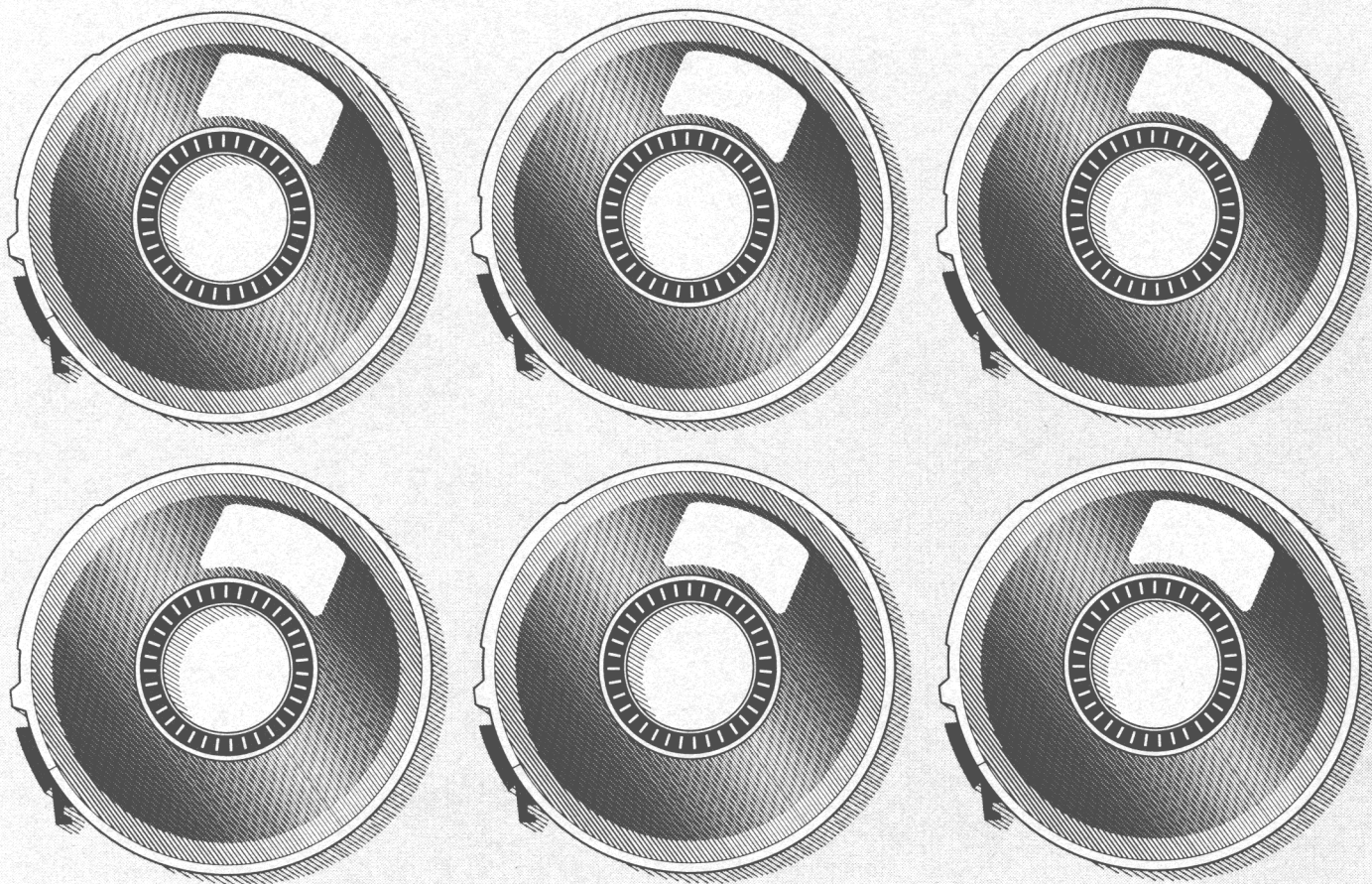
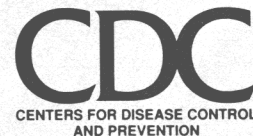

Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1990 Data

From the CENTERS FOR DISEASE CONTROL AND PREVENTION/National Center for Health Statistics

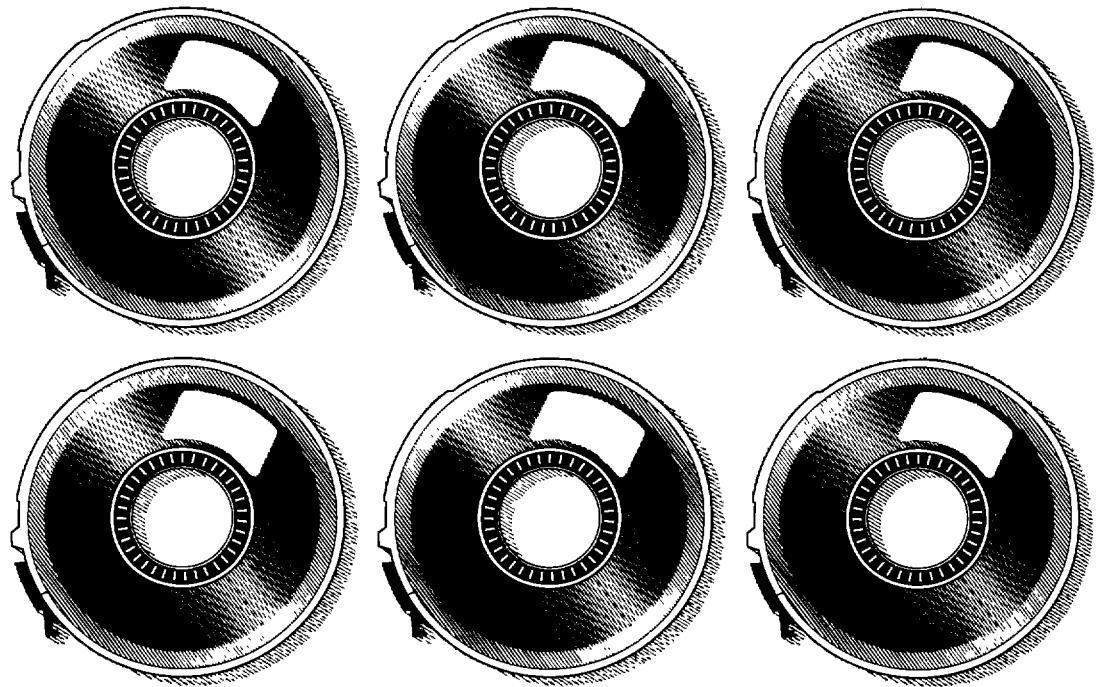


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for Health Statistics



Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1990 Data



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
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National Center for Health Statistics

Hyattsville, Maryland
March 1993

This tape documentation was prepared in the Division of Vital Statistics. Charles Royer of the Systems and Programming Branch was responsible for developing the mortality documentation. He and Adrienne McDonald of the Technical Services Branch were responsible for providing all computer programming services necessary to keep it up-to-date. Bettie L. Hudson of the Mortality Statistics Branch prepared the Technical Appendix. The Registration Methods Branch and the Technical Services Branch provided consultation to State vital statistics offices regarding collection of death certificate data.

