heart and sorts)	310	, Z	1		XII Diseases of the skin and cellular			
97	Arteriosclerosis (except coronary or renal		ll .		lt.	tissue	36	28	8
	sclerosis)	359	274	85		la., , ,a ,	5		2
98	GangrensOther diseases of arteries	13 23	11 18	2 5	151 152	Carbuncle and furuncle	10	5 7	3
100	Diseases of Veins	1 8	7	li	153	Other diseases of skin and cellular tissue	21	18	3
101	Diseases of lymphatic system	1 6	5	1	l		i _	] _	
102	High blood pressure (idiopathic)	38	32	. 6		XIII Diseases of the bones, etc. *	. 5		2
103	Other diseases of circulatory system	5	ll -	5	154	Ostcomyelitis and periostitis	3	2	1
1	VIII Diseases of the respiratory system	3,092	2,581	511		Diseases of joints, other organs of movement		ī	
104	Diseases of masal fossae, accessory sinuses	4	] 3	1	[[	XIV. —Congenital malformations	311	271	40
105	Diseases of larynx	3	3	-		<u></u>		7.0	
106	Bronchitis	266	222	258		Congenital malformations of central nervous system- Congenital malformations of cardiovascular system-		76 131	13 16
107 108	Bronchopneumonia (including capillary bronchitis) Lobar pneumonia	235	1,397 190	45		Other congenital malformations		64	
109	Preumonia (umanacified)	701	585	116				ll	
109A	Attnical or virus imelection		1	-		EV Diseases peculiar to the first year			l
109B	Preumonia (all other umapecified)	700	564	176		of life	1,906	1,621	285
110	Pleurisy (not tuberculous)	ZI	15 48	12	158	Congenital debility (cause not stated)	789	662	127
112	Hemorrhagic infarction, thrombosis, edema*	125	100	25	159	Dramatina high (anima not stated)	เลลา	590	91
113	Pulmonery emphysema	2		1	760	Injury et birth	154	125	
114	Other diseases of respiratory system (except			_	161	Other diseases peculiar to first year of life	282	244	38
114c-e	tuberculosis) Other diseases of respiratory system (except	20	17	. 3	765	XVI. —Semility	. 612	475	139
1140-0	tuberculosis)	50	17	3				l <del></del>	<del></del>
	IX Diseases of the digestive system	4,561	3,774	787		XVII Violent or accidental deaths	1,412	1,128	284
	тит этвоесов от опе птКоветла вавени	1,552	<del>  -,*</del>	<del> </del>	163,164	Suicide	458	376	82
115	Diseases of buccal cavity and adnexa, etc. *	19	17	2	163	Suicide by poisoning	1.90	158	
116	Disposes of escriberas	9	6	3	164	Suicide by other means		218	
117 117a	Ulcer of stomach or duodenum	95 82	77 66	18 16	11702-700	Hcmicide1	306	241	65
117b	Ulcer of duodexum	13	l n	2	11700	Homicide by firearms	140	115	
118	Other diseases of stomach (except cancer)	55	47	6	150	Homicide by cutting or piercing instruments Homicide by other means	118 48	84 42	34 6
119	Diarrhea. enteritis. etc. * (under 2 years)	2,869	2,398	471	11	Accidental deaths		li	4
120	Discribes, enteritie, etc. * (2 years and cver)	1,063	861	192	169-195 169	Hailway accidents (except collisions with motor	648	513.	137
121 122	Appendicitis	27 84	20 69	15		wahi alaa l	16	14	2
122 122a	Hown's a	1 28	23	5		Motor-vehicle accidents	232	176	
122b	Integtinal chatmation	56	46	10		Automobile accidents (except collisions with			1
123	Other diseases of intestines	32	28	4		trains or streetcars)	227	173	54
124	Cirrhosis of liver	236	180	56		Motorcycle accidents (except collisions with automobiles)	. 5	3	2
124н 124b	Cirrhosis of liver with mention of alcoholism Cirrhosis of liver without mention of alcoholism		23 157	48		Streetcar and other road-transport accidents			
125	Other diseases of liver	36	32	4		Other and unspecified road-transport accidents	9	8	1
126	Biliary calculi	9	9	-	173	Air-transport accidents	. 3	3	1 -
127	Other diseases of gallbladder, biliary ducts	16	16	-	174	Accidents in mines and quarries	1	II :	1
128	Diseases of pancreas (except diabetes mellitus)	1.0	8	2		Agricultural and forestry accidents	3 3	3 3	1 -
129	Peritonitis (causes not stated)	11	6	, 5	175a-c	1 ver renten er accidente.	. ,		

\*Refer to International List for complete title, table IX.  $^{\rm l}$  Includes figures for infanticide (185).

Table 11.- DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO. 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total deaths	White	Non- white	Int. List No.	CAUSE OF DEATH	Total deaths	White	Non- white
	XVII.—Violent or accidental deaths—Con. Accidental deaths—Continued			:		XVII Violent or accidental deaths Com Accidental deaths Continued			
176	Other accidents involving machinery	10	9	1	191	Excessive heat	1 1	1	-
177	Food poisoning	6	5	1	192	Lightning	6	. 5	1
178	Accidental absorption of poisonous gas		3	-	193	Accidents due to electric currents (except		ĺ	i
179	Acute accidental poisoning by solids or liquids			4		lightning)	15	n	4
181	Accidental burns (except conflagration)		37	8	194	Poisoning by venomous animals (except in	1 [		
182	Accidental mechanical suffocation		3	-		egriculture and forestry)*		. 1	-
183	Accidental drowning			34	195	Other accidents		54	14
184	Accidental injury by firearms	15	15	-	195a .	Obstruction, suffocation, etc.*		9	2
185	Accidental injury by cutting or pieroing				195c,e	Other and unspecified accidents	37	25	12
	instruments			-			}		
186	Accidental injury by fall or crushing			10		XVIIIIll-defined and unknown causes	1,615	1,337	278
186a	Accidental injury by fall	75	65	10					
1866	Accidental injury by crushing	5	5	-	199	Sudden death	52	45	7
188	Injury by animals (except in agriculture and	1		1	200	Ill-defined and unknown causes	1,563		
	(Greatry)	1	1	i -	200a.	Ill-defined causes		206	48
189	Hunger or thirst	2	2	-	200ъ,с	Unknown or unspecified causes	1,309	1,086	223

Refer to International List for complete title, table IX.

Table 12.—DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: PUERTO RICO, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	. Total deaths	Jan.	Feb.	Mur.	Apr.	May	June .	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES	26,209	2,145	2,065	2,168	2,077	2,273	2,235	2,415	2,327	2,244	2,205	2,022	2,033
Malo Foncilo	13,877 12,332	1,163 982	1,115 950	1,140 1,028	1,107 970	1,244	1,14Z 1,093	1,272 1,145	1,209 1,118	1,181 1,063	1,151 1,054	1,102 920	1,051 982
Typhoid and paratyphoid fever	25 8 121	1 1 - 32	2 2 - 10	1 1 - 12	2	1 1 - 3	2	4 -	1	2 2 - 10	2	3 1	4 - - 10
Macoping cough Diphtherin	86	32 304	11 351	5 335	4 349	3 357	341	4 310	12	7 31.7	10 293	8 291	8 284
Tuberculosis of respiratory system, etc. 1. Tuberculosis (other forms)14-22	3,861 3,634 227	294 10	324 27	313 22	31,8 31	338 19	522 19	297 13	309 20	300 17	279 279 14	275 16	265 19
Dynantery       -27         Malaria       28         Syphilia       30         Measles       35         Policayelitis, policoncepholitis (acuto)       36	79 248 182 223 2	9 26 16 6	5 17 9 23 1	11 23 21 24	7 22 14 16	12 22 11 30	9 22 15 33	23 20 31	3 32 14 13 1	6 16 14 13	6 17 14 11	3 15 17 11	13 17 12
Cancer and other malignant tumors————————————————————————————————————	1,231 596 269 25 341	96 48 22 - 26	98 49 19 - 30	114 55 25 2 32	102 45 19 1	104 50 26 5 23	119 55 30 4 30	74 36 15 2 21	120 61 26 1 32	108 59 20 2 27	1.09 54 25 3 27	89 39 21 4 25	98 45 21 1 31
Acute rheumatic fever	22 104	5	1 11	3 10 2	1 2 1	10	1 7	, 10 1	10	1 9	10	3 10	.1
Alcoholism (ethylism)	22 31 730	3 3 76	1 50	1 4 50	1 4 50	2 3 78	5 1 60	2 2 55	1. 4. 70	2 5 57	1 3 52	4 2 67	1 2 85
Diseases of the heart90-95 Chronic rhematic diseases of the heart90a,92b,c,93c,95b Diseases of coronary arteries and angina pectoris94 Diseases of heart (other forms)90b,91,92a,d,e,95a,b,d,e,95a,c Arteriosclerosis and high blood pressure*97,102	2,275 91 407 1,777 397	190 6 36 148 37	205 5 37 161 29	206 13 41 152 51	197 9 29 159 37	216 5 42 169 28	156 6 32 118 22	212 8 46 158 36	183 10 27 146 35	183 6 33 144 35	182 8 34 140 43	182 6 30 146 31	165 9 20 136 33
Pneumonia (all forms) and influenza	2,761 1,655 235 701 170	187 120 16 46 5	161 97 17 42 5	196 128 18 44 6	222 143 20 4J 12	218 133 18 56 11	191 127 12 49 3	247 161 21 50 15	256 138 24 61 33	311 169 23 93 26	336 204 34 73 25	237 111 20 85 21	199 124 12 55 8
Ulcer of stomach or duodemua	95 3,922 27	5 303 2	8 277 2	5 269 1	6 256	11 362	11 436 1	5 449 2	9 397 7	11 313 4	10 279 3	. 9 278 2	5 303 3
Hernia and intestinal obstruction	84 236 25 926 19	5 26 4 86 1	6 15 1 104 1	6 21 79 2	11 16 2 89 1	62 62	.7 20 72 2	14 21 6 85 2	10 23 3 70 6	5 21 3 76 1	5 16 1 71	25 2 74 1	3 17 1 58 1
Diseases of premsmcy, etc.*	255 44 51 126 34	17 4 3 7 3	13 4 5 3 1	25 1 10 9 3	20 2 4 8 6	21. 4 7 10	18 6 10 2	31. 5 7 16 3	20 5 2 10 3	18 1 12 5	30 7 2 17 4	20 3 12 2	24 3 7 12 2
Congenital malformations	311 1,906 681 1,225 458 306	31 185 68 117 29	22 159 66 93 40 23	27 159 55 106 43 26	22 148 49 99 28 23	25 173 58 115 41 27	25 154 50 104 50	30 176 63 113 43 19	31. 143 57 86 46 22	25 171 58 113 42 33	26 127 43 84 35 31	23 149 52 97 30	24 162 64 98 31 26
Accidental deaths	306 648 232 416 2,227 2,350	33 9 24 159 223	23 44 20 24 183 182	57 21 36 200 200	23 65 22 43 162 188	27 66 23 43 177 177	64 25 . 39 174 190	50 23 37 222 204	47 15 32 201 198	54 26 38 170 191	58 20 38 208 207	43 13 30 177 182	26 47 15 32 194 208

\*Refer to International List for complete title, table IX.

Table 13. -DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948
(Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

	(Exclusive of stillbirths. Cause in the	BELECOLU		,au1e 16	,	0 1(100)	101 #1	1011 0216		110 000			,			
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Un- der 1	1 to	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	and over	Not stat- ed
	ALL CAUSES	26,209	6,876	4,210	856	344	585	1,063	1,687	1,728	1,632	1,821	2,068	1,542	1,584	13
	White	11,224	3,239 2,696	1,707 1,769	357 351	140	216 237	417 416	715 724	706 620	752 521	845 555	928 707	678 575	519 700	5 4 4
	Nonvhite	2,653 2,341	538 413	359 375	94 54	44 34	52 80	109 121	251 217	227 175	206 153	257 164	240 193	149 140	143 222	-
1,2	Typhoid and paratyphoid fever	25	1	-	1	2	1	6	4	3	3	1	s	-	1,	-
	White	10	-	-	1 -	1	ī	3	2	1	1	=	2	-	_ _	] -
	NonwhiteMale Female	1 5	ī	-	-	_	-	ī	-	ī	ī	1	-	-	-	-
6	Cerebrospinal (meningococcus) meningitis	8 7	1	4 3	1	-	1	1	-	-	-	-	-	-	-	-
	Female	1 -	-	1	-	-	-	_	-	-	-	-	-	-	-	_
	Female	-	<u> </u>	-		-	-	-	-	-	-	-	-	-	-	-
9	Whooping coughWale	121 42	66 17	52 22	3 3	-	-	:	:	-	-	-	-	-	-	-
	Female NonwhiteMale	66 9	41 5	25 4	-	-	_	-	_	-	-	-	-	-	-	-
10	Female Diphtheria	4 86	19	1 60	7		_	-	_			-	-	-	_	_
10	WhiteMale	41	9	31 22	1 4	-	-	-	-	-	-	-	-	-	-	_
	Female NonvhiteMale	35 7	1		1	_	-	-	-	-	-	-	-	-	_	<u>-</u>
13-22	Female Tuberculogis (all forms)	3,861	86	212	64	74	262	564	874	724	451	279	181	62	25	3
	WhiteMale Female	1,457 1,531	45 25	100	20 26	21 35	76 123	196 246	274 392	280 272	199 153	132 81	80 60	26 23	7 11	1 2
	NonwhiteMale Female	444 429	11 5	14 18	15 3	12 12	21 42	46 74	89 119	103 69	55 44	45 21.	27 14	9	3 4	_
13	Tuberculosis of respiratory system, etc.	3,634 1,355	37 20	108 51	40 10	66 18	258 76	557 194	866 270	717 278	446 197	274 130	180 79	59 26	24 6	2
	WhiteFemale	1,444	10	36 7	17 10	33 3	119 21	247	389 69	269 102	153 54	78 45	60 27	20	11 3	2
	NonwhiteMale Female	420 415	5 2		3	12	42	71	110	68	42	21	14	4	4	-
14-22	Tuberculosis (other forms)Male	227 102	49 25	104 49	24 10	8	4	2	8 4	7 2	5 2	5 2	1	3 -	1	1
	Femele NonwhiteMele	87 : 24	15 6	44 7	9 5	2 3	4 -	1	3 -	3 1	1	3 -	-	3 -	-	
	Female	14 79	3	1	- 2	2	-	3	1 2	1 3	2	2	- 5	- 1	- 1	_
27	Dysentery	35	43 20	14 5 7	2	- 2	-	-	í	1	2 2	1	3	:	-	-
	Female NonwhiteMale	32 10	17 5 1	1	-	-		-	ī	1	-	-	i	]	1	l -
28	Female	248	52	76	10	В	5	6	18	14	21	12	9	11	6	-
	WhiteFemale	90 88	20 1.9	23 31	2	3 2	3 2	3	7 8	7	9 7	6 5	2	3 2	3	-
	Nonwhite	37 33	6 7	12 10	2	2	-	1	1	2 1	1 4	ī	1 2	3	1 -	] [
30	Syphilis	182 97	35 17	6	2	2 1	4 2	8 2	20 10	20 12	22 12	27 18	20 13	10 3	4 2	2 1
	WhiteMale Female	40	15		1	1	ī	3	3 6	2	3 6	5	2	2 3	i	1
	Nonwhite	34 11	3 -	-	-	-	1	2	1.	2	ı	i	i	2	-	-
35	Measles	223 93	46 18	63	27 9	4 2	2	1.	1 -		-	-	-	_		_
	Femele NonwhiteMale	89 19	20 3	12	13 4	- S	-	1 -	1 -	-	] :	_	-		-	-
70	Femele-	22	5	15 2	1	_	1	_	_	-	_	_	-	_	-	_
36	Policmyelitis, policencephalitis (acute)	1	<u> </u>	1	] -	<u>-</u>	-	-	-	-	-		-	-	-	_
	Nonwhite	-		=	=	-	-	-	-		-	-	-	-	-	-
45-55	Cancer and other malignant tumors	1,231	2	3	7	4	3	11.	53	127	221	307	272	149	72	_
	White	514 494	2 -	2	3 4	2	1	5 3	10 33	34 69	77 103	134 113	132 97	79 47	33 22	-
	NomwhiteMale Female	103	_	_		1 -	1 -	1 2	· 2	10	20	28 32	21 22	9 14	9 B	] -
46	Cancer of the digestive organs and paritonsum	596	-	-	3 2	1	2	3 2	20 10	55 24	106 51	159 83	134 76	73 40	40 24	-
	WhiteFemale	313 186	] [	_	1	ı	1 -	1	8	20	35 15	47 17	45 10	19	10	-
	Nonwhite	51. 36	-	:	-	-	-	-	î	6 5	5	12	3	7	3	-
48,49	Cancer of the female genital organsFemale-	269 213	-	-	1	-	1	3 2	23 17	46 39	51 43	66 51	45 34	20 15	13 10	-
EO	NonwhiteFemale	56	-	-	-	-	-	1	6	7	12	15 1	111 3	5	3	-
50	Cancer of the breast	25	] =	:	-	-	-	-	-	-	-	-	l	- 2	-	-
	Female NonwhiteMele	18	] -	-	-	-	-	=	1 -	2	111	1	1	-	[	• =
45,47,	Cencer (other sites)	6 341	2	3	3	3	_	5	9	22	1 52	81	90	1. 53	18	-
51-55	WhiteMale	200	2	2	1 2	2	-	3	7	10	26 14	51 14	55 17	39 11	9	:
	Nonwhite	42	-	-	-	1	-	-	i	4	6	1.3.	11	2	6	-
	. remaie						_	_	-				-	-	-	

\*Refer to International List for complete title, table IX.

Table 13.-DEATHS FROM SELECTED CAUSES, BY AGE. RACE, AND SEX: PUERTO RICO, 1948 - Continued

(Exclusive of stillbirths. Cause in the selected list (table 12, Fuerto Rico) for which there were no decths is not shown)

	(Excessive of Settlemans, Colors in the		11	1	,	1						100 010				
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Un- der 1	to	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	end and over	Not stat- ed
58 .	Acute rhaumatic fever	22 8	:	2	4	4 3	2	2	1		-	1	1	3	2	-
	Female Norwhite	8 2 - 4	=	1 - -	3 - 1	1 - -	- - 1	- 1	ĩ	-	- -	1 - -	<u>.</u>	1	1	=
61	Diabotos mollitus	104 32 48	-	1	1	2 - 2	3	2	7 4	5 1	14 5	27 6	20	12 6	10 2	-
	Nomehite	11 13	=	-	-	-	- -	1 -	- - -	2	6 1 2	18 1 2	7 3 6	3 1 2	5 2 1	=
63b	Exophthalmic goiter	6 - 6	-	-	-	-		1	1 - 1	1 - 1	3 - 3			-	-	=
69	Nonwhite	- 22	- 1	 	4	- 2	- - 1	- - 1	-	- 1	-	-	-	-	-	
	White	3 12 4	1	5 2	3	2	1	1	-	1	1 - 1	1	- -	-		. =
77	Female	3 31	=	3	-	-		1	10	5	- 5	3		- 2	- 2	=
	White	23 2 5	- - -	1 -		-	* 1 1	1	9	3 - 1	3 - 2	1	2 -	1	2	-
83	Intracranial lesions of vascular origin	730 334	- 4 2	- 6 3	- 5 3	- 1 1	- 3 2	5	- 25	1 44	- 81	127	186	151	112	-
	Femalo	240 76 80	1	3	9 23 1	-	ī	3 1 1	12 11 1	17 13 5	37 25 12	64 33 15	84 63 22	67 45 13	39 44 5	=
90-95	Diseases of the heart	2,275 961	5 3	28 10	52 15	16 7	22	31 9	64 24	135 52	7 223 95	15 362 177	17 535 240	425 177	24 395 147	1
	Female Honvhite	807 25 <u>4</u> 253	3 -	12 3 3	13 1	4 - 5	12 1 4	15 3 4	28 7 5	41 25 17	69 29 30	101 50 34	174 63 58	166 38 44	169 31 48	. ī
90a,92b,c, 93c,95b	Chronic rheumatic diseases of the heartNalo	91 24 39	1	2 -	13 4 7	4 1 2	9 1	6 2	7 -	9	4 2	, 13 6	13 2	7 4	4	-
	Romyhite	11 17	-	1	í	ī.	5 - 6	S 7 1	5 1 1	2 2	-	2 2 5	6 3 2	. 2	2	=
94	Diseases of coronary arteries and angina pectoris- White	407 196 117	1 1. -	1	-	=	1	2 1	14 6 6	37 21 3	60 23 16	102 53 29	105 57 27	55 21 21	31 12 13	=
90b,91,	NonwhiteMale Female Diseases of the heart (other forms)	53 41 1,777	- - 5	25	- - 19	12	- 12	- 23	2 - 43	7 6 89	13 8 159	10 10 247	13 8 417	7 4 365	5	Ξ
92a,d,e, 93a,b,d,e, 95a,c	WhiteMale Female MonwhiteMale	741 651 190	3	9 12 2	11 6 2	8	4 5 1	6 13 2	18 17 4	30 34 16	.70 51 16	118 70 38	181 141	152 143	380 134 154	-
97,102	Arteriosclerosis and high blood pressure*	195 397	-	2	-	4	ž -	2	. 2	9	22 11	21. 36	47 48 82	31 39 97	30 42 165	. <u>.</u>
*	White	143 163 49	-	-	=	-	-		1	3 - 1	7 5 1	17 12	26 38 8	36. 38 14	54 71 20	=
107-109, 33	Female Pneumonia (all forms) and influenza	2,761 1,146	1,153 537	893 347	146 61	47 17	26 6	- 19 4	54 23	52 19	47 21	75 27	1.0 92 32	9 82 33	76 19	-
t	Female Nonwhite Male Male Female	1,170 243 202	484 70 62	398 78 70	64 12 9	18. 11.	13 4 5	8 *2 4	18 5	22 7 4	15. 8 3	23 14 11	40 12 8	32 10 7	35 10 12	-
107	Bronchopneumonia	1,655 720	752 364	571 225	84 38	26 12	10 3	8 2	22 8	17 5	21 10	25 11	52 18	35 14	32 9	-
•	Foundation Foundation	677 138 120	298 5D 40	249 51 46	33 7 6	9 5	3 2 2	3 - 3	8 2 4	7 3 1	5 3 3	8 2 4	25 5 6	14. 4 3	17 4 2	
108	Lobar pneumonia	235 '92 98	76 31 38	49 17 24	9 7 2	5 3 2	6 1 5	2	15 8 3	10 3 5	10 4 3	14 4 3	15 6 5	14 6 3	12 2 4	-
109	NonwhiteNaie Female  Presumonia (unspecified)	27 18 701	3	5	=	-	=	1	2 -	2 -	3 -	6	2 2	2 3	2	-
103	WhiteNale Female	266 319	266 114 124	224 87 100	47 14 25	15 2 6	2 3	7 2 3	15 6 5	19 5 10	10 5 3	29 11 8	19 5 11	23 9 11	20 4 10	=
33	Nonwhite	61. 55 170	11 17 59	20 17 49	5 3 · 6	6 1	1 3	1	3	2 2 6	6	6 7	3 - 6	.10	2 4 12	=
	WhiteMale Female NonwhiteMale	68 76 17	28 24 5	1B 25 4	2	1	2	1	2	5	2	1 4 2	3 1 2	4	4 4 2	=
117	Female	9 95	1	2 -	-	-	- 2	3	14	13	21	16	10	10	2	-
	WhiteMale Female Nonwhite	59 18 12	1	-	-	-]	2 -	2	9	8 2 3	14 6 -	10 2 4	5 3 2	,6 3 1	2 1	:
119,120	Pemale Diarrhoa, enteritis, etc. *	6 3,922 1,714	2,136 971	1,415 599	154 64	11 5	5 2	1 5 1	13 6	23 10	1 23 14	- 27 5	- 34 16	40 13	26 8	-
	Fomale Womwhite	1,545 337 326	848 173 144	547 123 146	70 16 14	4	2	2 2	13 6 3 3	8 2 3	5 3 1	12 7	10 3 5	20 5 4	14 2 2	-
							- •	•		٠.		٠,		* 1		_

Refer to International List for complete title, table IX. 891563 O-50-17

Table 13. -DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948 -Continued (Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deathn is not shown)

Process   Proc	-	(Exclusive of stillbirths. Cause in the	Belecced	7780 (0	mac at	, 100,0	- 11100,	101 #11	- unu	ed more	no non			·n,			
Marties	List			der	to	to	to	to	to	to	to	to	to	to	to	and	stat-
Marties	191	5	27		4			,	١,	4	,	_ [	΄,	_	_		
Remarks   Rema	121	WhiteMale	13	1		1		2	1	2		-	-	-	-		
					1		-	_	_		- [		1	-	-	- 1	_
Water   Wate			3		7		1	-	-		1	-		- }	- 1	-	-
Front   Property   P	122	Hernia, intestinal obstruction							1		- 1						. <u>-</u>
Transfer   Franchic		Female	21	1	1	-	-	- 1	3	1	3	2	3	3	2	2	Ξ.
Christocks of the litree									_			1	3 -		- 1		_
Part	124			_	1	1	3	l .	5	20	46	44	58	1	- 1		-
195,127		WhiteMale		-				-									-
150-152    Shifter calculat, etc. **.			39		-	_	-	-	-		10		11	5		2	-
White				-	-	-	-	-	-	-		- 1	4	1	-	1	_
Temple	126,127	Biliary calculi, etc. *				_	-	-	] [				4	3			:
Second   Property   Second   Property   Second   Property   Second   Seco		Female					-	-	-	3	1	6	4	3			_
White				-			_	-	-	-	-	-	-	- ]	-		
Monthite	130-132	Nephritis	926														-
Nonetice										13	18						
140-150   Dissaure of the proteints																	-
140-150   Diseases pendiar to frirty year   140-150   Diseases pendiar to frirty year   150-150   150-15	137							l .	l	:			1		- 1		
Marie   Present of Pregnancy, sto.		WhiteMale	14	-	-	-		-	4	-			-	4	4	3	-
White	140-150				_	_ [	_	l .	52	97	69 E	-			2		
Market   Paralet   Market   Paralet   Market   Paralet	140-100	WhiteFemale	201	-	-	-	-	24	4.3	73	54	i	-	-	-	- 1	<u>-</u>
Mail	140 140		1 1		-	-			1			-	-	-	-	-	<u>-</u>
Mail		WhiteFemale	32					3	4	15	10	-	-	_	_		
1441,146   White   Female   40		l .	1	-	-	-	-		1		- 1	-	-	-	-	-	-
Mile	141a,c, 144.148												-	_			-
Mathite		NonwhiteFemale-	11	-	-	-	-	1	4	3	3	-	-	-	- [	-	<del>-</del>
Mailaingright   Mountite		Hemorrhage, trauma or shock*		-	-	-								- [	-	-	-
Main				-	_	-	-					-	-	-	-	-	<u>-</u>
Scapential malformations	141d,e,f,				-							-	-	-[	-	-	-
White	1458,150											- 1	-		-		. :
Nowhite	157	Congenital malformations							_		1	- ]	-	-	-	-	-
158-161											ī	-	-	-			_
159   Prenature birth   1,908   1,906   1,90		Nonwhite	50		3				-	1	-	-	-	-	- 1		-
Note	158-161		1 1	i i					1	i							
Normwitte	200 201	WhiteMalg	931	931	•••	• • •	•••	•••			••••	•••	•••		•••	•••	
Fremature birth			177														
White   Male   Set   S		Femule						•••			•••		•••		•••		•••
Nouwhite   Female   264   264	159								ı								
Female   S5		Female				***	1		i .	i i							•••
Nonethite							t		Į.								
Rowhite		Other diseases peculiar to first year	1,225					1			•••		- 1				•••
Female	191			1 1 1		•••		:::	:::		•••	***		•••		•••	•••
165,164   Suicide														i I			
White	163,164		1 1	il .	_	į	!		I					29		3	-
Nom/hite	.,	WhiteMale			-										9		-
		NonwhiteMale	61	-		-	- 1	3	8	21		10		4		-	-
White	100 300	j	) ;	11	- ;	l	!	1	l .	1					-		-
Female	165-168														3		
Female		Pensle				l								-	1		
White					_	l							-	-	-		-
Female	169-195	Accidental deaths															
Female		Female	121		25	16	7	3	8	1 11	12	4	4	8	7	9	-
Notor-vehicle accidents															1		
Mhite	170	i .	1	H			I	!	1	Į.					2		
Nomwhite		WhiteMale	152	-	5	15	9	16	21	39	15	13	10	В	1		
169, Other accidents		NorwhiteMale	50	-	2	4	8	7		6	7	4			1		
171-195 WhiteMale 238 18 30 15 12 14 28 45 26 26 17 2 2 2 1		1	1	!!		-	I	1	-	1				-	-	!	
Female 97   9 22 12 6 2 4 8 7 1 4 6 7 9 -	169, 171-195	WhiteMale				32 15	22	22	39 28			36 26	27 17	2		2	
		Female	97	9		12	6	S	4	8	7	1	4		7		-
						-		l z			-				-,		-

Refer to International List for complete title, table IX.

Table 13.—DEATHS FROM SELECTED CAUSES, BY AGE. RACE, AND SEX: PUERTO RICO, 1948—Continued (Exclusive of stillbirths. Cause in the selected list (table 12, Fuerto Rico) for which there were no deaths is not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEK	Total deaths	Un- der 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
162,199, 200	Sonility, ill-defined and unknown causes	2,227 862 948 201 216	189 30	415 161 179 40 35		27 12 11 1 3	18 11 4 1 2	39 13 17 5	53 16 28 2 7	69 25 29 5	74 33 25 11 5		193 76 78 23 16	220 88 88 20 24	462 126 231 37 68	2
	All other causes	2,350 976 969 210 193		604 229 284 40 51	154 74 61 12 7	64 26 25 8 7	66 32 25 4 5	65 25 23 12 5	150 44 60 29 17	114 46 43 15 10	114 48 36 17 13	138 56 54 17 11	173 74 70 13 16	105 47 44 4 10	83 28 40 6 9	1

## Table 14.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: PUERTO RICO, 1948

(Exclusive of stillbirths. 'Numbers after causes of death are International Last numbers, 1938 revision. Cause in the selected list (table 12, Puorto Rico) for which there were no deaths is not shown)

					13	PE OF SERVIC	Œ	
CAUSE OF DEATH	Total deaths	Deaths not in insti- tutions	Destins in insti- tutions <sup>1</sup>	General. kospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Mental insti- tutions	Other resident insti- tutions
ALL CAUSES	26,209	19,764	6,445	5,414	693	28	65	136
Typhoid and paratyphoid fever	8 121 86 3,861	5 4 106 29 2,877	20 4 15 57 984	19 4 15 54 265	- - - - 674	- - - 4	1 -	8
Tuberculosis (other forms)	3,634 227	2,765 112	869 115	173 112	674	. 4	8	7 1
Dysentery	79 248 182 223	44 178 124 193	35 70 58 30 1	35 68 44 29 1	- 2 - -	-	- 7 -	- - 3 - -
Cancer and other nalignant tumors	1,231 596 269 25 341	946 448 233 19 246	285- 148 36 6 95	257 138 31 4 84	2· - - 2	- - -	4 3 1 -	7 3 1 2
Acute rheumatic fever	22 104 6 22 51 730	20 62 1 9 19 568	2 42 5 13 12 162	2 38 4 12 9	- - - 1	1 3	1 - - 1	2 1 - 20
Diseases of the heart————————————————————————————————————	2,275 91 407 1,777 397	1,745- 60 320 1,365 355	530 31 87 412 42	473 30 79 364 32	6 -	4· - 4	7 <sup>.</sup> 1 2 5	29 2 2 27 7
Pneumonia (all forms) and influenza	2,761· 1,655 235 701 170	2,161 1,273 156 595 137	600 382 79 106 33	580 372 73 . 103		3· 3 - -	. Z.	10 4 3 2 1
Ulcar of stomach or duodenum	95 3,922 27 84 236 25 926	59 3,322 4 27 144 4 747	36 600 23 57 92 21 179	35 567 22 55 88 21 158	1 1 - -	2	14 - 1 -	15 1 1 -
Discussor of pregnancy, etc.*   140-150	19 255- 44 51 126 34	9 84· 19 9 44 12	10 171 25 42 82 22	10 170 25 42 81 22	-	- - - -	-	· -
Congenits  malformations   157     Diseases peculiar to first year   158     Treasture birth   158     Other diseases peculiar to first year   158,160,161     Suicide   153,164     Conjude   165     Conjude	311 1,906' 681 1,225 458 306	215 1,216 305 911 272 162	96 690 376 314 186 144	96 676 365 311 177 159	- - 2	2	-	- - 1
Accidental deaths ————————————————————————————————————	648- 252 416 2,227 2,350	338 90 248 2,089 1,625	310 142 168 138 725	305° 141 164. 124 678	- - 2 2	- - - - - -	1. 1 3 . 9	1 1 4 17

Refer to International List for complete title, table IX. Includes deaths occurring in institutions of unknown type.

TABLE 15.-DEATHS FROM SELECTED CAUSES: PUERTO RICO, EACH MUNICIPALITY, AND

(By place of occurrence. Exclusive of stillbirths. Numbers under

										(p) litare	di 000m	, 0,,003. ,	20210210 02	stillbirth	~	— — —
-	area	Total deaths	Typhoid and para- typhoid fever	Cerebro- spinal (meningo- coccus) menin- gitis	Scarlet fever	Whoop- ing cough	Diph- the- rla	Tuber- culosis (all forms)	Dysen- tery	Malaria	Syph- ilis	Measles	Polio- myelitis, polio- encepha- litis (acute)	Cancer and other malignant tumors	Acute rheu- matic fever	Diabetes mellitus
			1,2	6	6	9	10	12-52	27	28	50	35	36	45-55	58	61
ı		26,209	25	a	-	121	86	3,861	79	248	182	223	s	1,231	22	104
2	Mdjuntas	239	1	_		3		22	_		1	3	_	14	_	_
3 '	Aguada	240	-	-	_	i -	-	32	-	3	- 6	1 7	-	5 34	-	- 3
4 5	Aguadilla   Aguadilla	760 450	2 2	-	_	3	5 5	106 34	1	2	3	3	-	21	_	3
6 7	Halance of municipality-	330 196	-	-	_	4 5	-	72 28	-	1 -	3 -	4 2	! <u>-</u>	13 3	]	
8	Albonito	192	-	-	-	10	1	31. 20	1	- 5	1	3	_	5 3	-	1 2
9 10	AnascoArecibo	1,510	3	_	i -	3	9	241	2	13	12	16	-	71	1	10
11	AreciboBalance of municipality-	885 625	3 -	-		1 2	9	152 89	1	7 6	6	9 7	] -	36 35	1 -	7 3
13	Arroyo	236	-	-	-	_	-	7	-	12	2	3	-	11 5	1	1
14 15	Barceloneta	187 153	1 -			4	1	25 12	1	4	1	3 2		ε	] -	3
16 17	Bayamon	913 229	5 -	1		2	10	106 42	8 -	4	1	5 2	1 1	52 14	_	i
18	BayamonBalance of municipality-	684	5	ī	-	2	8	64	8	-	3	3	1	38	-	3
.50 13	Cabo Rojo	283 705	-	-	-	3	1 2	24 125	-	12	2	7	[ - ]	18 44	2	2 6
21	Cagues	425 280	-	-	-	3	2	81 44	-	B 4	1	5 2	-	26 18	ī	4 2
22 23	Balance of municipality-	272	-		-	3	-	25	-	-	2	3	-	9	-	1
24 25	Carolina	211 136	-	-	-	:	_	26 29	- 2	2	_	-	:	3 3	1 -	3
26	Cayey	479	-	-	-	ī	ı	76	7	13	3	12	-	32	-	-
27 28	Ceiba	63 163	_	:	_	_	1	5 28	1 :	_	2 -	ī	] [	5	_	
29	Cidra	1,51	-	-	-	-	1	20 24	-	-	-	- 2	-	2 14	:	1
30	Comerio	238 158	1	1		1	] -	32	-	1	ī	-	] -	2	-	-
32	Corozal	159 8	-	-	-	1	-	24 1		1 :	:	3	:	5		] []
33 34	Culebra Dorado	69	-	-	_	-	-	12	1	1	5	] =	-	7	: ا	-
35 36	Fajardo	558 158	:	-	-		14	69 16	1	11 3	2	5	] [	29	2	] []
37	Guayama	508		-	-	4	3	116	-	13 11	2	8	-	129	2	2 2
38 39	Balance of municipality-	288 220		:	_	4	3 -	34 82	-	2	i	2	] [	7	-	-
40 : 41	Guayanilla	172 155	-	1.	_	1		14 28	:	3	3	5	1 -	1.0	i	3
42	Gurabo	132	-	-	-	-	-	24	-	-	2	2	-	1	-	
43 44	Hetillo	196 71	] -	_	] [	:	1	19 7	_	l ī	1 -	1	] [	7 2	2	1 -1
45	Humacao	426	-	1	-	. ا	;	80 36	-	6	1	1	_	20	1 :	1 1
45 47	Isabala Jayuya	337 167	_	-	-	3	7	12		-	3	-	-	6	] -	-
48 49	Juncos	347 334	1 :	1	1 :	3 6	_	48 72	1	3	8 9	4	] [	13 10		2 1
50	Lajas	135	-	-	] [	4	-	9	-	3	3	-	-	В	٠ -	2
51 52	Las Marias	451 114	-	:	1 :	:	2	43	5 -	:	2	3 -	] -	9	1 -	1 -[
53	Las Piedras	192	-	-	-	3	-	33	-	-	l :	1 7	_	5 9		-
54 55	Luguillo	266 97	1	-	1 :	-	1	33 9	_	8 -	3 -	7 -	] -	li	[	. 1
56	Manati	369	-	-	-	2	2	77	3	4	5	2	-	21		2
57 58	Maricao	89 96	] -	] [	1 -	1	-	5	-	] [	_	-	_	. 3	i -	-
59 60	Mayaguez	1,278 838	_	]	_	2	5 5	238 90	6	23 16	4 5	4 3	_	65 54	:	5 5
61	Balance of municipality-	440	-	] -	] -	ĺi	-	148	-	7	1	ĩ	-	11 8		-
62 63	Moca	241 124		] -		-	:	24	] [	-	1 2	- 2		7	2	
64	Naguabo	199	-	-	-		] :	81	<u> </u>	1	1	2		5		2
65 66	Orocovis	73 184	_	-	-	1	-	19	-	-	-	2	-	6	-	-
67 68	Patillas	310 209	1 -	_ :	_	9	2	26 9	ī	6	ī	5 6		10		1 -
69	Ponge	2,001	2	1	-	8	6	319	3.0		11 7	20	-	133		
70 71	Balance of municipality-	1,502 499	2	1 -	_	6	2	266 53	9	8 7	4	6	-	25	-	-
72 73	Quebradillas Rincon	155 84	-	-	l <u>-</u>	2	1	18	1		1 1	2		5		
74	Rio Grande	130	-	-	-	-	-	24	-	-	-	-	-	5	-	1 4
75 76	Rio Piedras	1,462 669	2	:	-	3 3	1 -	138	9	13	20 10	3	-	55 43	1	.  3 (
77	Balance of municipality-	593	2	-	] :		1		3	5	10 2	2	-	12		1
78 79	Sabana Grande	168 247	ī	1 -	1 -	-	2	24	-	17	-		-	1 20	-	1
80 81.	San German	291	-	-	-	-	1	so	-	2	1	1	_	12	-	1
	ASan Juan (city)	2,433	5	1	-	4	5	395	12		24			205		20
62 83	San Lorenzo	302 454	:	] [	-	10	2 -	48 50		1 -	3 2	5		15	-	-
84	Santa Isabel	768	-	-	-	-	-	28 11	:	1	1	1 :	-	6		-
85 86	Tos Alta	89 107	-	-	1 -	-	-	20	-	1	Б	-	-	4	- [	-
87 68	Trujillo Alto	77 520	:	] :	-	:	1 -	12 57	1 5		1	3		19		1 1
89	Yega Alta	175	-	-	} =	-	-	23	-	-	1	. 3	-	12	1	
90 91	Vega BajaVieques	287 94	1 -	1	:	1 -	1	29 7	1	8 5				3.5	-	1 2
92	Villalba	185	-	-	-	2	-	7	-	-	1	5	1 -	5 7		-
93 94	Yauco	345 467	ī		:	2			- 2	2 15		8		18		.  ī
	1	i	11	1	.1			1		1		4				

## EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948 causes of death are International List numbers, 1938 revision)

Pellag (excep alco- holic	of vas-	Diseases of the heart	Pnoumonia (all forms) and in- fluenza	Diarrhea, enteri- tis, and ulcera- tion of	Nephritis	and the	Congeni- tal malfor- mations	Premature birth	Other diseases peculiar to early infancy	Suicide	Homi- cide	Motor- vehicle accidents	Other accidents	Senility, 111- defined and unknown	All other	
69	origin . 83	90-95	107- 108,33	intes- tines 119,120	130-132	puerperium 140-150	157	159	158, 160,161	163,164	165-168	170	169, 171-195	162, 199,200	causes	
	2 730	2,275	2,761	3,922	926	255	511	681.	1,225	458	306	232	416	2,227	3,270	1
	- 6	6	27	42		1	7	2	20	6	4		9	24	39	j=
	- 4 16 9 9 7 7 8 7 7 1 300 11 1 9 7 8 8 15 6 8 15 6 8	6 2 2 5 6 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	272 60 32 8 32 6 10 22 8 12 17 6 12 29 8 12 17 17 15 25 4 18 20 20 12 12 12 12 12 12 12 12 12 12 12 12 12	428 629 499 827 828 824 825 827 829 828 828 828 828 828 828 828 828 828	27 1812 6 15 5 3 26 9 17 8 10 16 16 17 3 11 6 8 4 12 - 3 21 3 14 11 3 6 4 5 5 5 1 6 2 - 42 26 2 1 4 1 10 13 2 5 9 10 2 14 13 - 6 4 13 6 10 2 10 9 2 1 14 1 10 13 2 5 9 10 2 14 13 - 6 4 13 6 10 2 10 9 2 1 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	1-14131-1222222-17-17-555-11-18-2-2-5-121-55-11-12-2-11-2-2-1-18-2-2-12-2-2-2-2-2-2-	7 : 5322211654 : 512111585555 : 419 : : 1315 : : 135862 : 4 : 2 : 58521349 : : 4 : 9 : 1 1252 : 1211 : 1954 : 21565 : 21524 : 2341 : 18 :	-3249224459-4553270911-3011-341-156611547-2-1906831-10151-11038235135582	20635058768862183566889942121544878621411-121788441583508877688124-1992813363416965412044531382657415411-121788441583508877688124-1992813363416965412044531382657415411-1217884415835088776881124-1992813363416965412044531382657415411-1217884415835088776881124-1992813363416965412044531382657415411-1217884415835088776881124-1992813363416965412044531382657415411-1217884415835088776881124-19928813363416965412044531382657415411-1217884415835088776881124-19928813634169654112041888888888888888888888888888888888	6-104672288442551159571522212154414-1918442255116657328111114121-214762412377722521231833210 4083311117564-54	410912227982210 215411554151521 17144 21 25 511532521115 14134 31 4422 11 1761245 326 11 115122 22	11082 : 1257831291946422 : 18 : 1111 : 291 : 1 : 1111 : 132 : 2 : 12271188 : 1 : 4 : 1 : 2752 : 1725 : 1 : 2 : 1 : 1 : 2282 : 2 :	95204622198154181540882485155254   81922   25     (451512311624   2918411   152806515276   45 855121   8   62275	248 614 25 919 25 64 44 126 97 67 75 75 25 2 8 45 5 13 12 8 9 17 3 1 1 2 8 9 17 3 1 1 2 8 9 17 3 1 2 8 9 1	28 28 28 29 21 155 5 34 21 15 28 28 28 28 28 28 28 28 28 28 28 28 28	545 567 578 584 644 544 544 544 551 552 555 557 585 586 666 667 666 670 777 777 777 787 887 887 887 887 887 8

Table 16 -DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: PUERTO RICO, 1948 (Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision)

CAUSE OF DEATH	Total deaths under l year	Under 1 day	l day	2 фаув	3-6 саув	7-13 days	14-20 days	21-29 days	Under 1 month	l mo.	2 що.	3 110.	4. 110.	5 mo.	6 mo.	7 mo.	8 200-	9 110.	10 mo.	11 20.
ALL CAUSES	6,876	672	237	<b>206</b>	466	369	285	253	2,488	655	621	533	439	368	350	330	332	281	244	255
Cerebrospinal (meningoroccus) meningitis	1		-	-	-	-	-	-	-	[ -	1	-	-	-	-	-	-	1	_	-
Scarlet fever	1	-	-	-	-	-		<u>-</u>	- 1	1 :1	-	_ [	-	1 7		-	l	1 -	-	-
Whooping cough9	66	-	- !	-	-	-	1	3	4	9	8	5	8	4	8	5	7	2	3	3
Diphtheria (infection by C. diphtheriae)10 Tuberculosis (all forms)13-22	19 86	-	-	-	ī	-		-	1	2	3	10	1 9	9	1 6	3 6	122	5	2.	3 9
Tuberculosis of the respiratory system, etc.*13	37	l [	- 1	-	i	-		- 1	^	~	1	5	6	4	ı	3	3	3	6	5
Tuberculosis of the meninges, etc.*	37	]			1	_	_ [		ا تا	1 -	2	2	1	4	5	3	6	3	7	3
Tuberculosis (other forms)15-22	12	_	-	_	-	Į Į	-	-	-	-	-	3	â	i	-	-	3	ľ	i	ĭ
Dysentery27	43	-	_	_ :	2	1	1	_ }	اها	5	6	7	6	4	z	1	_	3	3	2
6alaria28	52		_	_	1	<		ı	2	ا ۵	4	5	6	7	6	1	5	1 5	۱ ٪	l ā
Syphilis30	35	z	3	-	5	3	2	3	18	6	5	4	2	1	i - i	1	- 1	1 -	- 1	i -
Mensles	46	-!	-	-	1	-	1	2	4	1	5	1	2	3	3	3	3	7	5	9
Diseases of the thymus gland64	[ 2	l	-	-	2	-		-	2	-		-	-	-	-			_		-
Meningitis (not due to meningococcus)81	77	-	-	1	1	2	2	2	В	7	5	6	6	4	5	9	9	7	4	7
Intracranial lesions of wascular origin83	4	_	-	-	-	- 1	-	- 1	l - 1	-	-	1	-	-	-	ı	1	-	1	-
Convulsions	22	-	- 1	2	2	4	1	2	111	-	3	-	2	1.	3	-	-	1	. 1	-
Diseases of the ear and mastoid process89	2	-	_ 1	i -	-	_	- !	- ]		-	1	-	-	-		-	-	-	1	-
Diseases of the heart90-95- Pheumonia (all forms) and influenza107-109.33	1.153	- 8	9	13	2 50	39	- 51	33	203	124	122	1 99	90	88	89	80	87	6B	1 55	1 49
Bronchopneumonia, etc.*107	752	6	5	12	26	39	28	22	140	83	90	56	55	42	60	48	60	52	40	26
Lobar pneumonia108	76			. 12	2	1	4	3	10	4	8	B	9	12	a	5	4	3	2	3
Pneumonia (unspecified)109	266	8	4	1	21	7	Ē	ě	51	27	21	26	21	58	10	23	19	12	9	<u> 19</u>
Influenza33	59	-	- :	-	1	-	ì	-	2	10	3	9	5	6	10	4	4	1	4.	1
Other diseases of respiratory system104-106,119-114	157	5	1	6	4.	a	8	5	35	13	13	16	13	10	7	9	18	в	6	7
Older of stomach or duodenum117	1	-	-	-	1	-	- 1		1	1										
Diarrhea, enteritia, etc.*	2,136	5	3	4	17	49	51	71	194	240	290	272	20B	159 2	161	153	130	126	94	109
intestinel obstructionl22b	ا ا	i -	-		-	-	-	- 1	l -1	*	-	3	-	-	-		-	-	-	-
system115,116,118,121,123-129	43	1 _	s		2	3	3	2	12	9	8	3	1	2	l 1	4	١.	lı	ı	1 1
Rephritis130,131	30	i	-	1	z	-	ĭ	2	7	4	1	- 1	3	2	2	2	3	ī	3	ž
Congenital malformations157	261	35	34	17	35	24	14	21	1.60	25	16	10	1,3	9	В	4	6	3.	4	3
Diseases peculiar to first year of life158-161	1,906	564	183	134	295	194	121	73	1,564	132	60	34	23	25	19	14	9	9	13	1 4
Congenital debility	769	147	53	39	1,1,7	75	69	46	546	81	40	28	17	1.9	16	10	7	9	13	3
Premature birth159	681	257	76	51	110	85	34	18	631	32	9 5	3	l	3	2	-	-		~	[ -
Injury at birth160	154 262	68 92	26	1.8 26	20	9 25	3 15	1 8	145 242	15 15	8	3	4	1 2	ī	4	2	_		lī
Other diseases peculiar to first year of life161	148	80	28 20	16	14	4	3	2	139	5	1	3	*	ĺi	1 -	ī	1 7	1 [	1 [	1 :
Asphyxia (cause not specified), atelectasisl6la Infection of the umbilicus, etc.*l6lb,c	134	12	8	10	34	S1	12	6	103	10	7	3	4	ĩ	1	3	ī	-	-	1
Tomicide165-168	3	1	_	_	_ 1	_	_	_	1 1	-	1	_	_	-	- 1	- 1	1		-	-
ccidental deaths169-195	29	5	_	- '	ı	2	1	1	10	2	1	-	1	2	1	3	3	2	S	2
Accidental mechanical suffocation	1			-	-	-	- 1		-	l -I	- :	-	-	1	-	-	-	- 1	-	-
Other accidental deaths169-181, 183-195	28	5	-	-	1	2	1	1	10	2	1	-	1	1	.1	3	3	2	.5	5
[11-defined and unknown causes199,200	465	45	21	21	36	24	SS	25	194	46	50	37	22	23	16	14	20	18	17	13
All other causes	225	3	1.	7	12	16	5	7	51	25	21	16	21	13	13	16	17	7	70	1 13

<sup>\*</sup>Refer to International List for complete title, table IX.

Table 17.-INFANT MORTALITY RATES FOR SELECTED CAUSES: PUERTO RICO, 1943-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

CAUSE OF DEATH	1946	1947	1946	1945	1944	1943	CAUSE OF DEATH	1948	1947	1946	1945	1944	1943
ALL CAUSES	78.3	71.5	83.7	93.0	99.3	96.4	Other diseases of respiratory system104-106,110-114	1.8	1.8	2.6	2.7	3.2	3.3
Cerebrospinal (maningococcus) meningitis6 Scarlet fever8 Whooping cough	0.8	0.1	0.0 0 0.7	0.0 0 1.9	0.0 0 1.6	0.0 0 1.4	Ulcer of stomach or dwodenum	0.0	21.7	0 28.5	0 36.3	0	37.5
Dightheria (infection by C. diphtheriae)10 Tuberculosis (all forms)13-22 Tuberculosis of the respiratory system,etc.*13	1.0 0.4	0.2 0.8 0.4	0.2 0.8 0.3	0.2 0.6 0.3	0.2 0.7 0.4	0.2 0.6 0.3	Other diseases of digestive system	0.5 0.3 3.0	0.7 0.4 2.7	0.8 0.3 2.5	1.0 0.4 2.4	0.4 1.9	0.6 2.1
Tuberculosis of the meninges, etc.*14 Tuberculosis (other forms)15-22 Dysentery27	0.1	0.3 0.1 0.3	0.4	0.2	0.2 0.1 0.5	0.5 0.1 0.6	Diseases peculiar to first year of life-158-161 Congenital debility	7.6	21.1 8.8 7.4	10.7 6.6	12.2 4.8	4.5	25.9 14.4 4.6
Malaria	0.5	0.5 0.1 0.1	1.6 0.8 0.1 0.1	2.0 1.0 0.4 0.0	2.8 1.5 0.1 0.0	3.3 1.2 0 0.1	Other discuss neculiar to the first	3.2	2.0	2.9	3.0	2.9	1.5
Meningitis (not due to meningococcus)	0.9 0.0 0.3	0.0	0.6 0.1 0.2 0.0	0.9	0.8 0.0 0.2 0.1	0.8 0.0 0.2 0.1	Asphyxia (cause not specified),	1.7	1.2		1.6		
Diseases of the ear and mautoid process	0.1	0.1 0.1 10.0 6.4	0.0 12.0 7.6	10.7	0.0 12.6 8.5	0.0 12.9 8.7	Homicide	0.0	0.0	0.1 0.3 0.0 0.3	0.0 0.4 0.0	0.0 0.2 0	0.0 0.3 0.0
Lober pmoumonia	0.9 3.0	0.8 2.4 0.5	1.0 2.7 0.8	0.9 2.0	1.3 1.6 1.2	1.2	Ill-defined and unknown causes199,200	5.3 2.5	5.3 1.9	6.2 2.5	7.0 2.6	6.5 2.7	4.4

<sup>\*</sup>Refer to International List for complete title, table IX.

#### VIRGIN ISLANDS

# TABLE 1.-LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence: Deaths exclusive of stillbirths)

B26	. 340	73	24
405 421	175 165	44 29	17
318 11	179 3	21	10
		11 5	11 5 -

<sup>&#</sup>x27;Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

#### TABLE 2.-LIVE BIRTHS BY RACE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence)

AREA.	All races	White	Negro	Mixed <sup>1</sup> and other
VIRCIN ISLANDS	826	40	661	125
St. Croix————————————————————————————————————	316 11 497	3 - 37	233 11 417	82 - 43

<sup>1&</sup>quot;Mixed" designates a mixture of white and Negro.

#### TABLE 3.-LIVE BIRTHS BY SEX AND MONTH: VIRGIN ISLANDS, 1948

SEX	Total births	January	February	March	April.	May	June	July	August	September	October	November	December
TOTAL	826	66	80	65	46	69	59	53	58	89	89	75	77
MaleFemale	405 421	32 34	35 <b>4</b> 5	28 37	25 21	38 31	28 31	23 30	36 22	43 46	38 51	46 29	33 44

## Table 4.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, AND BY RACE, VIRGIN ISLANDS, 1948

(By place of occurrence)

•			NUMBER ATTE	NDED BY-			· -	PERCENT ATT	ended by—	
AREA (BACE FOR VIRGIN-ISLANDS ONLY)	Total births	Physician Physician in hos- not in Mi pital hospital		Midwife	Other and not speci- fied	Totel percent	Physician in hos- pital	Physician not in hospital	Midwife	Other and not speci~ rield
VINCIN ISLANDS	826	511	4	310	1	100,0	. 61.9	0.5	37.5	0.1
White Negro Mixed <sup>2</sup> and other-	40 661 125	14 425 72	1 3 -	25 232 53	1	100.0 100.0 100.0	35.0 64.3 57.6	2.5 0.5 0	62.5 35.1 42.4	0 0.2 0
St. Croix	318 11 497	21.3 8 290	3 - 1	102 2 206	- 1 . "	100.0 100.0 100.0	67.0 72.7 58.4	0.9 0 0.2	32.1 1812 41.4	. 0 9.1 0

<sup>&</sup>lt;sup>2</sup>It is assumed that all births in hospitals or institutions are attended by physicians.
<sup>2</sup>"Mixed" designates a mixture of white and Negro.

#### Table 5.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: VIRGIN ISLANDS, 1948

						AGE OF M	OTHER				
RACE	Total births	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 years and over	Not stated
ALL RACES	az6	3	137	262	215	109	77	18	1		5
White	40 661 125	. 3	2 118 17	9 205 48	17 170 28	3 89 16	7 57 13	2 15 1	1 -	-	- 3 2

<sup>1&</sup>quot;Mixed" designates a mixture of white and Negro.