Questions concerning the documentation or general questions concerning the mortality file should be directed to the Systems and Programming Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-436-8900).

Questions concerning the Technical Appendix or substantive questions concerning the mortality data should be directed to the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-436-8884).

HIV DEATHS IN GEORGIA

Public-use data tapes

The following geographic codes will be used instead of the standard codes for deaths with mention of HIV infection that occurred in Georgia for counties that meet the given criteria.

Place of Occurrence

For deaths that occurred in Georgia (to both residents and nonresidents of Georgia), the following place of occurrence geographic codes will be used when the number of records for a given county of occurrence, with mention of HIV infection (codes *042-*044 or *795.8 in the underlying cause, or entity- or record-axis multiple cause fields) totals three or fewer.

Place of Occurrence

County	999
FIPS County	999

Place of Residence

For deaths that occurred in Georgia to residents of Georgia, the following place of residence geographic codes will be used when the number of records for a given county of residence (for deaths that occurred in Georgia), with mention of HIV infection (codes *042-*044 or *795.8 in the underlying, entity- or record-axis multiple cause fields) totals three or fewer.

Place of Residence

County	999
City	999
Population Size	9
Met/Nonmet County	9
SMSA	999
FIPS County	999
FIPS SMSA	9999

These changes will affect deaths from HIV infection and may affect deaths from other causes of death by county, city, and SMSA of residence and by county of occurrence for Georgia.

Specifically, the effect of these changes are as follows: no deaths from HIV infection by county of occurrence will be shown for counties in Georgia with three or fewer deaths with mention of HIV infection. Also, no deaths from HIV infection that occurred in Georgia to residents of Georgia for counties that meet the above criteria will be shown by place of residence. If three or fewer deaths from HIV infection are shown to residents in a county of Georgia, then those deaths are for events occurring in other States.

These exceptions to the usual geographic code assignments by place of residence and by place of occurrence are made at the request of the Georgia Department of Human Resources, Division of Public Health.

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SYMBOLS USED IN TABLES

Symbol	Explanation
---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
*	Figure does not meet standards of reliability or precision

Documentation of the Multiple Cause-of-Death Public-Use File for 1990 Data

I. Introduction

Data on causes of death are released by NCHS in a variety of ways including published reports, special tabulations to answer data requests, and public-use data tapes. Since the inception of the multiple cause-of-death program in 1968, a public-use tape file has been released for each data year. Each file contains a data record for all deaths processed by NCHS. Each data record contains underlying cause, multiple cause, and demographic data for a death.

With the exception of calendar years 1972, 1981 and 1982, all deaths occurring annually in the United States are processed. In 1972, underlying and multiple cause data were coded and processed for only 50 percent of the deaths occurring in each State. In 1981 and 1982, multiple cause data were coded on a 50 percent sample basis for deaths occurring in 19 registration areas. The registration areas are the 50 States, New York City and the District of Columbia. The 50 percent sample States are identified in the documentation of the 1981 and 1982 files. For the remaining 33 registration areas, multiple cause data were processed on a 100 percent basis. In 1981 and 1982, underlying cause, demographic, and geographic data were processed for every death occurring in every State; however the multiple cause-of-death public-use tape contains only those records where the multiple cause field is also coded. A public-use tape containing underlying cause, demographic, and geographic data for every death in the United States is available but contains no multiple cause data.

This document is intended to provide guidance to the consumer in accessing and utilizing the multiple cause-of-death public-use tape file for 1990. It provides the technical data processing information necessary to access the tapes and the classification structure and coding rules applied to create each variable on the file such that the user can readily assess relevance at varying levels of detail to his/her own particular research. Additionally, it conveys the characteristics of the multiple cause files sufficient to guide the user in analyzing and interpreting multiple cause data. The user is alerted to certain pitfalls of interpretation; and the appropriateness of each type of multiple cause data to given applications is discussed. Control totals are also provided for comparison with user generated counts for 1990 data.

A revised U.S. Standard Certificate of Death was recommended for State use beginning on January 1, 1989. Among the changes were the addition of a new item on educational attainment and changes to improve the medical certification of cause of death. In addition, for the first time, the U.S. Standard Certificate of Death includes a question on the Hispanic origin of the decedent. Previously a number of States had included an Hispanic-origin identifier on their certificates. A change was also made in the format of the item to obtain information on type of place of death from an open-ended question to a checkbox.

The Office of Management and Budget revised its designation of metropolitan statistical areas based on figures from the 1990 Census. A new listing of 320 Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs) is included in this documentation. There are also 20 Consolidated Metropolitan Statistical Areas (CMSAs) which are made up of PMSAs. Other geographic changes based on the 1990 Census will be implemented later.

NCHS has adopted a new policy on release of vital statistics unit record data files. This new policy was implemented for the 1989 vital event files to prevent the inadvertent disclosure of individuals and institutions. As a result, the files for 1989 and later years do not contain the actual day of the death or the date of birth of the decedent. The geographic detail is also restricted; only counties and cities of 100,000 or more population based on the 1980 Census, as well as metropolitan areas of 100,000 or more population based on the 1990 Census are identified.

II. Data File Characteristics

Each record on the annual tape file contains two multiple cause-of-death fields which have been coded using ICD-9. In addition, underlying cause, demographic, and geographic detail data accompany the multiple cause-of-death data. The tape file contains the complete level of detail coded by NCHS except where precluded by confidentiality restrictions or lack of data reliability.

Specifications for the 1990 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,151,890
Record Length:	440
Blocksize:	26400
Data Counts:	a. By occurrence: 2,151,890
	b. By residence: 2,148,463
	c. To foreign residents: 3,427

1. The data were processed using the PL/1 language on an IBM 3081.
2. The last block for the data year may be a short block.
3. The data are recorded in IBM/EBCDIC 8-bit code for each character.
4. Codes may be numeric, alphabetic, or blank (Hex 40).
5. A code "Z" is the EBCDIC code for the letter "Z".
6. A code "&" is the EBCDIC code for an ampersand (a punched card code 12).

III. Tape Format and Variable Definition

The attached record layout provides documentation of variables, variable categories, and variable location on the multiple cause-of-death public-use tapes. It is noted that the following material, while used in the processing of mortality data, is not included in this package:

- A. Manual of the International Statistical Classification of Diseases, Injuries, and the Cause-of-Death, Ninth Revision (ICD-9) Volumes 1 and 2.
- B. NCHS Instruction Manual Data Preparation Part 2a, Vital Statistics Instructions for Classifying the Underlying Cause-of-Death, 1990.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1990.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1990.
- E. NCHS Instruction Manual Data Preparation, Part 2d, Vital Statistics NCHS Procedures for Mortality Medical Data System File Preparation and Maintenance, Effective 1979.
- F. NCHS Instruction Manual Data Tabulation, Part 2f, Vital Statistics ICD-9 TRANSAX Disease Reference Tables for Classifying Multiple Causes-of-Death, 1982-90.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1990.
- H. NCHS Instruction Manual Tabulation, Part 11, Vital Statistics Computer Edits for Mortality Data, Effective 1990.

These documents describe in detail the rules employed for demographic and medical classification on death records. Volumes 1 and 2 of the ICD-9 may be purchased from WHO Publication Center USA, 49 Sheridan Avenue, Albany, New York, 12210. The remaining documents (Items B-H), while not absolutely essential to the proper interpretation of the data for a number of general applications, should nevertheless be studied carefully prior to any detailed analysis of demographic or medical data variables. In particular, there are a number of exceptions to the ICD rules in multiple cause-of-death coding which, if not treated properly, may result in faulty analysis of the data.

Users who do not already have access to these documents may request them from the Chief, Data Preparation Branch, Division of Data Processing, National Center for Health Statistics, P.O.Box 12214, Research Triangle Park, North Carolina 27709.

In addition, the user should refer to the Technical Appendices of the Vital Statistics of the United States for information on the source of data, coding procedures, quality of the data, etc. Technical Appendix information is enclosed.

IV. Multiple Cause Data

The original scheme for coding conditions contained on the death certificate was designed with two objectives in mind. First, to facilitate etiological studies of the relationships among conditions, it was necessary to reflect accurately in coded form each condition and its location on the certification in the exact manner given by the certifier. Secondly, the codification needed to be carried out in a manner by which the underlying cause-of-death could be assigned through computer applications. The approach was to suspend the linkage provisions of the ICD for the purpose of condition coding and code each entity with minimum regard to other conditions present on the certification. This general approach is hereafter called entity coding.

Unfortunately, the set of multiple cause codes produced by entity coding is not conducive to a third objective -- the generation of person based multiple cause statistics. Person based analysis requires that each condition be coded within the context of every other condition on the same certificate and modified or linked to such conditions as provided by ICD-9. By definition, the entity data cannot meet this requirement since the linkage provisions distort the character and placement of the information originally recorded by the certifying physician.

Since the two objectives are incompatible, DVS has chosen to create from the original set of entity codes a new code set called record axis multiple cause data. Essentially, the axis of classification has been converted from a entity basis to a record (or person) basis. The record axis codes are assigned in terms of the set of codes that best describe the overall medical certification portion of the death certificate.

This translation is accomplished by a computer system called TRANSAX (TRANSLATION OF AXIS) through selective use of traditional linkage and modification rules for mortality coding. Underlying cause linkages which simply prefer one code over another for purposes of underlying cause selection are not included. Each entity code on the record is examined and modified or deleted as necessary to create a set of codes which are free of contradictions and are the most precise within the constraints of ICD-9 and medical information on the record. Repetitive codes are deleted. The process may (1) combine two entity axis categories together to a new category thereby eliminating a contradiction or standardizing the data; or (2) eliminate one category in favor of another to promote specificity of the data or resolve contradictions. The following examples from ICD-9 illustrate the effect of this translation:

Case 1: When reported on the same record as separate entities, cirrhosis of liver and alcoholism are coded to 5715 (cirrhosis of liver without mention of alcohol) and 303 (alcohol dependence syndrome). Tabulation of records with 5715 would on the surface falsely imply that such records had no mention of alcohol. A preferable codification would be 5712 (alcoholic cirrhosis of liver) in lieu of both 5715 and 303.

Case 2: If "gastric ulcer" and "bleeding gastric ulcer" are reported on a record they are coded to 5319 (gastric ulcer, unspecified as acute or chronic, without mention of hemorrhage or perforation) and 5314 (gastric ulcer, chronic or unspecified, with hemorrhage). A more concise codification would be to code 5314 only since the 5314 shows both the gastric ulcer and the bleeding.

A. Entity Axis Codes

The original conditions coded for selection of the underlying cause-of-death are reformatted and edited prior to creating the public-use tape. The following paragraphs describe the format and application of entity axis data.

FORMAT: Each entity-axis code is displayed as an overall seven byte code with subcomponents as follows:

1. Line indicator: The first byte represents the line of the certificate on which the code appears. Six lines (1-6) are allowable with the fourth and fifth denoting one or two written in "due to"s beyond the three lines provided in Part I of the U.S. standard death certificate. Line "6" represents Part II of the certificate.

2. Position indicator: The next byte indicates the position of the code on the line, i.e., it is the first (1), second (2), third (3),... eighth (8) code on the line.
3. Cause category: The next four bytes represent the ICD-9 cause code.
4. Nature of injury flag: ICD-9 uses the same series of numbers (800-999) to indicate nature of injury (N codes) and external cause codes (E codes). This flag distinguishes between the two with a one (1) representing nature of injury codes and a zero (0) representing all other cause codes.

A maximum of 20 of these seven byte codes are captured on a record for multiple cause purposes. This may consist of a maximum of 8 codes on any given line with up to 20 codes distributed across three or more lines depending on where the subject conditions are located on the certificate. Codes may be omitted from one or more lines, e.g., line 1 with one or more codes, line 2 with no codes, line 3 with one or more codes.

In writing out these codes, they are ordered as follows: line 1 first code, line 1 second code, etc. ----- line 2 first code, line 2 second code, etc. ----- line 3 ----- line 4 ----- line 5 ----- line 6. Any space remaining in the field is left blank. The specifics of locations are contained in the record layout given later in this document.

EDIT: The original conditions are edited to remove invalid codes, reverify the coding of certain rare causes of death, and assure age/cause and sex/cause compatibility. Detailed information relating to the edit criteria and the sets of cause codes which are valid to underlying cause coding and multiple cause coding are provided in Part 11 of the NCHS Vital Statistics Instruction Manual Series. Table 2, Number of Resident Deaths Tabulated by Mention of an Underlying Cause, Record Axis Multiple Cause, or Entity Axis Multiple Cause-of-Death by ICD-9 Category, provides a summary list of valid underlying cause and multiple cause codes.