TABLE 6.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: VIRGIN ISLANDS, 1948

(Birth order refers to number of children born alive to mother)

BIRTH ORDER	Total					AGR OF	MOTHER				
HIKIN URDER	births	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34. years	35 to 39 years	40 to 44 years	45 to 49 years	50 years and over	Not stated
TOTAL	826	3	137	262	215	108	77	18	1	_	
First child	165	3	86	50	12		2				
Second child	149	[ ]	38	64	32	11	2	, i	- 1	- 1	
Chird child	121	-	n	56	40	<u>-</u>	ا تا		-	-	
ourth child	98	-	2	43	33	13				-	
fifth child	91		_	33	38	10	9	_ [	[ _ [		
lixth child	58	1 - 1	_	9	25	100	<u> </u>	3	_		
eventh child	50	-	_	3	14	20	<u> </u>	2		_ [	
lighth child	34		_	1 1	12	8	10	2	_		
finth child	25	-		1	6	ا مَد	6	2			
Centh child	12	[ - ]	-	[ - ]	i	4	6 1	i		i []	
Lleventh child	9	- 1	_	-	-	2	5	2	_		
welfth child	7	- 1	_	-	~	3	2	2	_		
hirteenth child and over	7	1 -	-		~		3	3	1		
lot stated	3 }	-	_	-	2	1					

TABLE 7.-LIVE BIRTHS BY RACE AND BIRTH ORDER: VIRGIN ISLANDS, 1948

(Birth order refers to number of children born elive to mother)

RACE	Total								BIRTH OR	DER						===
EROE	births		ths lst 2d		3d.	4th	5th	6th	7-th	8th	9th	10th	11th	12th	15th and over	Not stated
ALL RACES	82	5	162	149	121	98	91.	58	50	34	25	12	9	7	7	3
White	4 66 12	ւ	7 128 27	8 120 21	8 98 15	4 78 16	1 76 14	1 50 7	5 40 5	1 24 9	1 19 5	1 9 2	2 6 1	6	- 6 1	1 1 1

<sup>&</sup>quot;Mixed" designates a mixture of white and Negro.

TARLE 8.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is cynonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

RACE	Total	Total cases	Canes of	CASES OF PLURAL AT LEAST ONE CEL	Birtes in Which Ed was born alive
	hirths	(single and plural)	single births	Total	Twins
ALL RACES	826	819	912	7	7
White Negro Mixed <sup>1</sup> and other-	40 661 125	40 655 124	40 649 123	- 6 1	- 6 1

<sup>&</sup>quot;Mixed" designates a mixture of white and Negro.

TABLE 9. MARRIAGE LICENSES, DIVORCES, AND ANNULMENTS: VIRGIN ISLANDS, 1946-48

	Number of	NUMBER	OF-
YEAR	marriage licenses	Divorces	Annulments
1948	156	143	-
1947	190	124	-
1946	195	90	-

<sup>1</sup>Date are for fiscal year ending June 30.

TABLE 10. DEATHS BY RACE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

ARRA	Total deaths	White	Kegro	Mixed <sup>1</sup> and other
VIRGIN ISLANDS	340	24	285	31
St. Croix	179 3 158	6 1 17	148 2 135	25 - 6

<sup>1&</sup>quot;Mixed" designates a mixture of white and Negro.

#### TABLE 11.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: VIRGIN ISLANDS AND ITS SUB-DIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

•							
					T	PE OF SERVI	CE
=	ARRA	Total deaths	Deaths not in insti- tutions	Deaths in insti- tutions	General hos- pitals	Other non- resident hospitals and insti- tutions	Resident insti- tutions
1	VIRGIN ISLANDS-	340	118	222	194	8	26
5 - 6	St. Croix	179 3 158	57 3 58	122 - 100	97 - 97	2 -	23 - 3

Table 12.-DEATHS BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 (Exclusive of stillbirths)

RACE AND SEX	Total deaths	Un- der 1	1	2 3	4	Un- der 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	to	100 and over	Not stat- ed
ALL RACES	340	73	18	4 2	: 1	98	_	3	5	3	6	7	4	5	12	10	19	27	30	29	27	25	19	В	1		s
Male Pemale	175 165	44 29		2 1 2 1		58 40	-	1 2	3 2	2	1 5	5 2	1 3	3 2	7	3 7	13 6	11 16	16 14	16 13	1.7 10	10 15	5	-2 6	-	-	1
White	24 12 12	3 2	1	-	-	3 2	-	1	-	-	-	1	2	1	1	1	- 1	S		2	4 2	2	3	1		-	-
Megro	285 146 139	62 36 26	13 8 5	2 2 1 1 1 1	1	80 46 34	-	1 - 1	15 15 N	2	4	6	1	4 2 2	11 6 5	,g 3 6	11	9		26 14 12	15	1 23 9 14	15 4 11	5 1	1	-	2
Mixed <sup>1</sup> and other	31 17 14	8 6 2	5 3 2	2 -	-	15 10 5	-    -	1 1 -	1	1	2 1 1	-	=	-	-	-	3 2 1	1	1	1	3 . 8	-	1	2 - 22	-	-	-

<sup>1 &</sup>quot;Mixed" designates a mixture of white and Megro-

TABLE 13. - DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total.	White	Negro	Mixed <sup>1</sup> and other
	ALL CAUSES	340	24	285	. 31.
	I.—Infectious and parasitic diseases—————————————————————————————————	29	3	26	
13-22	Tuberculosis (all forms)	. 10	2	а	
1.3	Tuberculosis of respiratory system, etc.*	10		a	_
23 30	Leprosy	3	] [	3	Ī
30a.	Aneuryam of aorta	. 14	1 -	13 1	-
30c,e,g	Syphilis (other forms)	12	] :	12	]
53 42	Other diseases caused by helminths	1	] :	1 1	ī
	II.—Cancer and other tumorg	22	1 4	125	,
45-55	Cancer and other malignant tumors	22	4	. 15	3
45	Cancer of buccal cavity and pharynx	2	]	1	1
45b 46	Cancer of tongue	2	<b>\</b>	1	ļi
46a	Concer of Accepange	13 2	. 2	9	. 2
46b	Cancer of stomach	7	1 -	7	1
46e 46g	Cancer of intestines, etc.*	1	<u>-</u>	_	1
46m	Cancer of other and unspecified sites	2 1	1 1	1	-
48	Cancer of uterus	1		- ī	
465 50	Cancer of other and unspecified sites of uterus-	i i	-	ī	-
51	Cancer of male genital organs	2	-	2	-
51b	Cancer of prostate	il	]	1	
52 52b	Cancer of wrinary organs	i i	-	ī	_
520 53	Concer of skin	1 1	] -	· 1,	-
SS	Cancer of other and unspecified organs	i	1	Ξ.	-
	III Theumatism, diseases of mutrition, etc.*	6	, <u> </u>	6	-
61	Diabetes-mellitus	4		4	
64	Diseases of thymus gland	il		1	-
69	Pellagra (except alcoholic)	1	-	ĩ	
	IVDiseases of the blood and blood-forming organs	1	1	,	
74	Leukemias and alcukemias	ı	1		_
74a	Leukemiag	- 1	ī	-	-
	V.—Chronic poisoning and intexication	.1.		1	
77	Alcoholism (ethylism)	1		1	_
	VIDiseases of the nervous system, etc.*	24		23	1
81	Meningitis (not due to meningococcus)	1	_ !		
82 83	Diseases of spinsl cord (see exceptions)*	1	- 1	1	-
83a	Intracranial lesions of vascular origin———————————————————————————————————	51	-	21	-
83b,c	Gerebral embolism, thrombosis, and softening	. 14 6	]	14	-
83a	Hemiplegia, other paralysis, etc.*	ı l	_	i	Ξ.
85		r	-	I	<del>-</del>
	VIIDiseases of the circulatory system	103	7	92	4
90-95	Diseases of the heart (all forms)	88	6	78	4
92 92b	Chronic affections of valves and endocardium	2	-	2	-
320	ATOGOGO AL BITROT ASTAC COC. ATTACA	2	- 1	2 (	-

<sup>\*</sup>Refer to Intermational List for complete title, table II.

1"Mixed" designates a mixture of white and Megro.

Table 13.-DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATE	Total	White	Megro	Mixed <sup>1</sup> and other
	VIIDiseases of the circulatory system-Continued		·		
	Diseases of the heart (all forms)—Continued		İ		
93	Disease of the myocardium	79	6	69	
93d. 93e	Other myocarditis (unspecified)	78	6	68 1	
73E 14	Dispuse of company exteries angine rectoris	2		â	
<b>4</b> a.	Diseases of coronery arteries	2	-	2	
5	Other diseases of heartOther diseases of heart (rheumatic)	5	-	5	
15b 15c	Other diseases of beaut (not whereastic)	1	]	4	
7	Arteriosclerosis (except coronery or repal sclerosis)	ıı	1	10	
8		1	-	1	
.02	Gangrene——————————————————————————————————	2 1	]	2 1	}
.0.7	VIII.—Diseases of respiratory system	30	1	25	
07	Bronchopneumonia (including oxpillary bronchitis)	15	-	12	
08	Lobar oneumonia	13	1	n	
11	Hemorrhagic infarction, thrombosis, edems*	1	-	1	i
12	Asthma	1	-	1	
	IXDiseases of the digestive system	36	2	27	
15 17	Diseases of buccal cavity and adnexa, etc.*	1 3	<u>-</u>	1	[
17 17a	Macros of stampshare and the state of the st	3	-	1	1
19	Distribes, enteritie, etc. # (under 2 years)	22	-	20	
50	Manyhon antanitic ato # 12 years and over)	8	-	1	
22a 23a	Rernia and intestinal obstruction	† †		1	
24 24	Cimphosis of liver	4	2	1	
24a	Cirrhosis of liver with mention of alcoholism	1	- 1	-	
24b	Cirrhosis of liver without mention of alcoholism	3	2	1	i
26 29	Peritonitis (cause not stated)	1 2	]	. ž	
		_			
	XDiseases of genito-urinary system	14 ·	-	14	
30	Acute nephritis	2	_	2	}
51	(Thursday manhauttic	10	-	10	
3la	Arterioscierotic kidney Other chronic nephritis	4	-	4 6	}
516 55	Diseases of urinary bladder	6	_	1	]
57	Diseases of prostate	l îl		î.	ì
37a	Hypertrophy of prostate	1	-	1	}
	XI.—Diseases of pregnancy, childbirth, and the puerperium	2	-	z	
43	Hemorrhage of pregnancy (death before delivery)	1	-	1	
44	Toremias of pregnancy (death before delivery)	1	_	1	
	XII Diseases of the skin and cellular tissue	1	-	1	
.53	Other diseases of skin and cellular tissue	1	-	1	
	XIII.—Diseases of the bones, etc.*	1		1	<u> </u>
54	Osteomyelitis and periostitis	1	-	1	
57	XIV Congenital malformations	s		1	
57a-d 57e,f	Congenital malformations of central nervous system	1 1	]	1 -	
	XVDiseases peculiar to the first year of life	50	3	25	
58	Congenital debility (cause not stated)	4		3	
59	Prometure birth   cause not stated	นอ	2	15	
60	Intury at birthan	3	1	2	[
61	Other diseases peculiar to first year of life	5	[ ]	5	
82	XVI,—Sentlity	10	1	7	
	XVII.—Violent or accidental deaths	19	s		<del></del>
.63,164 .64	Suicide by other means	1	_	1	
.65-168	Homicide <sup>2</sup>	4	1	3	Į.
66	Homicide by firearms	2 2	- 1	2 1	
67	Roadcide by outting or piercing instruments	14	1	11	
69-195 70	Motor-vehicle accidents	1 1	1 -	"-	1
70c	Automobile accidents (except collisions with trains or streetcars)	1	-	-	
77	Rood poisoning	4	-	2	1
31. 36	Assidantal intum by fall on emphing	2 2	ī	ı	1
96 36a.		2	î	1	1
39	Hymner or thirst		-	1	1
<del>1</del> 5	042	4	-	3	]
95e.	Uther accidents————————————————————————————————————	3	]	3	ł
95c,e		1	7	l	
	XVIIIIll-defined and unknown causes	9		4	
20	Ill-defined and unknown causes	9 7	I -	4 5	1
30a.	Unknown or unspecified causes	2	] -	์ 1	İ
200b,c		. 4	1		

Table 14.—DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List umbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

	·												
CAUSE OF DEATH (SEX FOR ALL CAUSES OBLY)	Total deaths	Jan.	Feb.	Mer-	Apr.	May	June	July	Aug.	Sept.	Oct.	йоv.	Dec.
ALL CAUSES	340	24	29	29	31	21	32	33	31.	32	26	25	27
Male Female	175 165	16 8	13 16	12 17	16 15	9 12	18 14	15 18	19 12	16 16	14 12	14 11	. 13
Tuberculosis (all forms)	10 10 14	- 3	1	2 2 1	- - 3	- ī	-	2 2 ~	-	3 5 1	1	2 2 1	- 2
Cancer and other malignant tumers	22 13 1 2 6	2 2 -	3	3 2 - -	1	1	2 1 	. 2 1 1	2 - 1	2 1	=	1	3 2 -
Diabets (except alcoholic) — 61 Pellagra (except alcoholic) — 69 Alcoholism (ethylism) — 77 Intracranial lesions of vascular origin — 68	4 1 1 21	-	-	3	1 - 5	1	1	1	- - -	1 2	4	1	1 - 2
Diseases of the heart————————————————————————————————————	68 6 2 BQ	7 - - 7	, 11 1 -	6 1 - 5		10 1 -	6 - 1 s	9 2 - 7	10 1 -	5 - 5	6	4 - -	8 - 1
Arteriosclerosis and high blood pressure*	13 29 15 13	1	1 3 2 1	4 2 2	1	2	5 3 2 -	1 4 3 1	3 4 1 2	2	1 4 -	1	1 2 - 2
Ulcer of stomach or duodemma	3 24 1 4 1 12	1 - - 3		3	3	11111	- 4 - - - 1	5 : 1 : 2	2	1 3 - 2 -	3 1	1 2 - - 1	2 1 1
Diseases of pregnancy, etc.*	1 2 1 1	1 - -	-	111	1111	`	1	- - -	-	-	- - -	- 1 1	:
Congenital malformations	2 30 18 12	1 1 -	- 4 2 2	1 1 1	3 2 1	- 2 1 1	4 3 1	1 - 1	3 1 2	4 3 1	- 4 3 1	- 3 2 1	:
Suicide	1 4 14 1 13 19	- 1 - 1 1	1 1 1	- 2 - 2 2 2	1 1 7	1 1 1	1 1 2 4	2 2 3	- 3 1 2 1	- - - 5 3	1	1 - 1 1 2	1 1 1 1 1

Refer to International List for complete title, table IX.

Table 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 (Exclusive of stillbirths. Causes in the selected list (table 12, Fuerto Rico) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	i to	5 <b>to</b> 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
	ALL CAUSES	340	73	25	ı	3,	5	3	13	9	52	46	59	52	28	2
	White	12 12 146 139 17	2 36 26 6	10 8 4 3	111111	1 1 1	3 2	- 2 - 1	1 4 6 1	1 2 3	1 9 11 -	2 20 20 20 2	1 29 26 2	3 3 24 19	1 3 5 16 1 2	1 1
13-22	Tuberculosis (all forms)  White	10 1 1 3 5	1 1 1 1 1 1 1	1111111		1 1 1 1 1 1 1	1	-	1	1	4 1 3.	2	1	1 1 1 1 1	-	-
13	Tuberculosis of respiratory system, etc. *	10 1 1 3 5		4 1 2 1 1 4		-	1	1	1	1	1 3 - 1	2	1			-

\*Refer to International List for complete title, table IX.

1 "Mixed" designates a mixture of white and Negro.

Table 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 -Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

	(Exclusive of stillbirths. Causes in th	e selected	1181 (1	able 12	, Puert	0 H1co)	for wh	ich the	re were	no dea	ths ere	not an	CUNID )			
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
30	Syphilis	14	_	_	_	•	_	_	2	_	4	5	1	2	_ ]	_
	White	1	-	-	- 1	-	-	-	-	-	ı	-	- 1	-	-	-
	Female	10	] -	-	[		_		S	-	3	4		í		[ -
	Female Mixed and otherMale	3	-	-	-	_	-		-	-	-	1	1	1 -	- 1	í -
	Female	] -1	} -	-	-	-	-	-	_	-	-	-	_		-	_
45-55	Cancer and other malignant tumors	22	l _		_	1	_	_	_	_	2	5	6	7	l	_
00	WhiteMnlc	2	-	-	-	-	-	-		-		ĩ	-	1	-	-
	Female	8 8	:	-	-	1 -		-	-	-	ī	_	4	1 4	_	-
	Female	6	-	-	-	-	- 1	-	-	-	1	2	2	:	1	-
	Mixed and otherMale Female	1 2	-	-		-	-	-	_	-		1 1	-	ī	-	[
46	Cancer of the digestive organs and paritoneum	13	١.	l _	_	_	_	_	_	_	_	4	4	4	1	l _
	WhiteMale	] 2]	-	-	-	-	- ,	-		-	-	1	-	1	ļ - i	-
	MegroMale	6	-	-	_		- !		-	_	-	_	3	3	-	_
	Female	3	-	-	-	-	- :	-	-	- 1	-	1	1	-	1	-
	Mixed <sup>1</sup> and other	1 1	-	-	-		-	-	-	Ξ,	-	1	-	_	-	
48,49	Cancer of female genital organs	1	_	_	_	_	_	_	_ '	_	_	1	_	_	_	_
-0,20	WhiteFemale-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	NegroFemale	1 -	:	_	[	;	- :		_	_	[	1	-	:	-	-
50		2	_	1				_	_		ı		١,	_	_	
ao	Cancer of the breastMale	اءً	-	-	-	-	-	_	[ ]	] -	-	-	_	-	-	-
	Female	[	1 :	-			-	_	_	-			-	-	=	
	Female	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-
	Mixed <sup>1</sup> and other	[]	1 -	-	-	-	-	_	-	_ :	-	-	_	-	-	
45,47,5155	Cancer (other sites)	6	_		_	1	_	_		_	1	_ '	1	3	_	i _
, , , , , , , , , , , , , , , , , , , ,	WhiteMale	- 1	-	-	-	- 1	-	-	-	-	-	-	-	-	-	-
	Female	2 3	-	_	-	1	] [	] -		-	1	-	1	1		
	Female Mixed and other		_	_	-	_	_	:	-	-	_	-		:		i :
	Female	1	-	-	-	-	-	-	-	-	-	-	-	1.	-	-
61	Diabetes mellitus	4	_	_	-	_	1	-	_	_	ı	2	-	-	-	
	WhiteFomale	:	1 -	-	-	- 1	-	-	-	<u>-</u>	-	- -	-	_		-
	NegroMale	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	Female Mixed and otherMale	3 -		_	_	] [	-	]	]	_	1 -	2 -	-	_	_	{ <u> </u>
	Female	-	-	] -	-	-	-	-	-	-	-	-	-	-	-	-
69	Pellagra (except alcoholic)	1	-	-	-	-	-	-	-	-		-	1	-	-	-
	White	] [	] [	_	_	-	_	_	_	-		_	]	_	:	
	NegroMale	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Female Mixed and otherMale	]	] [	-	-	] [	-		_	-		_	_	_	[	_
	Fomele	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	Alcoholism (ethylism)	1	-	-	-	1 -	-	-	-	-	1	-	-	-	-	-
	WhiteMale		11 -	:	:	-	:	] -		] [	_		-	] [	] [	] [
	NegroMale	1	-	-	-	-	-	-	-	-	1	-	-	-	_	-
	Female Mixed and otherMale	-	] -	-	_	-	-	] -		-		-	_	1 -	-	-
	Fenale	-	-	-	-	-	-	-	-	-	- 1	-	-	-	-	-
83	Intracranial lesions of vascular origin	21	-	1	-	-	-	-	-	1	2	3	5	7	1	1
	White	_	-	_	:	]	. :	-	_	-	_	] [		_	]	:
	Negro	8 13	-	1	-	_	_	-	_	1	1	3	2 3	3 4	i	1
	Fenale Mixed and other	} -	]] -	-	] [	_	-	-	-	] [		} -	} -	l -	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	_	-
90-95	Diseases of the heart	88	-	-	-	-	1	1	1	1	1	18	28	1.9	18	-
	White	3 3	-	_	-	-	] :	:	-	-	-	-	ī	1	1	] =
	NegroMale	36 42	<u>-</u>	-		-	ī	1	1	ī	ī	9 8	12 14	10 5	11	l <u>-</u>
	Mixed and otherMale	1	-	-	-	-	-	-	=	-	-	-	1	-	-	-
	Female	3	-	-	-	-	-	-	-	-	-	~	-	2	1	-
90z,92b,c, 93c,95b	Chromic rheumatic diseases of the heart	6	_	-	_	-	1	1	1	1	_	_	2	-	-	-
	WhiteMale	-	-	-	-	-	=	-	-	] -	-	-	-	-	1 -	-
	Female	2	<u>-</u>	:	-	:	-	ī	-		-	] -	ī	1	1	:
	Female Mixed and otherMale	4	:	]	_	] [	1	-	1	1 -	_		1	1 :	1	] _
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ļ -
94	Diseases of coronary arteries, angina pectoris-	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-
	WhiteFemale	_	:	-	:	-		-	-		_	_	_	-	:	! :
	NegroMale	2	:	=	-	- 1	-	-	-	- 1	l -	1	- 1	1	-	-
	Female Mixed and otherMale	-	-	-	-	-	_	-	-	-	-	] ]	] :	:	:	=
	Female		JI -	ı -	ı -	-		ı -				• -		-	٠ -	' -

<sup>1&</sup>quot;Mixed" designates a mixture of white and Negro.