ENTITY AXIS APPLICATIONS: The entity axis multiple cause data set is appropriate to analyses which require that each condition be coded as a stand alone entity without linkage to other conditions and/or require information on the placement of such conditions in the certificate. Within this framework, the entity data are appropriate to the examination of etiological relationships among conditions, accuracy of certification reporting, and the validity of traditional assumptions in underlying cause selection. Additionally, the entity data provide in certain categories a more detailed code assignment which is linked out in the creation of record axis data. Where such detail is needed for a study, the user should selectively employ entity data. Finally, the researcher may not wish to be bound by the assumptions used in the axis translation process preferring rather to investigate hypotheses of his own predilection.

By definition, the main limitation of entity axis data is that an entity code does not necessarily reflect the best code for a condition when considered within the context of the medical certification as a whole. As a result certain entity codes can be misleading or even contradict other codes in the record. For example, category 5750 is titled "Acute cholecystitis without mention of calculus". Within the framework of entity codes this is interpreted to mean that the codable entity itself contained no mention of calculus rather than that calculus was not mentioned anywhere on the record. Tabulation of records with a "5750" as a count of persons having acute cholecystitis without mention of calculus would therefore be erroneous. This illustrates the fact that under entity coding the ICD-9 titles cannot be taken literally. The user must study the rules for entity coding as they relate to his/her research prior to utilization of entity data. The user is further cautioned that the inclusion notes in ICD-9 which relate to modifying and combining categories are seldom applicable to entity coding (except where provided in Part 2b of the Vital Statistics Instruction Manual Series).

In tabulating the entity axis data, one may count codes with the resultant tabulation of an individual code representing the number of times the disease(s) represented by the code appears in the file. In this kind of tabulation of morbid condition prevalence, the counts among categories may be added together to produce counts for groups of codes. Alternatively, subject to the limitations given above, one may count persons having mention of the disease represented by a code or codes. In this instance it is not correct to add counts for individual codes to create person counts for groups of codes. Since more than one code in the researcher's interest may appear together on the certificate, totaling must account for higher order interactions among codes. Up to 20 codes may be assigned on a record; therefore, a 20-way interaction is theoretically possible. All totaling must be based on mention of one or more of the categories under investigation.

B. Record Axis Codes

The following paragraphs describe the format and application of record-axis data. Part 2f of the Vital Statistics Instruction Manual Series describes the TRANSAX process for creating record axis data from entity axis data.

FORMAT: Each record (or person) axis code is displayed in five bytes. Location information is not relevant. The Code consists of the following components:

1. Cause category: The first four bytes represent the ICD-9 cause code.
2. Nature of injury flag: The last byte contains a 0 or 1 with the 1 indicating that the cause is a nature of injury category.

Again, a maximum of 20 codes are captured on a record for multiple cause purposes. The codes are written in a 100-byte field in ascending code number (5 bytes) order with any unused bytes left blank.

EDIT: The record axis codes are edited for rare causes and age/cause and sex/cause compatibility. Likewise, individual code validity is checked. The valid code set for record axis coding is the same as that for entity coding.

RECORD AXIS APPLICATIONS: The record axis multiple cause data set is the basis for NCHS core multiple cause tabulations. Location of codes is not relevant to this data set and conditions have been linked into the most meaningful categories for the certification. The most immediate consequence for the user is that the codes on the record already represent mention of a disease assignable to that particular ICD-9 category. This is in contrast to the entity code which is assigned each time such a disease is reported on two different lines of the certification. Secondly, the linkage implies that within the constraints of ICD-9 the most meaningful code has been assigned. The translation process creates for the user a data set which is edited for contradictions, duplicate codes, and imprecisions. In contrast to entity axis data, record axis data are classified in a manner comparable to underlying cause of death classification thereby facilitating joint analysis of these variables. Likewise, they are comparable to general morbidity coding where the linkage provisions of ICD-9 are usually utilized. A potential disadvantage of record axis data is that some detail is sacrificed in a number of the linkages.

The user can take the record axis codes as literally representing the information conveyed in ICD-9 category titles. While knowledge of the rules for combining and linking and coding conditions is useful, it is not a prerequisite to meaningful analysis of the data as long as one is willing to accept the assumptions of the axis translation process. The user is cautioned, however, that due to special rules in mortality coding, not all linkage notes in ICD-9 are utilized. (See Part 2f of the Vital Statistics Instruction Manual Series.)

The user should proceed with caution in using record axis data to count conditions as opposed to people with conditions since linkages have been invoked and duplicate codes have been eliminated. As with entity data, person based tabulations which combine individual cause categories must take into account the possible interaction of up to 20 codes on a single certificate.

V. Additional Information

In using the NCHS multiple cause data tapes, the user is urged to review the information in this document and its references. The instructional material does change from year to year and revision to revision. The user is cautioned that coding of specific ICD-9 categories should be checked in the appropriate instruction manual. What may appear on the surface to be the correct code by ICD-9 may in fact not be correct as given in the instruction manuals.

If on the surface it is not obvious whether entity axis or record axis data should be employed in a given application, detailed examination of Part 2f of the Vital Statistics Instruction Manual Series and its attachments will probably provide the necessary information to make a decision. It allows the user to determine the extent of the trade-offs between the two sets of data in terms of specific categories and the assumptions of axis translation. In certain situations, a combination of entity and record axis data may be the more appropriate alternative.

Several basic tabulations of data from selected variables contained on this tape have been produced and are included with this document as an aid to the user in determining if his own tabulations are correct. For verification of multiple cause-of-death data at the "each cause" level of detail, Table 1 provides counts of the number of deaths on which a given ICD-9 category is mentioned as the underlying cause-of-death, a record axis multiple cause-of-death, and an entity axis multiple cause-of-death, respectively. The counts for the record axis multiple cause-of-death field are divided into two distinct subtotals: (1) "total mention" and (2) "secondary". Secondary is defined as any code

which is present in the record axis field but is not the underlying cause-of-death. Tables 2-9 provide additional control totals for the three cause-of-death fields by age, race, and sex. Tables 10-12 ignore cause-of-death and provide control totals based on age, race, sex, State of residence, State of occurrence, and month. Tables 1-11 are based on resident deaths in the United States (excludes deaths to non-residents). Table 12 is based upon deaths occurring in the United States (includes deaths to foreign residents).

For help with questions concerning multiple cause-of-death analysis, please refer to the following publications:

National Center for Health Statistics. Multiple causes of death in the United States. Monthly vital statistics report: vol 32 no 10, suppl.(2). Hyattsville, Maryland: Public Health Service, 1984.