Table 15. -DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 -Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puérto Rico) for which there were no deaths are not shown)

	(Exclusive of Scripping, Carses in the					~ H200)							<u> </u>	,		
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat. ed
	Diseases of the heart-Continued							-		٠.						
90ъ,91,	Diseases of the heart (other forms)	80	-	-	-	-	-	-	-	-	1.	. 3.7	26	1.a	38	-
92a,d,e, 93a,b,d,e,	WhiteNalo	3 3		-	_	-	-	_	_	_	-	1	ī	1	1	· -
95a,c	NogroMale	32	-	-	-	-	-	-	-	-	-	8	11	9	4	i -
	Female Mized and otherNale	38 1		_	-	-	_	_	_	_	1	8	13 ·1	5 -	11	-
	Female	3	-	-	-	-	-	-	-	-	-	-	=	2	1	-
97,102	Artericaclerosis and high blood pressure*	13	l _	_		_	_	_	_	_	_	3	3	5	2	_
0.,202	WhiteMale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female NegroMale	1 5	]	! :	-	-		_		_		2	ī	2	1 -	_
	Female	7	-	-	-	-	-	- 1	-	-	-	1	[ 2	3	1	-
	Mixed and other	<u>-</u>	_	l :	l -	_	_	_		_ :			i :	-	-	_
						]				_		_ :	i '			ĺ
107-109,33	Presumenta (all forms) and influenza	29	16	10	] [	:	_		-	1	_	1	_	l' <u>-</u>	1 -	=
	Female	1	-	:		-	-	-	-	1	-	-	-	-	-	-
	NegroMale	16 8	9	6 3	-		-	_	_	-	-	1 -	_	-	ĩ	, -
	Mixed and otherMale	4	3	i	-		-	-	-	-	-	-	-	-	-	-
	Female—	-	· -	-	l -	-	~	-	-	-	-	-	-	-	-	_
107	Brouchopnermonia	15	10	5	i -	-	-	-	-	-	- 1	-	-	-	-	-
	White	[	-	:	-	-						-	:			i -
	MegroMale	8	5	3	-	-	-	-	-	-	-	-	-	-	- ,	-
	Female Mixed and other	4 3	2	S	[	[	_ [	:	-	-	]	-	- '	-	-	_
	Female-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	Lobar pneumonia	3.3	6	5	_	_	_	_	_	1	_	1	- 1		_	i _
	WhiteKale	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
	Female Negro	1 8	l ~	3	_	_	_	_	_	1	_	1	[	_	_	
	Female	5	2	1	-	-	-	-	-	-	-	-	- 1	-	-	-
	Mized and other	, 1	-	1		]	-	-	_	_	-	_	1 - 1	_		i -
		1 .			ļ								'		_	i
35	Influenza	1 -	-	[ -	_		_	-	[	_	_	_	_		1	i -
	Female	-	-	-	-	-	-	-	_	-	-	-	-	-	-	i -
	Negro	[	] -	:	_	_	_	-		_	-	-	_	-	ī	į -
	Mixed and otherMale	-	-	-	· -	-	-	-	-	-	-	-	- '	-	-	-
	Fenalo-	1 -	-	-	-	-	-	-	_	-	-	-	-	-	-	· -
117	Ulcer of stomach or duodenum	3	-	-	-	-	-	-	ı	-	-	1	- '	-	1	-
	White	[	=	[	_	_	_	[	_		_ :		[ ]			-
	NegroMale	<u>-</u>	-	-	-	-	-	-	<u>-</u>	-	-	- <u> </u>	- '	-	- <sup>1</sup>	-
	Fonals Mixed and other	1 2	-	1 :	_	_	_	:	1 -	_		ī	'	:	ī	-
	Fenale	i -I	-	-	-	-	-	-	<b>-</b> -	-	-	-	- '	-	-	i -
119,120	Diarrhea, enteritis, etc. *	24	19	3	-	-	_	ı	_	<b>-</b> .	-	_	- '	1	_	-
•	WhiteKale	- !	-	-	-	-	-	-	-	-	-	-	- '	-		-
	Female	ı i	n i	1 :	_	-	_	-	·	_		-	_	-		-
	. Female	10	7	2	-	-	-	-		- 1	-	-	- '	1	-	-
•	Mixed and other	1 2	1	ī	_	_	_	l ī		_	_ :	_				-
		ا ا	ł	1	j		ł					ŀ				l
122	Hernia end intestinal obstruction	1	]		]	[	]	[	_	_		_	1 -	-	_ :	-
	Female	J <u>-</u> I	-	-	-	-	-	-	-	-	-	-		-	-	-
	Negro	1 -		:	_	_	_	-	=	_	_	-	1 -	:	_	_
	Mixed and other	-	-	-	-	-	-	-	-	-	-	-	<b>-</b>	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	Cirrhosis of the liver	4	-	-	-	-	-	-	1	1	-	-	1	1.	-	-
	White	1	_	] [	1 :		-	[	_;	1	-		_	1 -		-
	Negro	Ī	-	-	-	· -	-	-	-:	-	- 1	-	1	l -	-	-
	Female Mixed and other	ī	-	[	[ ]	[	_		l ī	_	_		-	=	-	=
	Female-		-	-	-	-	-	-	-	-	-	-	-	-	-	
126,127	Biliary calculi, etc. *	1	l -	<u> </u>	-	_	_	l <u>-</u>	_ `	_	_ :	1	_	i -	_	-
	WhiteKale	-	-	-	-	-	-	-	-	-	-	-	-	-	_ <i>-</i> ′	-
	NegroMale	[]	_	[ ]	-	_	Ξ,	[	-	_	-	[	] [	-	-	=
	Fenale	. <del>-</del>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed and otherNele Female	- ī	-	-	-	-		-	[	[	_	1	-		_	=
				_	· ,											l
130-132	Nephritis	12	1 -	1	] [	-	[	-	::	-	5	1 -	3 -	2	1	=
	Female	-	ī	-	-	-	-	-	-	-	- 1	-	-	-	-	-
•	Negro	6 6	1 -	Ī	! :	:		_	:	-	1 2	1	2	1	1	=
	Mixed and otherKale	-	-	=	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	<b>-</b>	-	- I	<b>-</b>	-	-	-	-	-
137	Diseases of the prostate	1	-	-	-	-	-		<b>  -</b>	-	-	-	-	1	- ;	i -
•	White	i	-	=		<u> </u>	<u>-</u>	:	_	-	-	-	-	ī	_	-
	Mixed and otherMale	-	] =	:	] [	-	[	[		]	-	-	[	-	_	, I
'																

\*Refer to International List for complete title, table IX.  $^{1}\,{}^{\rm M}{\rm Kized}^{\rm H}$  designates a mixture of white and Negro.

Table 15. - DEATHS FROM SELECTED CAUSES, BY AGE. RACE, AND SEX: VIRGIN ISLANDS, 1948 - Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1 to	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stat- ed
140-150	Diseases of pregnancy, etc.*	2	ii -	_	_	_	-	-	1	1	_	<del> </del>	_	_	- <u>-</u>	<u> </u>
	WhitePemele NegroFemele	- 2	-	=	-	-	-	:	1	1	<u>-</u>	] -		_	-	1 :
	Mixed and otherFemale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141a,c,144, 148	Puerperal tommia	1	-	-		-	-	-	1	-	-	_	] :			-
	Negro	1		-	-	-	-	-	1	_	-	-	] :	:	-	
141b,142b,	Hemorrhage, trauma or shock*	1	-	-	-	_	_	-	-	1	_	-	.	-	_	
143,146,149	NegroFemale	1	-	-	-	-	-	-	-	1	-	-	] :	:	:	:
	Mixed and otherFemale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	Congenital malformations	2	1	1	-	-	-	-	-	] -	-	-	-	:	_	:
	Female	1	-	ī	-	-		:	_	-	-	-	-	-	-	:
	Female Mixed and otherMale	[ -	-		-	-	_	-	-	-	-		-	-	-	:
	Female	1	1	-	-	-	-	-	-	- 1	-	-	-	-	-	-
158-161	Diseases peculiar to first year of life	30 2	30 2		•••				:::	:::	•••	:::	•••			:::
	Female	1 15	1 15	•••	•••	•••	:::			:::			•••		•••	
	Female Mixed and other	10 1	10 1	***		•••	•••	:::	•••				•••	***	***	:::
	Female	1	1	•••	•••	•••										
159	Premature birth	18 1	18 1									:::	•••		:::	
	Female	1 11	1 11					:::	:::	:::	***					:::
	Female Nixed end otherMale	4 -	4	•••	• • •			:::	:::	:::	***	:::	***			:::
	Female	1	1	•••	•••	•••			•••	•••	•••	•••	•••		•••	
158,160,161	Other diseases peculiar to first year of life	12 1	12 1	•••	•••			:::		:::					:::	:::
	Female	1	-			•••		:::				:::		:::	:::	:::
	Fenale Mixed and other	6 1	6 1	•••	•••	•••		:::	•••					:::		:::
	Female	-	-	•••	•••	•••				•••	•••	•••	•••	•••	•••	
163,164	Suicide	1	-	-	-	-	1 -	-	-	-	-	-	-	-	-	-
	Female	-		-	-	-	-	-	-	-	-	-	-	_	-	] =
	Female Mixed and otherMale	1	-	-	-	-	1	-		-	-	-	-	-	-	]
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165~166	Homicide	4	-	-	-	-	-	<u>-</u>	2 1	1		1	-	-	-	-
	Female	2	-	_	-	-	- 1	-	1	1	1	-	-	_	-	-
	Fenale Mixed <sup>1</sup> and other	1	-	-	-	-	-	-	-	-	-	1 -	-	-	-	-
	Fenale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
169-195	Accidental deaths	14 1	4	1	-	7	-		2	2	2	2 -	-	-	-	: :
	Female NegroMale	- 5	-	ī	:	-	•	-	1	-	- 1	2	- [	-	- 1	_
	Female Mixed and other	6 1	4	-	- [	ī	- 1	-	-	1	1	-		-	-	_
	Female	ı	-	-	-	-	-	-	1	-	-	-	-	-	- [	
170	Motor-vehicle accidents	1	-	-	-	1 -	-		-	-	-	-		_	-	-
	Female	-	-	-	- [	-	-	-	-	-	-	-	-	-	-	-
	Female Mixed and otherMale	ī	-	-		ī	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169,171-195	Other accidentsMale	13	-	1 -	-	-	-	-	5	2	5	2	-	-	-	-
	Female NegroMale	5	-	ī	-	-	-	-	1	-	1	2	-	-	- 1	-
	Female Mixed and otherMale	6	4	-		-	-	-	-	1 -	1	-	-	-	-	_
	Female	1	-	-	-	-	-	-	1	-	-	-	-	-	- 1	- 
162,199,200	Senility, ill-defined and unknown causes	19	1	7 -	-	-	-	-	-		-	-	4	3	3 -	1
	Female NegroMale	1 6	:	2	-	-	-	-	-	-	-	-	- 2	- 2	1 -	-   -
	Female Mixed and other	5 5	- 1	1 3	-	-	-		-	-	-	-	1	1	1	1
	Female	z 19	- 1	1	-	1	1	1	2	-	- 2	1	5	-	1	-
	White	1 - 1 -	-	-	- [	-	-		-	[]	-	-	-	i	- [	
	NegroMale	7 10	1	=	-	ī	ī	ĩ	2	- []	1	1	3 2	3		
	Mixed and other	-	-		=	-		-	-			- [	-	-		Ξ
	Female	1	L	1												

\*Refer to International List for complete title, table IX.  $^{1\,\rm m}{\rm Mixed}^{\rm m}$  designates a mixture of white and Negro.

## Table 16-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Rumbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

,					TYPE OF SERVICE	
CAUSE OF DEATH	Total deaths	Deaths not in institutions	Deaths in institutions	General . hospitals	Other nonresi- dent hospitals and institutions	Resident institutions
ALL CAUSES	340	118	222	194	2	26
Tuberculosis (all forms)	10 10 14	5 5 6	5 5 8	- 5 5 6	-	- 2
Cancer and other malignant tumora————————————————————————————————————	22 13 1 2 6	12 8 1 - 3	10 5 - 2 3	10 5 - 2	'	- - - - -
Diabetes mellitus	4 1 1 21	- 1 7	4 1 - 14	3 1 10	- - -	1 - - 4
Diseases of the heart————————————————————————————————————	88 6 2 80	37 2 1 34	51 4 1 46	42 4 1 37	-	9 - 9
Arteriosclerosis and high blood pressure*	13 29 15 13 1	6 11 6 4 1	7 18 9 9	1* 18 9 9	1	6 - - -
Ulcer of stomach or duodenum ————————————————————————————————————	3 24 1 4	5 - 2	3 19 1 2	3 19 1 2	1 1 1	- - -
Biliary calculi, etc.*	1 12 1	- 4 1	1 8 -	1 8 ~		-
Diseases of pregnancy, etc.*	2 1 1	-	2 1 1	2 1 1	ر. -	-
Congenital malformations — — — — — — — — — — — — — — — — — — —	2 30 18 12	5 2 3	2 25 16 9	2 25 16 9	 - -	-
Suicide     163,164       Romicide     165-168       Accidental deaths     189-195       Motor-vehicle accidents     170       Other accidents     169,171-195	1 4 14 1 13	1 2 1 -	2 13 1 1	2 13 1 1 12	-	- - - -
Semility, ill-defined and unknown causes	19 19	7 5	12 14	9 11	2	3

\*Hefer to International List for complete title, table IX.

#### Table 17.-DEATHS FROM SELECTED CAUSES: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths. Sumbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Virgin Iolands	St. Croix	St. John	St. Thomas	CAUSE OF DEATH	Virgin Islands	St. Croix	St. John	St. Thomas
ALL CAUSES	340	179	3	158	Diseases of pregnancy, etc.*140-150 Congenital malformations157	2 2	- 2	-	2
Tuberculosis (all forms)13-22 Syphilis30	10 14	2	-		Premature birth	าฐ	รั	=	15
Cancer and other malignant tumors	22	13	=	9	year of life158,160,161	12	6	-	6
Pellagra (except alcoholic)69	, î	-	-		Suicide163,164 Homicide165-168	. 4	l î	-	1 3
Intracranial lesions of vascular origin83 Diseases of the heart90-95 Pneumonia (all forms) and	21 89	15 52			Motor-vehicle accidents	13	. 1 .3	-	10
influenza	29 24 12	· 6 8 5	- -	16	Senility, ill-defined and unknown causes	19 43		ī	8

\*Refer to International List for complete title, table IX.

TABLE 18-DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1936 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total deaths under l year	Under 1 day	l day	de ув	3 to 6 days	7 to 13 days	20	29	Under 1 month	1 mo.	2 mo.	3 mo.	4. 240.	5 mo.	6 1110.	7 100.	g no.	9 110-	1.0 110.	11 no.
ALL CAUSES	73	15	2	1	6	2	4	1	31	5	3	5	S	6	4	S	6	4	3	z
Diseases of the thymus gland	1 16 10 6	1111	1111		1	1111	1 -	111	1 1 1	-		3 2 1	2 1 1	i i	- 2 1 1	2 1	1	- 2 1	2 1 1	= :
Diarrhea, enteritis, etc.*	19 1 1	- - -	- - -	- - -	1 - 1	-	2 -	1 - -	-	- -	ī 1 -	- - -	- - -	2 	2	1 1	4	1 - -	- : -	2 - -
Diseases peculiar to first year of life158-161 Congenital debility	30 4 18 3 5 4 1	15 9 2 4 4	1	1 - 1	4 1 2 1	2 -	1	11111	24 1 15 3 5 4	2 - 2	1	11111	11111	1 1	11111	1 1 1 1 1 1	1 - 1 1 - 1	1	1	111111
Accidental deaths	4 4 1	- -	1	-					1 1	1	1	- - -		1	-	- -	1	1 1 1		-

<sup>\*</sup>Refer to International List for complete title, table IX.