Chamblee, R.F. and Evans, M.C. TRANSAX: The NCHS system for producing multiple cause-of-death statistics, 1968-78. Vital and Health Statistics. Series 1, no 20. Public Health Service. Washington, DC: U.S. Government Printing Office, June 1986.

Israel, R.A., Rosenberg, H.M., and Curtin, L.R. Analytical potential for multiple cause-of-death data. American Journal of Epidemiology 124(2): 161-179. August, 1986.

Manton, K.G. and Stallard, E. Recent trends in mortality analysis. Orlando, Florida: Academic Press, Inc., 1984.

When further analytical assistance is needed, contact the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, Maryland 20782, Telephone (301) 436-8884. For technical assistance pertaining to the creation of the multiple cause-of-death file, contact Donna Glenn, Statistician, Technical Services Branch, Division of Vital Statistics, NCHS, Room 148, P.O.Box 12214, Research Triangle Park, North Carolina 27709. Telephone (919) 541-0999.

VI. List of Data Elements and Tape Locations

Data Items	Tape Locations
1. General	
a. Data year	1-2
b. Reporting area	3
c. Record Type	19
d. Resident status	20
e. Month of death	55-56
f. Day of week	83
2. Occurrence	
a. State	21-22
b. Expanded State	29-30
c. County	23-25
d. County Population size	49
e. Region	26
f. Division	27
g. FIPS State	119-120
h. FIPS County	121-123
3. Residence	
a. State	31-32
b. Expanded State	44-45
c. County	33-35
d. County Population size	50
e. City	36-38
f. City Population size	39
g. Met/Nonmet county	40
h. Region	41
i. Division	42
j. PMSA/MSA	46-48
k. PMSA/MSA Population size	51
l. FIPS State	124-125
m. FIPS County	126-128
n. FIPS PMSA/MSA	129-132
o. FIPS CMSA	134-135
4. The Decedent	
a. Sex	59
b. Race	60-63
c. Age	64-74
d. Marital status	77
e. State of birth	78-79
f. Hispanic origin	80-81, 82
g. Kind of Business or Industry	85-87, 94-97
h. Usual Occupation	88-90, 98-101
i. Education	52-53, 54

VI. List of Data Elements and Tape Locations

Data Items	Tape Locations
5. Underlying Cause	
a. ICD-9 code	142-145
b. 282 cause recode	146-150
c. 72 cause recode	151-153
d. 61 cause recode	154-156
e. 52 cause recode	91-93
f. 34 cause recode	157-159
g. Autopsy performed	84
h. Place of accident	141
6. Multiple Conditions	
a. Entity-Axis conditions	
1. Number of	160-161
2. The conditions	162-301
b. Record-Axis conditions	
1. Number of	338-339
2. The conditions	341-440

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
1-2	2	<u>Last 2 Digits of Current Data Year</u> 90 ... 1990
3	1	<u>Reporting Area</u> The following codes used with the State of Occurrence codes, locations 21-22, identify separate reporting areas. 1 ... Bronx borough, Bronx county 2 ... Brooklyn borough, Kings county 3 ... Manhattan borough, New York county 4 ... Queens borough, Queens county 5 ... Staten Island borough, Richmond county 6 ... Chicago 0 ... All other areas
4-9	6	<u>Certificate Number</u> These positions are blank.
10-11	2	<u>Shipment Number</u> 01-nn ... Shipments from each reporting area are numbered consecutively
12-18	7	<u>Sequence Number</u> These positions are blank.
19	1	<u>Record Type</u> 1 ... RESIDENTS State and County of Occurrence and Residence are the same 2 ... NONRESIDENTS State and/or County of Occurrence and Residence are different 9 ... UNKNOWN See statement concerning HIV deaths in Georgia.
20	1	<u>Resident Status</u> 1 ... RESIDENTS State and County of Occurrence and Residence are the same 2 ... INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different. 3 ... INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U S 4 ... FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S. 9 ... UNKNOWN See statement concerning HIV deaths in Georgia.

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
----------------------	-------------------	------------------------------

21-30	10	<u>PLACE OF OCCURRENCE</u>
-------	----	----------------------------

Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.

21-22	2	<u>State of Occurrence</u>
-------	---	----------------------------

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	North Carolina
35	...	North Dakota
36	...	Ohio
37	...	Oklahoma
38	...	Oregon
39	...	Pennsylvania
40	...	Rhode Island
41	...	South Carolina
42	...	South Dakota
43	...	Tennessee
44	...	Texas
45	...	Utah
46	...	Vermont
47	...	Virginia
48	...	Washington
49	...	West Virginia
50	...	Wisconsin
51	...	Wyoming

23-25	3	<u>County of Occurrence</u>
-------	---	-----------------------------

001-999	...	Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.)
999	...	County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
26	1	<u>Region</u>
27-28	2	<u>Division and State Subcode of Occurrence</u>

States are coded within Division.
26 is Region. 27 is Division. 28 is State subcode.

1	...	<u>NORTHEAST</u>
1	...	<u>New England</u>
1	...	Maine
2	...	New Hampshire
3	...	Vermont
4	...	Massachusetts
5	...	Rhode Island
6	...	Connecticut
2	...	<u>Middle Atlantic</u>
1	...	New York
2	...	New Jersey
3	...	Pennsylvania
2	...	<u>MIDWEST</u>
3	...	<u>East North Central</u>
1	...	Ohio
2	...	Indiana
3	...	Illinois
4	...	Michigan
5	...	Wisconsin
4	...	<u>West North Central</u>
1	...	Minnesota
2	...	Iowa
3	...	Missouri
4	...	North Dakota
5	...	South Dakota
6	...	Nebraska
7	...	Kansas
3	...	<u>SOUTH</u>
5	...	<u>South Atlantic</u>
1	...	Delaware
2	...	Maryland
3	...	District of Columbia
4	...	Virginia
5	...	West Virginia
6	...	North Carolina
7	...	South Carolina
8	...	Georgia
9	...	Florida
6	...	<u>East South Central</u>
1	...	Kentucky
2	...	Tennessee
3	...	Alabama
4	...	Mississippi
7	...	<u>West South Central</u>
1	...	Arkansas
2	...	Louisiana
3	...	Oklahoma
4	...	Texas
4	...	<u>WEST</u>
8	...	<u>Mountain</u>
1	...	Montana
2	...	Idaho
3	...	Wyoming
4	...	Colorado
5	...	New Mexico
6	...	Arizona
7	...	Utah
8	...	Nevada
9	...	<u>Pacific</u>
1	...	Washington
2	...	Oregon
3	...	California
4	...	Alaska
5	...	Hawaii

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

29-30 2 Expanded State of Occurrence Code

This item is designed to separately identify New York City records from other New York State records.