#### TABLE 19.-INFANT MORTALITY RATES FOR SELECTED CAUSES: VIRGIN ISLANDS, 1931-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

CAUSE OF DEATH	1948	1947	1946	1945	1944	1,943	1942	1941	1,940	1939	1938	1937	1936	1935	1934	1933	1.932	1951
ALL CAUGES	88,4	89.0	91.6	124.0	101.0	83.8	101.2	112.2	136.2	101.7	152.3	124.1	105,4	170.7	97.4	157.4	135,8	119.2
Cerebrospinal (meningococcus) meningitis6 Whooping cough	0 0 0	0 2.3 0 0	0 0 2.2	0 0 0	0.9 0 0	0 6.4 0	0 12.4 0	0 0 0 0	0000	0 3.8 0 0	5.7 0 0	0 0 1.4 4.1	0 0 1.5 0	0 0 0 1.5	0 0 1.5 1.5	0 3.5 1.7 0	0 7,2 0 0	0 0 0 2.1
Dysontery	.0 0 1.2 0	0 1.1 0 0	0 2.2 0 0	0 1.0 1.0 0	0.9 0 0	0 1.1 0 0	0 5.4 0 1.1 1.1	0 0 0 0	0 6.6 0 2.6 4.0	0 3.8 0 0	0 7.1 0 1.4 0	1.4 8.3 0 1.4 1.4	7.5 0 0	9.1 0 0	0 1.5 0 0	1.7 3.5 1.7 0	1.8 0 0	6.3 0 0
Convulsions	0 19.4 0 0	0 11.4 2.3 0	1.1 16.4 1.1	0 23.4 1.0 0	0 22.7 0.9 0	1.1 14.0 0 0	0 18.0 0	0 14.5 0 2.4	0 19.8 2.6 0	0 14.0 2.5 1.2	1.4 18.5 0 1.4	0 19.3 2.8 0	1.5 12.0 1.5 0	0 22.9 0 1.5	0 9.1 1.5 0	0 31.1 5.2 1.7	1.8 12.7 10.8 0	0 18.8 0 0
Diarrhea, enteritis, etc.*	23,0 0 1,2 21,8 3.6	26.3 0 3.4 24.0	26.2 4.4 1.1 13.1 0	48.6 1.0 3.0 19.3	29.3 0.9 3.8 21.7 0.9	26.9 1.1 5.4 14.0 2.1	31.5 0 2.2 18.0	37.4 0 7.2 29.0 0	48.9 0 2.6 22.5 1.3	29.2 0 2.5 17.8 2.5	46.9 0 1.4 21.3 5.7	30.3 1.4 8.3 23.4 4.1	40,7 0 6,0 15.1 4.5	63.8 0 6.1 19.8 1.5	28.9 1.5 4.6 24.4 1.5	45.0 0 10.4 24.2 3.5	27.1 0 5.4 28.9 1.8	39, 7 0 0 18,8 2,1
Congenital debility and other diseases peculiar to first year*	10.9 4.8 1.2 1.2	13.7 0 1.1 3.4	12.0 3.3 2.2 6.6	18.3 1.0 3.0 3.0	11.3 3.8 0.9 2.8	8,6 0 0 3,2	12.4 0 0 1.1	8.4 2.4 0 10.9	18.5 1.3 0 5.3	16.5 0 1.3 6.4	14.2 0 2.8 4.3	12.4 0 4.1 0	10.5 0 1.5 3.0	15.2 0 1.5 7.6	10.7 3.0 1.5 6.1	10.4 3.5 1.7 8.7	18.1 0 9.0 9.0	18.8 2.1 6.4 2.1

<sup>\*</sup>Refer to International List for complete title, table IX.

Includes splenic amenia previous to 1940.

Previous to 1939, rates are for branchitis only.

Previous to 1945, included other disease of the stomach (except cancer).

Previous to 1939, included deaths under 5 months only.

#### **ALASKA**

## YEAR. AND STILLBIRTHS: ALASKA AND ITS SUBDIVISIONS, AND BY SEX, ALASKA, 1948

(By piace of occurrence. Deaths exclusive of stillibirths)

(-) /				
Area (Sex for Alaska Ohly)	Live births	Deaths (all ages)	Deaths under 1 year	Still- births <sup>1</sup>
ATASKA	3,079	1,197	145	33
Malo Fenale	1,620 1,459	845 352	76 69	13 20
First Judicial Rivision———————————————————————————————————	678 428 1,310 663	323 166 383 305	20 33 44 48	11 3 12 7

<sup>&</sup>lt;sup>2</sup>Includes only stillbirths for which the period of gestation was stated to be 20 eks (or 5 months) or more, or was not stated.

#### TABLE 1.-LIVE BIRTHS, DEATHS, DEATHS UNDER 1 TABLE 2.-LIVE BIRTHS BY RACE: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occurrence)

	<u></u>				
:	AREA	Total births	White	Native	All other
	ATASKA	3,079	1,906	1,155	18
	First Judicial Division	678	392	279	7
	Second Judicial Division	428	29	396	3
	Third Judicial Division	1,310	1,088	23.5	7
	Fourth Judicial Division	663	397	265	1

#### TABLE 3.-LIVE BIRTHS BY SEX AND MONTH: ALASKA, 1948.

SEX	Total births			September	October	November	December						
TOTAL	3,079	239	237	222	250	· 240	238	272	289	265	301	264	262
MaleFemsle	1,620 1,459	129 110	. 125 112	116 106	134 116	126 114	120 118	142 130	141 148	149 116	164 137	129 135	145 117

#### TABLE 4.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: ALASKA AND ITS SUBDIVISIONS, AND BY RACE, ALASKA, 1948

(By place of occurrence)

	·		NUMBER ATTEN	DED BY	•			PERCENT ATT	ENDED BY—	
ARBA (RACE JOR ALASKA OXILY)	Total births	Physicien in hos- pitel <sup>1</sup>	Physician not in hospital	Midwife	Other and not speci- fied	Total percent '	Physician in hos- pital <sup>1</sup>	Physician not in hospital	Midwife	Other and not speci- fied
ALASKA	3,079	2,401	38	380	260	100.0	78.0	1.2	12.3	B.4
White	1,906 1,155 18 678 428 1,310 663	1,865 524 12 588 105 1,200 508	,22 15 1 19 3 11 5	8 369 32 32 227 64 57	11. 247 2 39 95 35 35 93	100.0 100.0 100.0 100.0 100.0 100.0	97.8 45.4 66.7 86.7 24.5 91.6 76.6	1.2 1.3 5.6 2.8 0.7 0.8 0.8	0.4 31.9 16.7 4.7 53.0 4.9 8.6	0.6 21.4 11.1 5.8 21.7 2.7 14.0

<sup>&</sup>lt;sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

#### Table 5.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: ALASKA, 1948

	• .	AGE OF MOTHER														
RACE	Total births	10-14 years	15-19 years	20-24 years	25-29. Yearb	30-34 years	35-39 <b>year</b> s.	40-44 years	45-49 <b>y</b> ears	50 years and over	Not stated					
ALL RACES	3,079	1	283	978	947	513	273	69	5	1						
White	1,906 1,155 18	ī -	130 152 1	602 372 4	655 284 8	347 164 2	140 131 2	31 38	1 4 -	1						

#### Table 6.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: ALASKA, 1948

(Birth order refers to number of children born alive to mother)

	m-+-3					AGE OF MO	PHER				
BIRTH CRIER	Total births	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50 years and over	Not stated
TOTAL	3,079	1	283	978	947	513	273	69	5	1	
First child	998 8 <b>33</b> 471	1 -	210 60 11	407 322 143	232 275 189	107 119 85	31 45 36	9 11 4	ī	-	
Fourth child	239 139 105	- - -	1	55 20 14	91 83 47	53 37 26	32 14 12	7 3 2	- 1	- ' 	
Seventh child	70 49 47	-	- -	1 - -	27 7 3	29 22 19	13 18 18	- 2 6	=	1	
Tenth child	23 24 19	-	- - -	-	1	6 5 1	12 11 10	4 6 7	ī 1	-	
Thirteenth child and overNot stated	19 43	-	-	16	11	1 3	10 11	7	1 -		

#### TABLE 7.-LIVE BIRTHS BY RACE AND BIRTH ORDER: ALASKA, 1948

(Birth order refers to number of children born alive to mother)

							1	BIRTH CROS	R						
RACE	Total births	lst	24	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES	3,079	998	833	471	239	159	105	70	49	47	23	24	19	19	43
White Native All other	1,906 1,155 18	770 224 4	633 193 7	286 181 2	133 105 1	34 104 1	14 91 -	5 64 1	1 47 1	2 45 -	1 22 -	1 23	- 19 -	- 19	24 18 1

#### TABLE 8.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: ALASKA, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births.

Total number of cases is necessarily less than total number of births for any given period)

RACE	Total births	Total cases (single and	Cases of single		WAS BORN ALIVE
		plurel)	birthe	Total	Twins
ALL RACES	3,079	3,051	3,021	30	30
White NetiveAll other	1,906 1,255 18	1,986 1,147, 18		22 8 -	22 8

#### TABLE 9.-MARRIAGES AND DIVORCES: ALASKA, 1946-48

YEAR	Number of nurringes	Number of divorces
1948	1,567	350
1947	1,499	354
1946	1,519	385

### TABLE 10.-DEATHS BY RACE: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occur	rrence. Exclu	mive of atil	birthe)	
ANEA	Total deaths	White	Native	All other
ALASKA	1,197	671	503	23
First Judicial Division Second Judicial Division Third Judicial Division Fourth Judicial Division	323 186 383 305	222 21 296 132	93 163 76 171	8 2 11 2

## SUPPLEMENT-ALASKA

Table 11.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

	1		i		TYPE OF S	ervice	
· · · AHEA.	Total deaths	Deaths not in insti- tutions	Deaths in insti- tutions <sup>1</sup>	General hospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Resident institutions
ALASKA	1,197	696	501	419	22	3	41
First Judicial Division	323	137	186	130	6	2	.41
Second Judicial Division	186	164	22	20	-	-	-
Third Judicial Division	383	203	1.80	160	16	-	-
Fourth Judicial Division	305	192	113	109	-	1	-

<sup>&</sup>lt;sup>1</sup>Includes deaths occurring in institutions of unknown type.

Table 12.-DEATHS BY AGE, RACE, AND SEX: ALASKA, 1948

(Exclusive of stillbirths)

																					_							
RACE AND SEX	Total desths	, Under 1	1	2	3	4	Under 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	to		100 and over	Not stat- ed
ALL RACES	1,197	145	34	25	15	8	227	22	22	48	81	77	64	70	38	60	51	54	59	83	70	71	53	28	2	6	1	10
Male Femele	845 . 352	76 69	16 18	11 14	7 8		112 112	10 12		35 13	57 24		50 14	53 17	<b>31</b>	50 10	38 13	38 36	46 13	83 20	58 12	53 18	39 14	25 3	1	5 1	ī	9
White	671 555 116 503 272 251 23 18 5	57 30 27 88 46 42	30 14 16	2 1 23 10 13	1 1, 14 6 8 -	211642	66 35 31 161 80 81	2 19 9 10 1	1.	18 17 1 28 16 12 2 2	40 38 2 35 15 20 6	31. 2 42 26 16	29 25 4 34 24 10 1	39 34 5 29 17 12 2	29 24 5 9 7 2	43 38 5 17 12 5	36 30 6 14 7 7	41 30 11 12 7 5	49 39 10 9 6 3	52 53 9 20 9 11 1	52 48 4 17 9 8 1	52 43 9 17 9 8 2	45 36 9 8 35	20 20 8 5 3	1 1 1	4 2 1 1	1 - 1	9 8 1 - - 1

Table 13.-DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948 (Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total deaths	White	Nativo	All other
	ALL CAUSES	1,197	671	503	23
	I.—Infectious and paresitic diseases	282	35	240	7
9 10	Whooping cough	23	-	23	-
13-22	Tuberculosis (all forms)	1 244	1 24	213	7
13 14	Tuberculosis of respiratory system, etc.*	199	17	176	6
15	Tuberculosis of intestines and paritoneum	30 2	3 -	27 2	-
16 17	Tuberculosis of vertebral column	3	1 1	2	-
50	Tuberculosis of genito-wrinary system	2	ı	ī	-
21 22	Tuberculosis of other organs Disseminated tuberculosis	1 6	1	1 4	-
24	Septicemia and purulent infection (nonpuerperal)	ı	i	-	÷
25 30	Gonococcus infection	1 3	- 3	1	-
30d	Anourysm of aorta	3	3	<u>-</u>	-
33	Influenza	9	6	3	-
	II.—Cancer and other tumors————————————————————————————————————	54	40	14	
45-55 45	Cancer and other malignant tumors	52 1	40 1	12	-
45b	Cancer of tongue	1	1	-	-
46 46a	Cancer of digestive organs and peritoneum	27	21	6 -	_
46b 46d	Cancer of stomach	14	13	1 1	-
460	Cancer of intestines, etc.*	1	3 -	i	-
46f 46g	Cancer of liver and biliary passages	3	2	1 2	-
48	Cancer of uterus	5	1	i l	
48a. 48b	Cancer of other and unspecified sites of uterus	3 2	1	2 2	-
50	Cancer of breast	2	1	ĩ	-
51 51b	Cancer of male genital organs	7 6	7 6	-	-
5la,c-e	Cancer of other male genital organs	1	ĭ	-	-
52 526	Cancer of bladder	2 2	2 2	-	-
55	Cancer of other and unspecified organs	8	7	1	-
56,57 57	Normalignant tumors and tumors of unspecified nature	2 2		2 2	-
57a	Tumors, central nervous system* (nature unspecified)	1	- }	1	-
57e	Tumors, other organs (nature unspecified)	1		1	-
	III.—Rhoumatism, diseases of nutrition, etc.*	10	7	5	<u>-</u>
58 58e,£	Acute rheumatic fever	5	i <u>-</u> 1	2 2	
61	Dishetes mellitus	6	6	-	-
65 70	Diseases of adrenal glands*	1 1	-	ī	
	IV Diseases of the blood and blood-forming organs	2	z		
73	Anemias (except splenic anemia)	1	1	-	-
73b-d 74	Other anemias (except splenic)	1 1	1 1	-	-
74a	Loukemias	1	1	-	-
	V.—Chronic poisoning and intoxication	15	9	5	1
77	Alcoholism (ethylism)	`15	9	5	1
	VI Diseases of the nervous system, etc. *	59	43	16	
81.	Meningitis (not due to meningococcus)	8	2	6	
83 83a	Intracranial lesions of wascular origin	42 37	37 32	5	-
83b,c	Corebral embalism thrombosis and softening	4	4	-	-
63d. 64	Homiplegia, other paralysis, etc.*	1 1	1 -	ī	Ξ.
65	Epileusy	1 3	[	1 2	-
86 87	Convulsions (under 5 years)	3	ž	ĭ	-
89	Diseases of ear and masteld process	1	1	-	-
	VII Diseases of the circulatory system	189	167	19	3
90-95	Discusses of the heart (all forms)	178	157	18	3
91 91a,b	Acute endocarditis (except rheumatic)	1 1		1	-
92	Chronic affections of valves and endocardium	13	12	1 1	-
92a 92b	Discourse of mit-olympian ata *	3	3	-1	-
92 <b>a</b>	Other chronic endocarditis, etc.*	9 65	9 57	7	ī
93 93a	touto managetic (amount abounces)	8	2	-	-
93c	Chronic rheumatic myocarditis, etc.*	1 59	1 51	7	ī
93d 93e	Other wassanditie (unersealfied)	3	3	-	-
94	Timeseer of company extenses engine rectoris	76 75	71 70	4	1
94a 94d	Diseases of coronary arteries	1	1	- 1	-
95 95%	Other diseases of heart (rheusatic)	23	17 2	5	1
95c	Other diseases of heart (not rheumatic)	21	15	5 (	.1.

\*Refer to International List for complete title, table  ${\bf IX}$ .

### TABLE 13.-DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

===					
Int. List No.	CAUSE OF DEATH	Total deaths	White	Native	All other
	VII Diseases of the circulatory system Continued				
96 97	Ansurysm (except of heart and corta)	1	1	_	_
103	Other diseases of circulatory system	8 2	8	ī	=
•	VIII Diseases of the respiratory system	75		45	
104 106	Diseases of masal fossae, accessory sinuses		1	5	-
107 108	Bronichtogneumonia (including capillary bronchitis)	2 15	10	1 5	_
109 109A	Proumonia (unspecified)	11 31	, 7 3	4 29	-
109B 11D	Programmia (all other, unspecified)	30	1 2	28	-
111	Pleurisy (not tuberculous)	1 4	1.	- 1	
112 114	Asthma	2 3	2 2	ī	-
114a,b 114c-e	Silicosis, other forms of pneumoconioses	1 - 2	1 1	ī	:
	IX.—Diseases of the digestive system	43	22	. 21	Ŧ
115 117	Diseases of buccal cavity and adners, etc.*	1	-	1	-
117a	Ulcer of stomach or ducdenum	2 2	1	1	-
118 119	Other diseases of stomach (except cancer)	2 6	2 -	- 6	-
120 121	Diarrhea, enteritis, etc.* (2 years and over)————————————————————————————————————	2 6	- 4	2 2	- -
122 122a	Herria	6	2	1	_
122b 123	Intestinal obstruction	. š	2	3	=
124 124a	Cirrhosis of liver	11	8	. 1	` -
1246	Cirrhosis of liver without mention of alcoholism	5 6	3 5	. 2 1	-
125 127	Other diseases of gallbladder, biliary ducts	1	3 1	1	=
128	Diseases of pencreas (except diabetes mellitus)	1	1	-	-
130	IDiseases of the genito-urinary system	24	20	4	-
131	Chronio nephritis	4 9	4 8	· i	
131a 132	Nephritis unapacified (10 years and over)	9	8 5	1	-
135 137	Diseases of winary bladder	1 2	1 2		• :
137a 139	Hypertrophy of prostate	2 2	2 -	- 2	.5
139a 139b	Diseases of ovaries, fellopian tubes, parametria	1	· <u>-</u>	· 1	-
	XIDiseases of pregnancy, childbirth, and the puerperium	8	. 1	7	-
142	Ectonic gentation	1		1	· -
142b 145	Ectopic gestation, without mention of infection	1	7	1	_
145A 146	With mention of infection	į	·i	- [	-
147	Hemorrhage of childbirth and puerperium————————————————————————————————————	. 2		2	-
150	XII. Diseases of the skin and cellular tissue	1	. 1	1	-
153	Other diseases of skin and cellular tissue	1	1	<del>:                                    </del>	<del></del>
	XIVCongenital malformations	10	7	2	1
157a-d	Congenital malformations of central nervous system	5	• . 4	-	·1
157e,f 157g,h,ա	Congenital malformations of cardiovascular system	3	2 1	1	-
	XVDiseases peculiar to the first year of life	• '61	36	. 25	_
158 159	Congenital debility (cause not stated)	6 41	1 28	5 13	
160	Injury at birth	5	4	1	Ξ.
161	Other diseases peculiar to first year of life	9   37	3 17	. 20	_
100	XVII.—Violent or accidental deaths	279	211	58	10
163,164	Sui ni do	32	28	3	. 1
163 164	Suicide by poisoning	5 27	5 23	- 3	. 1
165-168 166	Homicide by theorem	10	7 6	2	, 1
168	Homicide by other means————————————————————————————————————	3	1	2	_
169-195 -170	Voter-mehicle accidents	256 15	176	53	7 1
170c 172	Automobile accidents (except collisions with trains or streetcars)	15 18	11 7	3 10	1.
173 174	Air-trensport accidents	68 1	68 1	.=	-
1.75	Agricultural and forestry accidents	4	4	-	•
175d,e	rorosery accidents	4 11	41	-1	•

#### TABLE 13.-DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948-Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total deaths	White	Native	All other
	XVII Violent or accidental deaths Continued				
	Accidental deaths—Continued	ĺ	1		
176	Other accidents involving machinery	3	2	1	_
177	Food poisoning	3 1	_ 1	3	_
178	Accidental absorption of poisonous gas	4	4	-	-
179	Acute accidental poisoning by solids or liquids	3	1	2	
180	Conflagration	3	1	2	-
181	Accidental burns (except conflagration)	17 (	9	8	-
182	Accidental mechanical suffocation	4	2	s	-
183	Accidental drowning	. 36	25	12	1
184	Accidental injury by firearms	16	11	3	2
186	Accidental injury by fall or crushing	13	9	3	1
186a.	Accidental injury by fall	12	9	2	1
186ъ	Accidental injury by crushing	1	- 1	1	-
187	Cataclysm, etc.*	1	-	1	
168	Injury by animals (except in agriculture and forestry)	1	-	1	i -
190	Excessive cold	4	4	-	-
193	Accidents due to electric currents (except lightning)	2	1	1	-
195	Other accidents	18	16	1	1
195d	Obstruction, suffocation, etc.*	2	2		-
195c,e	Other and unspecified accidents	16	14	1	1
198	Legal executions	1	-	-	1
	XVIIIIll-defined and unknown causes	48	23	24	1
199	Sudden death	2	1	1	
200	Ill-defined and unknown causes	46	22	23	1
200a	Ill-defined causes	27	20	6	1
200b.c	Unknown or unspecified causes	19	2	17	-

\*Refer to International List for complete title, table IX.