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	New York City
35	...	North Carolina
36	...	North Dakota
37	...	Ohio
38	...	Oklahoma
39	...	Oregon
40	...	Pennsylvania
41	...	Rhode Island
42	...	South Carolina
43	...	South Dakota
44	...	Tennessee
45	...	Texas
46	...	Utah
47	...	Vermont
48	...	Virginia
49	...	Washington
50	...	West Virginia
51	...	Wisconsin
52	...	Wyoming

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
31-48	18	<u>PLACE OF RESIDENCE</u>

Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.

31-32	2	<u>State of Residence</u>
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01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	North Carolina
35	...	North Dakota
36	...	Ohio
37	...	Oklahoma
38	...	Oregon
39	...	Pennsylvania
40	...	Rhode Island
41	...	South Carolina
42	...	South Dakota
43	...	Tennessee
44	...	Texas
45	...	Utah
46	...	Vermont
47	...	Virginia
48	...	Washington
49	...	West Virginia
50	...	Wisconsin
51	...	Wyoming
52-57,59	...	Foreign residents
52	...	Puerto Rico
53	...	Virgin Islands
54	...	Guam
55	...	Canada
56	...	Cuba
57	...	Mexico
59	...	Remainder of the world

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
33-35	3	<u>County of Residence</u> 001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.) ZZZ ... Foreign residents 999 ... County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).
36-38	3	<u>City of Residence</u> 001-nnn ... Cities are numbered alphabetically within each State and identify each city with a population of 100,000 or more in 1980. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.) 999 ... Balance of county or city of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia). ZZZ ... Foreign residents
39	1	<u>Population Size of City of Residence</u> 0 ... Place of 1,000,000 or more 1 ... Place of 500,000 to 1,000,000 2 ... Place of 250,000 to 500,000 3 ... Place of 100,000 to 250,000 9 ... All other areas in the U.S. or unknown (see statement concerning HIV deaths in Georgia). Z ... Foreign residents
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u> 1 ... Metropolitan county 2 ... Nonmetropolitan county Z ... Foreign residents 9 ... Unknown (see statement concerning HIV deaths in Georgia).

1990
Mortality Multiple Cause-of-Death Record

Tape Location	Field Size	Item and Code Outline
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41	1	<u>Region</u>
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42-43	2	<u>Division and State Subcode of Residence</u>
-------	---	--

States are coded within Division.
41 is Region. 42 is Division. 43 is State subcode.

000	...	<u>Foreign residents</u>
1	...	<u>NORTHEAST</u>
1	...	<u>New England</u>
1	...	Maine
2	...	New Hampshire
3	...	Vermont
4	...	Massachusetts
5	...	Rhode Island
6	...	Connecticut
2	...	<u>Middle Atlantic</u>
1	...	New York
2	...	New Jersey
3	...	Pennsylvania
2	...	<u>MIDWEST</u>
3	...	<u>East North Central</u>
1	...	Ohio
2	...	Indiana
3	...	Illinois
4	...	Michigan
5	...	Wisconsin
4	...	<u>West North Central</u>
1	...	Minnesota
2	...	Iowa
3	...	Missouri
4	...	North Dakota
5	...	South Dakota
6	...	Nebraska
7	...	Kansas
3	...	<u>SOUTH</u>
5	...	<u>South Atlantic</u>
1	...	Delaware
2	...	Maryland
3	...	District of Columbia
4	...	Virginia
5	...	West Virginia
6	...	North Carolina
7	...	South Carolina
8	...	Georgia
9	...	Florida
6	...	<u>East South Central</u>
1	...	Kentucky
2	...	Tennessee
3	...	Alabama
4	...	Mississippi
7	...	<u>West South Central</u>
1	...	Arkansas
2	...	Louisiana
3	...	Oklahoma
4	...	Texas
4	...	<u>WEST</u>
8	...	<u>Mountain</u>
1	...	Montana
2	...	Idaho
3	...	Wyoming
4	...	Colorado
5	...	New Mexico
6	...	Arizona
7	...	Utah
8	...	Nevada
9	...	<u>Pacific</u>
1	...	Washington
2	...	Oregon
3	...	California
4	...	Alaska
5	...	Hawaii

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

44-45 2 Expanded State of Residence Code

This item is designed to separately identify New York City records from other New York State records.

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	New York City
35	...	North Carolina
36	...	North Dakota
37	...	Ohio
38	...	Oklahoma
39	...	Oregon
40	...	Pennsylvania
41	...	Rhode Island
42	...	South Carolina
43	...	South Dakota
44	...	Tennessee
45	...	Texas
46	...	Utah
47	...	Vermont
48	...	Virginia
49	...	Washington
50	...	West Virginia
51	...	Wisconsin
52	...	Wyoming
53	...	Puerto Rico
54	...	Virgin Islands
55	...	Guam
56	...	Canada
57	...	Cuba
58	...	Mexico
60	...	Remainder of the world

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

46-48 3 NCHS PSMA/MSA of Residence

Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.

Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.

000 ... Nonmetropolitan counties
001-320 ... Code range
ZZZ ... Foreign residents
999 ... SMSA of less than 100,000 population or Georgia HIV death
 (see statement concerning HIV deaths in Georgia).

49 1 Population Size of County of Occurrence

Based on the results of the 1980 Census

0 ... County of 1,000,000 or more
1 ... County of 500,000 to 1,000,000
2 ... County of 250,000 to 500,000
3 ... County of 100,000 to 250,000
9 ... County of less than 100,000

50 1 Population Size of County of Residence

Based on the results of the 1980 Census

0 ... County of 1,000,000 or more
1 ... County of 500,000 to 1,000,000
2 ... County of 250,000 to 500,000
3 ... County of 100,000 to 250,000
9 ... County of less than 100,000
Z ... Foreign residents

51 1 Population Size of PMSA/MSA

Based on 1990 Census county population counts

1 ... Area of 250,000 or more
2 ... Area of 100,000 to 250,000
3 ... Area of less than 100,000
9 ... Nonmetropolitan area
Z ... Foreign residents

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
52-53	2	<u>Education</u> 00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated
54	1	<u>Education Recode</u> 1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years 4 ... 13 - 15 years 5 ... 16 years or more 6 ... Not stated
55-56	2	<u>Month of Death</u> 01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December
57-58	2	<u>Reserved Positions</u>

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
59	1	<u>Sex</u> 1 ... Male 2 ... Female
60-63	4	<u>RACE</u>
60-61	2	<u>Detail Race</u> Race codes for 1989 differ from previous years 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 09 ... All other races
62	1	<u>Race Recode 3</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
63	1	<u>Race Recode 2</u> 1 ... White 2 ... All other races
64-74	11	<u>REPORTED AGE</u>
64-66	3	<u>Detail Age</u> Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc 0 01-99 ... Years less than 100 1 00-99 ... Years 100 or more 2 01-11,99 ... Months 3 01-03,99 ... Weeks 4 01-27,99 ... Days 5 01-23,99 ... Hours 6 01-59,99 ... Minutes 9 99 ... Age not stated