## TABLE 14.-DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1958 revision. Causes in the selected list (table 12, Puerto Ricc) for which there were no deaths are not shown)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mer.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES	1,197	105	89	143	92	114	105	91	91	101	92	91	9
Malo Femels-		64 41	61 26	104 39	51 31	82 32	69 33	63 28	63 28	75 26	66 26	63 18	7.
hooping cough	23	1		1	4	10	2	3	1	_	1	-	
iphtheria	) 1	1	i -	_	-	-	- 1	-	-		-	-	1
uberculosis (all forms)13-2	244	27	19	32	25	16	20	17	16	24	18	11	] ]
Tuberculosis of respiratory system, etc.*	199	21	16	23	19	1.5	15	15	14	20	17	8	. :
Tuberculosis (other forms)14-2	4.5	6	3	j j	6	1	5	2	2	4	1	3	
vohilie	5 3	1 -	í -	- 1	ı	· _	- 1	- 1	-	1	- (	1	ſ
ancer and other malignant tumors45-5	52	6	1	7	4	4	8	4	2	5	3	4	
Cancer of the digestive organs and peritoneum	27	3	1 -	5	3	2	4	1	-	3	5	2	l
Cancer of female genital organs48,4		-	1	2	-	-	2	-	-		-	-	
Cancer of the breast	il žl	i -	]		- 1	1	-	-	-	1	-	-	l
Cancer (other sites)45.47.51-5	i 18	3	-	z	1	1	2	3	2	1	1.	2	l
cute rheumatic fever5	2	1 -	ł <u>-</u>	1 -	- :	1	1	:	-	i - 1	-	l -	l
iabetes mellitus	6	1	_	1		1	_	1	-	1	1	-	l
lcoholism (ethylism)7	15	l î	4	_	l 1	_	-	1	1	1	S	2	l
ntracranial lesions of vascular origin8	1 42	2	2	8	ية ا	3	3	6	2	4	3	1	ĺ
iseases of the heart90-9.	178	16	13	6	13	20	17	12	17	16	18	10	1 :
Chronic rheumatic diseases of the heart90a,92b,c,93a,95	16	1	1	_	1 -	_	4.	_		t - 1	1	} -	ł
Chronic rheumatic diseases of the heart	76	A	4	4	7	5.	5	5	12	6	9	5	ļ
Diseases of coronary arteries and angina pectoris9	۱ ′۰۱	"	I *	[ *						i .		Į.	1
Diseases of the heart (other	96	10	9	2	6	15	8	. 7	5	10	8	l 5	נ ו
forms)90b,91,92a,d,e,93a,b,d,e,95a,		10	1 1	z z	i .	ĩ	-	i :	2	I		1	ļ
rteriosclerosis and high blood pressure*97,10	66	5	9	7	9	5	3	4	5	. 4	3	4	
neumonia (all forms) and influenzal07-109,5	2 20	2	2	lí	l ĭ		1	2	2	1		1	1
Bronchopneumonia	15 11	1 -	2	li	1 1	1	î	1	!		l z	] =	i i
Lobar pneumonia	31	3	3	5	3	4	1	ī	1	5	1.	3	l
Pneumonia (unspecified)3	9 9	j	ž	1 3	5	_	-		S	1 1		i -	l
Influenza	2	-	*	_	-		1	_	ĩ	_	_	_	Ì
lcer of stomach or duodenum1		-	_	Ī	1 [	1		_	2	4		1	Ì
ierrhee, enteritis, etc.*119,12	6	lï		ž	! [	ī	_ :	2	_	] [	l -	l -	1
ppendictis	6	i			1 [		1	:	_	2	-	2	1
ernia and intestinal obstruction12	11	l i	_	3	2	1		_	2	1	-	1	
irrhosis of the liver12	:		_	<u> </u>	"		_		_	-		1	
iliary calculi, etc126,12	ا مٰہ ا	5	2	2	1	1	1	1	2	1	1	1	
ephritis130-13	: 19	) 5		2	l i					1 :	] [	1	ļ
iseases of the prostate13	, [ s [	-		3	1 1	-		1	_	_	ו ו	1 -	
iseases of pregnancy, etc.*140-15	8	-	2		٠ -	_	_	1 1	_	-			}
Puerperal septicemia140,142a,145A,14	3	-	1	1 2	;	-	-	-		1 -	1		ì
Hemorrhage, trauma or shock*141b,142b,143,146,14	4	-	-	_	l +		-		_	l _	ŀ - Ī		
Other puerperal causes14ld,e,f,1458,15	1	] :	1		, -	-	2	_ [	2	2		3	ļ
ongenital malformations	'   10	Į į		1	1 -	8	3	5	3	5	1 2	4	1
iseases peculiar to first year of life158-16	.   61	7	11	5	S	7	2	4	ı	ž	4	2	
Premature birth15	)   41	5	6	3	5					3	. *	2	
Other diseases peculiar to first year of life 158, 160, 16	.   20	2	3	2	[	1	1	1 2	2 2	1	3	1	1
N101da	. 32	2	3	4	6	1	4	3	E		2	1	1
omicide165-16	3 [ 10	1	-	1		1	1		22	23	22	21	١,
cridental destha169-19	236	14	7	43	9	18	19	17		3	3		Ι '
Motor-vehicle accidents17	) 1.5	í -	1	2	1 :	1			2		19	21	ĺ:
Other accidents159,171-19	221	14	6	41	8	17	19	17	20	so			
enility, ill-defined and unknown causes162,199,20	il 85 l	6	8	5	5	15	10	10	4 5	4 3	5 5	8 2	
enility, ill-defined and unknown causes152,199,20	60	1 4	7	1 10	4	6	6	2					

\*Refer to International List for complete title, table IX.

## SUPPLEMENT-ALASKA

## Table 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948 (Exclusive of stillbirths. Causes in the selected list (table 12, Fearto Rice) for which there were no deaths are not shown)

	(Exclusive of stillbirths. Causes in th	e serected	TIBE (E	ante is	, Puert	0 8100)	IOP WE	ich the	re vere	no dea	tna are	HOT BILL	wa.j			
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	-Under 1 year	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-6 <del>4</del>	65-74	75-84	end over	Not stat- .ed
	ALL CAUSES	1,197	145	82 .	22	22	4.8	81	141	108	111	113	153	.124	37	10
*	WhiteMale	555	50	5	=	1	17	38	56	58	68	69	101	79	, 25	8
	Female	116 272	27 46	4 34	2 9	10	1 16	· 15	. 50	10 24	11 19	21 13	13 18	18 12	1 6	1 -
	Female All otherMale	231 18	<b>4</b> 2	39	10 1	10	12 2	20 4	26 2	14 2	12 1	8	19 : 2	13	6 -	ī
	Female	5		-		1	_	2	1				<u> </u>	1	<u>-</u>	<u>"-</u>
9 .	Whooping cough	25	7	1.5	1.	_		<u>-</u> .	_	-	-	_ :	-	-	-	· -
÷	Female	- 9	- 3	- 6	-	-	-	-	-	-	-	· <u>-</u>	-	- <u>-</u>	-	-
	Fomale	14	4	9	1	-	-	-	<u>-</u> .	- :	-	_	_	-	-	-
	All other	-	-	-	-	_	:	=		_	-	-		-	=	
10	Diphtheria	1	_	-	1	-	-	-	-	· _	-	-			_	-
	WhiteFemale	- 1	-		1	_	:	_	-		-	-	-		_	=
	NetiveMale Female		<u> </u>	-	-	_	-	] :	-	-	_		-	_	-	_
	All otherMale	] [	-		=	=	]	=	-	-	=	- ,	-	-	-	-
	Female					1		ļ	-			· _			_	-
13-22	Tuberculosis (all forms)	244 17	10 1	36 -	14 -	10	17	27	52 2	22 1	16	14 4	16 5	10	_	]
	Female NetiveMale	7 110	- 6	3 14	- 7	- 5	9	7	- 31	1.2	- 8	2 5	1 4	1 2	-	_
	Female All otherMale	103	3	1.9	7	4	š	1.0	18	8	7	3	5	3	-	_
	Female	3	_	-		ī	-	s	-	-	-	-	-	-	-	
13	Tuberculosis of respiratory system, etc.*	199	3	17	9	9	16	- 27	47	so	1.6	11	15	9	_	-
	White	15 2	-	1		_	_	-	1 -	1	-	· 4	5 1	4	\ I	_
	Native	94 82	3 -	7 9	6 3	5 4	9 7	7 18	27 18	11 7	8 7	5 2	4	2	_	
	All otherMale	4 2	-	-	-	-	-	- z	1,	i	i	=	ī	-	-	-
	Female					ļ			l	_	_	_	_		-	-
14-22	Tuberculosis (other forms)	45 2	7	19	5	1 -	1 -	_	5 1	2	-	3 .	. 1	1 -	-	-
	Femele Native	5 16	3	2 7	,_		:	-	4	- 1		2 -	-	1	=	-
	Female All otherMale	21	3 -	10	4	_	1	_	_	1		1	1	<u>-</u>	-	_
	Female	ı	-	-	-	1	-	-	-	-	-	-	-	-	-	-
30	Syphilis	3	-	-	-	-	-	-	-	-	1	1	1	-	_	
	WhiteFemale	3 -		-	-	=		] - =	_	-	1 -	1	1 -	-	-	=
	NativeMale Female		_		_	_	<u>-</u> .		<u>-</u>	-	_	-	_	-	_	_
	All other	<u>-</u>	=	<u> </u>	-		:	_	<u> </u>	-		-	-	-	-	
45-55		52		_	_		-		-	2	7	11.	14	15		_
43-33	Cancer and other malignant tumorsMale	33	.=	-	-	_	-	-	-	ī	4	5	10	17.	2	=
	Female	7 2	-	-	-			_	_	-	ī	3	- 5	2 -	-	=
	Yemele	10	_	-	-	-	:	<u> </u>	_	1	2	2 -	2	2	. 1	Ī.
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	Cancer of the digestive organs and peritoneum-J-WhiteMale	27 17	=	-	-	-	_	-	<u> </u>	-	4	7 4	9	6 4	ŀ	-
	Female	4	_	-	_	-	-	-	_	_	-	2	i	1	_	-
	Native	2	_		_	_	-	-	_	-	2	1	ī	1	-	-
	All other		] [		<u>-</u>	-	:	_	_	=	-	_	-	-	· -	
48,49	Cancer of female genital organs	5		_	_	_	l <u>-</u>	_	_	1	_	2	_	1	1	_
,	WaiteFemale	1 4	· -		-	-	-	-	ļ <u>-</u> .	1		2	-	ĩ -	1	-
	All otherFemale		_	-	~. <del>.</del>	-	-	-	-	-	_	-	-	-	-	-
50	Cancer of the breast	2	_	-	_	-	_	-	-	-	-	1	1	-	_	-
	White	-1	_	-	-	-	_	_	_	_	_	i	-	-		
	NativeMale Female	5	-	-	-	:	-	_	-	_	-	-	ī	-	-	<u> </u>
	All other		-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.00						_						7		_		-
45,47. 51-55	Cancer (other sites)	18 16	-	-	-	-	-	-	-	1	3 3	1	3	8 7	1	<u> </u>
	Female Native	1 -	-	-	_	_	-	-	_	=	-		1 -	-	-	:
	Female	1	-	-	_	_ :	-	-	=	_	<u>-</u>	- 1	-	ı	-	_
	·Female-	-	-	-	_	-	-	] -	-	-	-	-	-	•	-	· -
58	Acute rhoumatic fever	2	-	-	-	-	-	-	-	-	ı	-	1	-	-	-
	White	-	-	-	-	-	_	:	-	-	<u>-</u> .		-	-	-	_
	Native	1	-	-	-	-	-	· -	:	-	1	-	1	-	-	_
	All other		-	-	-	-	-	-	-	_	-	-	- 1	-	-	-
	Female		-	- '	-					-	'	- '	- '	- '		-

Refer to International List for complete title, table IX.

Table 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE. AND SEX: ALASKA, 1948—Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

	(Exclusive of stillbirths. Causes in the							LUI WIO	G AGT C	no dea	cos are	not she	own j			
Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Totel deaths	Under 1 year	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45~54	55-64	65-74	75-84	85 and over	Not stat- ed
61	Biabetes mellitus	6	_	_	_	_	_	1	_	-	1	_	ı	2	_	_
	WhiteMale	4	-	-	-	-	-	-	-	-	-	-	, ż	2	[ ]	-
	Female	2 -	_	- 1	_	-	-	1 -			-	_	1	-	-	] -
	Female All otherMale	-	_	_	-	_	_	_	-		-		-	_		]
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	Alcoholism (ethylism)	15	_	_	_	_	_	2	2	2	4	3	2	_	_	-
	White	8	-	-	-	_	-	1		1	3 1	3	-	-	- :	-
	Netive	3	-	-	-	_	_	-	1	1	-	-	1	-	- ;	-
	hemale	2	_	-	-	-	1 -	1 -	1	-	_		1	_	<u>-</u> '	_
	Female	- 1	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-
83	Intracranial lesions of vascular origin	42	-	-	-	-	1	-	1	3	5	5	,13 11	11	3	-
	WhiteFemale	26 J11		_	-	-	1	-	-	2	3	2 2	1	6 4	2 -	_
	Native	1	-	-	-	-	<u>-</u>	-	1 -	_ :	-	1	ī	1	1	_
	Female		- '	-	-	-	-	-	- '	-	-	] [	-	-	-	_
	Female	-		-	-	-	-	-	-	-	-	-	-	-	-	-
90-95	Diseases of the heart	178	-	1	- ,	-	-	2	1	10	30	45	44	37	6	2
	WhiteFemule	132 25	-	-	-	=	-	1 -	1 -	8 2	25 3	33 9	34 5	23 6	5	2
	Netive	12 6	-	1		-	-	1 -		-	1	2	3 2	2	lī	-
	All otherMale	2	-	_	-	-	-	-	-	-	-	ī	<u> </u>	l ı	] -	-
	Female	1	-	-	-	-	-	-	-	-	-	_	-	1	-	-
90a,92b,c, 93c,95b	Chronic rheumatic diseases of the heart	6		-	-	-	-	-	-	1	_	2	1	5 5	-	-
JUL , 20D	Female	2	-	-	- 1	-	-	-	-	-	-	1	1	-	-	j -
	NetiveFemale		] -	-	- 1	-	-	-	-	-	-	-	_	-	_	_
	All other	<u>-</u>	_	_	<u>-</u>	-	- 1	_	-	-	_		-	-	_	-
								ĺ						,,		
94	Diseases of coronary arteries, angina pectoris	76 59	_	-	-	_	_	1 1	-	8 6	20 17	23 18	13 12	10 5	1 -	_
	Female	12 2	-	<u>-</u>	-	-	-	_	-	2	2	1	1 -	3	_	] :
	Female	2	-	-	-	-	-	-	- 1	-	1	-	-	-	ı	-
	All other	1	_	_	-	_	-	-	-	_	-	-		ī	-	-
906,91,	Diseases of the heart (other forms)	96	-	1	_	_	_	1	1	1	1.0	20	30	25	5	2
92a,d,e,	WhiteMale	69	-	-	-	_	-	-	1	1	8	14	22	1.6	5	2
93a,b,d,e, 95a,c	Female NativeMale	11 10		1	-	-		ī	-	_	1	1 1	3	3 3	_	] [
•	Femele All otherMale	4 2	_	-		-	-	-	-	-	-	ī	2 -	2		-
	Female	-	_	-	-	-	-	-	-	_	-	-	-	-	-	-
97,102	Arteriosclerosis and high blood pressure*	8		-	-	_	_	-	-	_	_	_	3	4	ı	-
ŕ	White	5 3		-		-	-	_	-	_		-	1 2	3 1	1	_
	NativeMale	-	-	-	- 1	-	-	-	- '	-	-	-	-	=	-	-
	Female	-			-	_	_	_		-	-	_	_	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107-109,33		66	ss	7		2	1	-	2	5	2	5	7	10	3	-
	WhiteMale	21 5	1 5	_		-	-	-	1 -	4	1 -	1	3	8 -	2 -	] ]
	Native	23	6	4	-	-	1	-	1	1	1	2	3	1	1	-
	Female All otherMale	17	B -	3 -	-	2	_	_	_	_	-	2 -	1 -	-	-	] ]
	Female	-	-	-	-	-	-	-	-	-	-	-	] <i>-</i>	-	-	-
107	Bronchopneumonia	15	7	1	-	~	-	-	-	2	-	1	-	2	2	-
	White	7 3	1 3	-	-	-	-	-	-	2	-	_		2 -	2	-
	NativeMale	2 3	2	ī	-	-	_	<u> </u>	_	-	-	ī	-	-	-	:
				-	_	-	-	-	-	-	-	=	-	-	-	-
	All otherMale	-	-						- 1	-	-	-	-	· -	1 -	] -
		-	-	-	-	-	_		i		l		i		1	
108	All otherMale	- - 11 5	1		-	-	ı	-	-	1	1	-	2	2 2	1	-
108	All other	5 2	2 - 2	- 1 -		-	1 - -	_ :	=	1	1 -	-	1 -	2 -	_	- -
108	All other	5	2 -	- 1 -	-		1	-	-	1	1	-	1	2		- - - -
108	All other	5 2	- 2 2 - -	- 1 - 1		-	1	=	-	1 - -	1 - -	=	1 - 1	2	- - 1	-
	All other	5 2 4 - -	2 - 2	- 1 - 1		-	1	-	-		- - -	-	1 -	2 -	- - 1	- - - -
109	All other	5 2 4 -	- 2 2 - -	- 1 - 1		-	1	-	-	1 - - -	1 - -	- - - -	1 - 1	2	- - 1	- - - - - -
	All other	5 2 4 - - - 31 3	2 - 2 - - - - 13	- 1 1 - - - -		-	1	-	2	2	1	- - - - - 4 1	1	2 2	1	-
	All other	5 2 4 - - - 31 3	2 2 2 - - - 13 - - 6 7	1 - 1 - 2 2 2		2	1 - 1	-	2 1	2 1	1	- - - - - - 1	1	2 1 1	1	-
	All other	5 2 4 - - - 31 3 -	2 - 2 - - - - 13	1 - 1 - 2		2	1	-	2	2 1	1 1 - 1	- - - - - - 1	1	2 2 - 1	1	-
109	All other	5 2 4 - - 31 3 - 15 13	2 - 2	1		2	1	-	2 1	2 1 1	1	4 1 2 1 1 - 2	1 - 1 - 1	2	1	-
	All other	5 2 4 - - - 31 3 - 15 13 - - - 9 6	2 - 2 - - - - - - - - - - - - - - - - -	1 - 1 - 2 2 2 - 1 - 1		2	1	-	2 1	2 1 1	1	4 1 2 1	1	2 1 1	1	-
109	All other	5 2 4 - - - 31 3 15 13 - -	2 - 2 13 6 7	1		2	1	-	2 1	2 1	1	4 1 2 1	1	2	1	
109	All other	5 2 4 - - 31 3 - 15 13 - -	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 2 2 2		2 - 2	1	-	2 1 1	2 1 1	1	4 1 - 2 1 1	1	2	1	

\*Refer to International List for complete title, table IX.

### SUPPLEMENT-ALASKA

Table 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948—Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Parto Rico) for which there were no deaths are not shown)

	(Exclusive of stillbirths. Causes in th	e selected	Tist (t	PDIO 12	, Puert	O RICO)	IOT WI	ich the	re were	no dea	ans are	not su	OWAL)	1		
Int. List No.	CAUSIE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	Not otat- ed
117	Ulcer of stonach or duodenum	2	-		-	-	-	-	-	-	2	-	-	-	-	,
•	White	1	-				<u>-</u>	-	_	-	1.		-	-	-	_
	Kative	1	-	-	-	:	:	_ :	-	_	1	· :	-	-	-	-
	All otherMale	- [	-	-	;	-	-	-	-	-	-	-	-	-	-	-
	Female	( - <u> </u>	-	-	-	-	-	-	-	-		-		-	"	
119,120	Diarrhea, enteritis, etc.	B	4	3	1		-	-	-	-	-	-	1	<u> </u>	_ [	_
	Female	! - I	l -	-	-	-	-	-	-	-	-	-	•	-	-	-
	Netivo	3 5	3	1 2	1 -	_	-		-	-	-	-			_ [	-
	All otherMale	l <u>:</u>	<u>-</u>	-	_ :	-		-		:	-	_	-	:		_
	Į		[	- :										l _		
121	Appendicitis	6 4	_	] [	_	2	-	1	-	-	1	1	-	1	] =	-
	Female	<u>-</u>		_	]	-	-		-	-	-	-	] :			_
	Female	2	-	-	l :	2	-	-	-	-	-	_		_	-	, <u> </u>
	All other	-		, -	-	-	-	-	-	-		-	-	\ · -	-	_
1,22	Hernia and intestinal obstruction	6	_	5		_	_	_	_	-	1	_	2	_	-	-
,	WhiteMale	2	-	1	-	· -	-		-	=	-	-	1	-	-	_
	Fenale	ā	\	2	) <u>-</u>	<b> </b> -	-	] -	-	-	- 1	-	=	-	-	_
	Female	2 -	:	:	=	:	]	] =	_	-	1	_	1 -	:	[	_ =
	Female	-	-	-	-	-	-	-	-	-		-	-	-	-	-
124	Cirrhosis of the liver	12	-	-	-	-	-	-	1	2	4	į	3	-	-	-
	White	7	:	-	:	] -	:	:	_	1 -	2 1	1	3 -	-	:	_ =
	NativeKale	2 2	<u> </u>	l :	<u> </u>	-	<u> </u>	-	1	1	1	-	:	-	-	_
	All otherMale	-	-	-	-	-	-	-	=	-	- 3	-	-	-	-	-
	Female	-	-	_	-	-	-	-	_	_	-	-	-	- <del>-</del>	•	-
126,127	Biliary calculi, etc.*	1 1	. <u>-</u>	_	:	_	_	-	-	]	1	_	-		-	-
	Female	] -	-	-	<u>-</u>	<u> </u>	-	<u> </u>	-	-	<u>-</u>	] [	<u> </u>	-	-	· -
	KativeKale Female	] [	-	]	-	] [	=	-	_	-	_	-	] [	· -	-	<u>-</u>
	All other	<u>-</u> \	-	-	_	-	Ξ	-	-	]	-	]	]	_	[ ]	
130-132	Mephritis	19	<u> </u>	_	_	_	١,	١.	1	3	5	2	3	4		_
130-136	White	12	_	-	-	-	ī	-	=	2	2	1	3	3	-	-
	Female	5 2	-	-	_	_	-	-	ī	1 -	2	1 -	-	1 -	- 1	-
	Female	-	-	_	-	-	_	:		:	:	<u> </u>	:	· :	] [	_
	Female-		-	-		-	-	-	-	-	-	-	-	] =	· -	-
137	Diseases of the prostate	2	- 1	-	-	- (	<b>-</b>	) -	-	-	-	-	1	.1	] -	-
	White	2	]	-	-	_ :	_	-		_	:	-	1	1	-	. :
	All other	[ -[	-	-	-	-	-	-	-	-	-	-	-	,-	-	
140-150	Diseases of pregnancy, etc.	8	-	-	-	-	-	2	5	3	-	-	-	-	-	-
	White	7	-	_				1	5	3	:	] _	-	_		
	All otherFomale	t -l	-	-	-	<b>-</b> .	-	-	-	-	-	-	-	-	-	-
140,142a, 145A,147	Puerporal sopticenta	3	<u> </u>			-	· -	2	1	_	_	_		_	_	· =
<b>,.</b>	NativeFoucle-	2	- 1-	_	<u> </u>	· -	i :	1	1	_		-	-	-	-	_
141b,142b,	Henorrhage, trauma or shock*	4	-	_	_	· _	٠.	_ ا	2	2	_	- ا	-	_	_	
143,146,	WhiteFomele-	-	-	-	-	-	-	-	2	2	-	-	-	_	-	_
149	All otherFemale-		=	-	_	-	] [	-	-	-	Ξ.	-	=	=	-	=
141d,e,f,	Other puerperal cousesFemale-	1	-	1 -	-	-	1 -	-	-	1	-	) <u>:</u>	-	]	- 1	i -
1458,150	Netive			-	_	], [	=	_	]	i	<u>'</u>	-	-	-	-	-
	· All otherFemale	-	-		· · -	-	-	<b>-</b> .	-	_	-	-	-	-	-	-
157	Congenital malformations	10	B 4	1	1	l :	] :	_	:	· :	] <u>-</u>	] :	] =	] :	] <u>-</u>	1 :
	Female	3	2	ī	-	-	]. =	_	-	-	_	-	-	-	- 1	-
	Mative	2	2 -	:	_	:	[ ]	_	-	_		ļ <u>, -</u>	:	_	_	
	All other	<u> </u>	:	]	1	] :	ì :	<u> </u>	:	-	-	<u> </u>	] [	1 :	] <u>-</u>	:
	•		ł	آ ا			_	]	اً	] . ,					ŀ	_
158-161	Diseases peculiar to first year of life	61 21	61 21	:::		•••	. :::		:::		***	***			***	:::
	Femalo	15 13	15 13	ŀ :::				·		:::				:::	:::	
	Female	12	12		:::	• • • • • • • • • • • • • • • • • • • •										
	All otherMale	[ -[	[ -	• •••		:::	:::	:::				:::				
159	Premature birth	این ا	41				<b></b>		l						<b> </b>	<b></b>
	,WhiteMalo	17	1.7						•••							
	Female	11 6	11. 6 7		:::	***	:::	:::		:::	:::		:::		:::	:::
	Femnle All otherMale	7	7		***		:::		•••	:::	•••		***		: <u>::</u> :	:::
	Female-	I -I	l -										1	٠		;

Refer to International List for complete title, table IX.

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948—Continued (Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Under 1 year	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 and over	Not stat- ed
158,160, 161	Diseases peculiar to first year of life-Continued Other diseases peculiar to first year of life	20 4 4	20 4 4												:::	
	Native	7 5	7 5								•••	•••	•••	•••		
	Female	- 32	-						9	4			•···			···
163,164	Suicide	34 4 3	-	=	-	-	4	2	3 3 2	3 1	5	î	3	ž	=	i
	NativeMale Female All other Female	- - 1	-	-	-	-	=	=	-	= =	-	-	-	-	- - -	-
165-168	HomicideMale	10	-	<u> </u>	-	-	1	1	3 2	2	-	5 5	1		- -	-
	Female	2		- -	=	=	1	-	ī -	-	- -	-	-	-	-	_
	All other	1 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169-195	Accidental deathsMalo WhiteMalo Fenale	236 163 13	6 - 3	7 4	3 - 1	B 1 -	19 11	43 32 -	57 44 2	39 28 4	18 13 1	12 10	9 -	4	6 4 -	5 3 1
	NativeMale Fenale All other	40 13 7	1 2 -	1 -	2	5 2 -	3 2	4	10	-	3 1 -	1 - -	-	-	1	1
170	Motor-vehicle accidents	15 11	-	1 1	=	-	5 2	3 3 -	1	2 1	1 1	-	1 1 -	1 1 -		-
	Netive	2 1 1	, <u>-</u>	-	-	-	1 1	-	-	- - -	-	- - -	-	-	-	
169, 171-195	Other eccidents	221 152 13	6 - 3	6 3	3	8	14 9	40 29	56 43 2	37 27 4	17 12 1	12 10 1	8	3 3 -	6 4 -	5 3 1
	Native	38 12 6	2	1 -	2	. 5 2 -	2 1 -	7 - 4 -	10	6	3 1 -	1 - -	-	-	1	1
162,199, 200	Semility, ill-defined and unknown causes	85 35 5	14 1 1	4	- -	-	1 -	-	1	2 -	6 5 -	5 2 1	17 7 -	21 10 3	12 7 -	2 2
	NativeMale Female All otherFemale Female	22 22 1	6	3 5	- - -	-	1 - -	-	-	1 -	- -	1	6 4 -	5 -	3 -	-
	All other causes	60 23	13	5	1	-	2	-	8 2	8 5	3 3	5 2	10	2	3 2	
	Fenale NativeMale Fenale	7 16 13	1 6 4	2 5	i "	-	1	-	1 2 2	1 1	=	1	1 2 -	i	1 -	
	All other	-	-	] -	_	-	-	-	-	] =	] [	=	-	-	-	

## Table 16.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Fuerto Rico) for which there were no deaths are not shown)

			Deaths		TYPE O	F SERVICE	
CAUSE OF DEATE	Total deaths	Deaths not in insti- tutions	in insti- tutions <sup>1</sup>	General hospitals	Tuberculosis hospitals	Other nonresi- dent hospitals and institutions	Resident institutions
AIL CAUSES	1,197	696	501	419	22	3	41
Whooping cough         9           Diphtheria         10           Tuberculosis (all forms)         -13-22           Tuberculosis (other forms)         -14-22	23 1 244 199 45	23 - 149 129 20	1 95 70 25	1 62 40 22	20 19	- 1 - 1	333
Syphilis	3 52 27 5 2 18	2 10 4 1 1	1 42 23 4 1 14	1 33 18 4 1 10	=	-	 8 5 - 3
Acute rheumatic fever	2 6 15 42	2 1 11 10	5. 4 32	4 4 28		- - - -	
Diseases of the heart	178 6 76 96	97 1 49 47	81 5 27 49	75 5 27 43	- - -	1 - 1	5 - - 5
Arteriosclerosis and high blood pressure* -97,102 Pneumonia (sl.1 forms) and influenza -107-109,33 Bronchopneumonia -107 Löber pneumonia -108 Pneumonia (unspecified) -109 Influenza -33	8 66 15 11 31 9	4 35 4 4 24 4	4 30 11 7 7 5	3 23. 9 7 7	- - - -	, 1	1 7 2 - - 5
Ther of stomach or duodenum	2 8 6 6	1 6 2 -	1 2 4 6	1 1 4 5	=		-
Cirrhosis of the liver	11 1 19 2	3 - 4 1	8 1 15 1	8 1 13 1	- -	- - -	- 2 -
Diseases of pregnancy, etc.*	8 3 4 1	2	6 3 2 1	5 2 2 1	-	-	- - -
Congenital malformations — — — — — — — — — — — — — — — — — — —	10 61 41 20	2 20 11 9	8 41 30 11	7 40 29 11	1 -	5	-
Suicide	10 3S	27 7	5 3	5 3	=	= =	=
Accidental deaths	256 15 221	173 9 164	63 6 57	59 6 53	=		2 - 2
Senility, ill-defined and unknown causes	85 60	74 29	11 51.	5 27	ī	- 1	6 2

<sup>\*</sup>Refer to International List for complete title, table IX. Includes deaths occurring in institutions of unknown type.

Table 17.- DEATHS FROM SELECTED CAUSES: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total deaths	First Judicial Division	Second Judicial Division	Third Judicial Division	Fourth Judicial Division	CAUSE OF DRAFF	Total deaths	First Judicial Division		Third Judicial Division	Fourth Judicial Division
ALL CAUSES	1,197	323	186	363	305	Diarrhea, enteritis, etc.*119,120 Nephritis130-132	8 19	- 6	6 1	- 6	2 6
Whooping cough9 Diphtheria10		-	1 -	1 -	21 1	Diseases of pregnancy, etc.*140-150	8	-	2	5	1
Tuberculosis (all forms)13-22 Syphilis30	244	49	61	46	88 2	Congenital malformations157 Premature birth159	10 41	1 8	2	7 23	- 6
Cancer and other malignant	52	27	,	12	10	Other diseases peculiar to first year of life159,160,161	20	7	4	7	2
Acute rheumatic fever58	2		ĭ	1	-	Suicide	32 10	9	1	16	6
Diabetes mellitus61 Intracranial lesions of	6	•	-	.		Motor-vehicle accidents170	15		1	10 114	40
vascular origin83 Diseases of the heart90-95	42 178		10	14 57	30		221	43	24		
Pneumonia (all forms) and influenza107-109,33	66.	13	21	10	ss	unknown causes162,199,200	85 111	19 32	21 23	15 33	30 23
		1						1,		<i></i>	

<sup>\*</sup>Refer to International List for complete title, table  ${\bf IX}$ .

Table 18.- DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 16, Fuerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total deaths under l year	Under 1 day	l dey	2 days	3+6 days	7-13 days	14-20 days	21-29 days	Under 1 honth	l no.	2 110.	3 mo.	4 110.	5 mo.	6 mo.	7 mo.	8 120.	9 no.	10 mo.	11 mo
ALL CAUSES	145	33	7	8	4	13	7	5	77	12	9	8	6	1	4	4	7	5	7	5
Whooping cough	7 10 3 7 3 2 22 22 7 2 13 7 4				1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 2 2	2 2 1	55 1	1 3 2 1 1	1 5 2 - 3	1 - 1 - 1 - 1 - 1	2 1 - 1 2 - 2 2	1 1 1 1 1 1 1 1 1 1 1 1	1 2 - 2 1	1 - 1	1 1 - 3 2 1 - 1	1 1 - 1 1	2 2 - 2 - 1 1 1	2 2 - 1 1 1 1 1
Congenital malformations	61 641 59 44 55 3	2 30 27 2 1 1 - 1	7 5 1 1	1 7 5 1 1	1 1 2	2612 512 - 3	211111111111111111111111111111111111111	2 1 - 1 -	6 \$5 4 40 4 7 4 3 1 - 1 5	1 5 1 1 1 2 2 2	1 1 2	1 1 - 4			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1	1 - - - 2 1 1		1

\*Refer to International List for complete title, table IX.

Table 19. INFANT MORTALITY RATES FOR SELECTED CAUSES: ALASKA, 1946-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

2250 (40000				man water and an account of the same and an account of the same and account of the same account of the same and account of the same account of the sam			
CAUSE OF DEATH	1948	1947	1946	CAUSE OF DEATH	1948	1947	1946
ALL CAUSES	47.1	63.7	70.9	Other diseases of respiratory system104-106,110-114 Diarrhea, enteritis, etc.*119	2.3 1.5	0.4	1.3
				Intestinal obstruction1225	1.0	2.0	1.8
Whooping cough9	2.3	0	0.4	Other diseases of digestive system115,116,119,121,123-129	0.3	0.7	1.3
Diphtheria (infection by C. diphtheriae)10	0	Ιō	0.4				Ī
Tuberculosis (all forms)13-22	3.2	4.8	8.8	Congenital malformations157	2.6	3.0	1.8
Tuberculosis of the respiratory system, etc. *13	1.0	1.9	3.1				i
Tuberculosis of the meninges, etc. *14	2.3	2.2	4.8	Diseases peculiar to first year of life158-161	19.8	21.5	20.3
Tuberculosis (other forms)15-22	0	0.7	0.9	Congenital debility158	1.9	4.4	2.5
Dysentery27	0	1.9	ا ه	Premature birth159	13.5	12.6	12.8
Syphilis30	Ö	1.5	ا ة	Injury at birth160	1.6	1.5	5.6
Messles35	ñ	ň	1.3				
Diseases of the thymus gland64	ñ	0.4	0.4	Other diseases peculiar to first year of life161		3.0	2.2
Meningitis (not due to meningococcus)81	1.0	0.7	0.4	Asphyxia (cause not specified), stelectasis161a	1.5	1.9	1.5 0.9
Convulsions86	0.6	0.4	2.2	Infection of the umbilious, etc.*	T*0	1.1	0.9
Diseases of the ear and mastoid process89	Ö	0	0.4	Accidental deaths169-195	1.9	3.3	3.1
		l	i	Accidental deaths	1.0	1.1	2.2
Pneumonia (all forms) and influenza107-109,33	7.1	13.7	17.6	Accidental mechanical suffocation182			0.9
Bronchopneumonia, etc.*107	2.3	4.8	5.3	Other accidental deaths169-181,183-195	1.0	2.2	0.9
Lobar pneumonia108	0.6	0	0.4	700 000	4 5	6.7	6.6
Pneumonia (unspecified)109	4.2	7.0	9.2	Ill-defined and unknown causes199,200	4.5		
Influenza33	O.	1.9	2.6	All other causes	0	1.5	0.4