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

67-68 2 Age Recode 52

01	...	Under 1 hour (includes not stated hours and minutes)
02	...	1 - 23 hours
03	...	1 day (includes not stated days)
04	...	2 days
05	...	3 days
06	...	4 days
07	...	5 days
08	...	6 days
09	...	7 - 13 days (includes not stated weeks)
10	...	14 - 20 days
11	...	21 - 27 days
12	...	1 month (includes not stated months)
13	...	2 months
14	...	3 months
15	...	4 months
16	...	5 months
17	...	6 months
18	...	7 months
19	...	8 months
20	...	9 months
21	...	10 months
22	...	11 months
23	...	1 year
24	...	2 years
25	...	3 years
26	...	4 years
27	...	5 - 9 years
28	...	10 - 14 years
29	...	15 - 19 years
30	...	20 - 24 years
31	...	25 - 29 years
32	...	30 - 34 years
33	...	35 - 39 years
34	...	40 - 44 years
35	...	45 - 49 years
36	...	50 - 54 years
37	...	55 - 59 years
38	...	60 - 64 years
39	...	65 - 69 years
40	...	70 - 74 years
41	...	75 - 79 years
42	...	80 - 84 years
43	...	85 - 89 years
44	...	90 - 94 years
45	...	95 - 99 years
46	...	100 - 104 years
47	...	105 - 109 years
48	...	110 - 114 years
49	...	115 - 119 years
50	...	120 - 124 years
51	...	125 years and over
52	...	Age not stated

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

69-70 2 Age Recode 27

01	...	Under 1 month (includes not stated weeks, days, hours, and minutes)
02	...	1 month - 11 months (includes not stated months)
03	...	1 year
04	...	2 years
05	...	3 years
06	...	4 years
07	...	5 - 9 years
08	...	10 - 14 years
09	...	15 - 19 years
10	...	20 - 24 years
11	...	25 - 29 years
12	...	30 - 34 years
13	...	35 - 39 years
14	...	40 - 44 years
15	...	45 - 49 years
16	...	50 - 54 years
17	...	55 - 59 years
18	...	60 - 64 years
19	...	65 - 69 years
20	...	70 - 74 years
21	...	75 - 79 years
22	...	80 - 84 years
23	...	85 - 89 years
24	...	90 - 94 years
25	...	95 - 99 years
26	...	100 years and over
27	...	Age not stated

71-72 2 Age Recode 12

01	...	Under 1 year (includes not stated infant ages)
02	...	1 - 4 years
03	...	5 - 14 years
04	...	15 - 24 years
05	...	25 - 34 years
06	...	35 - 44 years
07	...	45 - 54 years
08	...	55 - 64 years
09	...	65 - 74 years
10	...	75 - 84 years
11	...	85 years and over
12	...	Age not stated

1990
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
73-74	2	<u>Infant Age Recode 22</u>
		Blank ... Age 1 year and over or not stated
		01 ... Under 1 hour (includes not stated hours a
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7 - 13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months
		15 ... 4 months
		16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
75	1	<u>Place of death and Decedent's Status</u>
		1 ... Hospital, Clinic or Medical Center - Inpatient
		2 ... Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Roc
		3 ... Hospital, Clinic or Medical Center - Dead on Arrival
		4 ... Hospital, Clinic or Medical Center - Patient status unknown
		5 ... Nursing home
		6 ... Residence
		7 ... Other
		9 ... Place of death unknown
76	1	<u>Reserved Position</u>
77	1	<u>Marital Status</u>
		1 ... Never married, single
		2 ... Married
		3 ... Widowed
		4 ... Divorced
		8 ... Marital Status not on certificate
		9 ... Marital Status not stated

1990
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
78-79	2	<u>State of Birth</u>
		01 ... Alabama
		02 ... Alaska
		03 ... Arizona
		04 ... Arkansas
		05 ... California
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52 ... Puerto Rico
		53 ... Virgin Islands
		54 ... Guam
		55 ... Canada
		56 ... Cuba
		57 ... Mexico
		59 ... Remainder of the world
		99 ... State of birth unknown

1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

80-81 2 Hispanic Origin

00 ... Non - Hispanic
01 ... Mexican
02 ... Puerto Rican
03 ... Cuban
04 ... Central or South American
05 ... Other or unknown Hispanic
99 ... Unknown

82 1 Hispanic Origin/Race Recode

1 ... Mexican
2 ... Puerto Rican
3 ... Cuban
4 ... Central or South American
5 ... Other or unknown Hispanic
6 ... Non - Hispanic white
7 ... Non - Hispanic black
8 ... Non - Hispanic other races
9 ... Hispanic origin unknown

83 1 Day of Week of Death

1 ... Sunday
2 ... Monday
3 ... Tuesday
4 ... Wednesday
5 ... Thursday
6 ... Friday
7 ... Saturday
9 ... Unknown

84 1 Autopsy Performed

1 ... Yes
2 ... No
8 ... Autopsy performed not on certificate
9 ... Autopsy performed not stated

85-87 3 Kind of Business or Industry

This item is not reported by all states. Refer to the Addendum to Technical Appendix at the back of this publication for a list of reporting states.

For a complete list of categories and codes refer to :
U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. First Edition. Washington. U.S. Government Printing Office, Oct. 1980.

010-990 ... Code range (not inclusive)

In addition to the codes shown in the Census publication, the following codes are also applicable:

942 ... Armed forces
951 ... Retired; with no other industry reported
961 ... Non - paid worker or non-worker

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
88-90	3	<p><u>Usual Occupation</u></p> <p>This item is not reported by all states. Refer to the Addendum to Technical Appendix at the back of this publication for a list of reporting states.</p> <p>For a complete list of categories and codes refer to the Census Bureau publication mentioned above.</p> <p>003-999 ... Code range (not inclusive)</p> <p>In addition to the codes shown in the Census publication, the following codes are also applicable:</p> <p>905 ... Military 913 ... Retired; with no other occupation reported 914 ... Homemaker 915 ... Student 916 ... Volunteer 917 ... None</p>
91-93	3	<p><u>52 Cause Recode</u></p> <p>A recode of the cause code into 52 groups designed for use in producing tabulations. Further back in this document is a complete list of recodes and categories.</p> <p>010-560 ... Code range (not inclusive)</p>
94-95	2	<p><u>Business or Industry Recode 51</u></p> <p>A recode of the business or industry code into 51 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-51 ... Code range (not inclusive)</p>
96-97	2	<p><u>Business or Industry Recode 15</u></p> <p>A recode of the business or industry code into 15 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-15 ... Code range</p>
98-99	2	<p><u>Usual Occupation Recode 59</u></p> <p>A recode of the usual occupation code into 59 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-59 ... Code range (not inclusive)</p>
100-101	2	<p><u>Usual Occupation Recode 9</u></p> <p>A recode of the usual occupation code into 9 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-09 ... Code range</p>

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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102-109	8	<u>Reserved Positions</u>
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110-113	4	<u>Calculated Detail Age</u>
---------	---	------------------------------

Four positions are used to code calculated detail age. Location 110 indicates whether age is coded in days or in years. Locations 111 - 113 are the number of days or years.

0	000	...	Less than 1 day
1	001-365	...	Days
2	001-135	...	Years
9	999	...	Age unknown

114	1	<u>Age Substitution Flag</u>
-----	---	------------------------------

0
If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age.

1	...	Calculated age is substituted for reported age
---	-----	--

115-118	4	<u>Reserved Positions</u>
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1990
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

119-132 14 FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES

Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Bureau of Standards (NBS) publications.

119-120 2 State of Occurrence

01	...	Alabama
02	...	Alaska
04	...	Arizona
05	...	Arkansas
06	...	California
08	...	Colorado
09	...	Connecticut
10	...	Delaware
11	...	District of Columbia
12	...	Florida
13	...	Georgia
15	...	Hawaii
16	...	Idaho
17	...	Illinois
18	...	Indiana
19	...	Iowa
20	...	Kansas
21	...	Kentucky
22	...	Louisiana
23	...	Maine
24	...	Maryland
25	...	Massachusetts
26	...	Michigan
27	...	Minnesota
28	...	Mississippi
29	...	Missouri
30	...	Montana
31	...	Nebraska
32	...	Nevada
33	...	New Hampshire
34	...	New Jersey
35	...	New Mexico
36	...	New York
37	...	North Carolina
38	...	North Dakota
39	...	Ohio
40	...	Oklahoma
41	...	Oregon
42	...	Pennsylvania
44	...	Rhode Island
45	...	South Carolina
46	...	South Dakota
47	...	Tennessee
48	...	Texas
49	...	Utah
50	...	Vermont
51	...	Virginia
53	...	Washington
54	...	West Virginia
55	...	Wisconsin
56	...	Wyoming

121-123 3 County of Occurrence

001-nnn	...	Code range
999	...	County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).

1990
Mortality Multiple Cause-of-Death Record

Tape	Field	
<u>Location</u>	<u>Size</u>	<u>Item and Code Outline</u>

124-125	2	<u>State of Residence</u>
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00	...	Foreign residents
01	...	Alabama
02	...	Alaska
04	...	Arizona
05	...	Arkansas
06	...	California
08	...	Colorado
09	...	Connecticut
10	...	Delaware
11	...	District of Columbia
12	...	Florida
13	...	Georgia
15	...	Hawaii
16	...	Idaho
17	...	Illinois
18	...	Indiana
19	...	Iowa
20	...	Kansas
21	...	Kentucky
22	...	Louisiana
23	...	Maine
24	...	Maryland
25	...	Massachusetts
26	...	Michigan
27	...	Minnesota
28	...	Mississippi
29	...	Missouri
30	...	Montana
31	...	Nebraska
32	...	Nevada
33	...	New Hampshire
34	...	New Jersey
35	...	New Mexico
36	...	New York
37	...	North Carolina
38	...	North Dakota
39	...	Ohio
40	...	Oklahoma
41	...	Oregon
42	...	Pennsylvania
44	...	Rhode Island
45	...	South Carolina
46	...	South Dakota
47	...	Tennessee
48	...	Texas
49	...	Utah
50	...	Vermont
51	...	Virginia
53	...	Washington
54	...	West Virginia
55	...	Wisconsin
56	...	Wyoming

126-128	3	<u>County of Residence</u>
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000	...	Foreign residents
001-nnn	...	Code range
999	...	County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
129-132	4	<p><u>PMSA/MSA of Residence</u></p> <p>Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.</p> <p>Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.</p> <p>0000 ... Nonmetropolitan counties or foreign residents 0040-9360 ... Code range</p>
133	1	<u>Reserved Position</u>
134-135	2	<p><u>CMSA of Residence</u></p> <p>Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of June 30, 1990.</p> <p>00 ... Not a CMSA 07 ... Boston - Lawrence-Salem, MA-NH 10 ... Buffalo - Niagara Falls, NY 14 ... Chicago - Gary-Lake County, IL-IN-WI 21 ... Cincinnati - Hamilton, OH-KY-IN 28 ... Cleveland - Akron-Lorain, OH 31 ... Dallas - Fort Worth, TX 34 ... Denver - Boulder, CO 35 ... Detroit - Ann Arbor, MI 41 ... Hartford - New Britain-Middletown, CT 42 ... Houston - Galveston-Brazoria, TX 49 ... Los Angeles - Anaheim-Riverside, CA 56 ... Miami - Fort Lauderdale, FL 63 ... Milwaukee - Racine, WI 70 ... New York -Northern New Jersey-Long Island, NY-NJ-CT 77 ... Philadelphia - Wilmington-Trenton, PA-NJ-DE-MD 78 ... Pittsburg - Beaver Valley, PA 79 ... Portland - Vancouver, OR-WA 80 ... Providence - Pawtucket-Fall River, RI-MA 84 ... San Francisco -Oakland-San Jose, CA 91 ... Seattle - Tacoma, WA</p>
136-140	5	<u>Reserved Positions</u>
141	1	<p><u>Place of Accident for Causes E850-E929</u></p> <p>Blank ... Causes other than E850-E929 0 ... Home 1 ... Farm 2 ... Mine and Quarry 3 ... Industrial Place and Premises 4 ... Place for Recreation and Sport 5 ... Street and Highway 6 ... Public Building 7 ... Resident Institution 8 ... Other Specified Places 9 ... Place of Accident not specified</p>

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
142-159	18	<u>UNDERLYING CAUSE OF DEATH</u>
142-145	4	<u>ICD Code (9th Revision)</u> See the "International Classification of Diseases", 1975 Revision, Volume 1. For injuries and poisoning, the external cause is coded (E800-E999) rather than the Nature of Injury (800-999). These positions do not include the letter E for the external cause of injury. For those causes that do not have a 4th digit, location 145 is blank
146-150	5	<u>282 Cause Recode</u> A recode of the ICD cause code into 282 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 00300-35800 ... Code range (not inclusive)
151-153	3	<u>72 Cause Recode</u> A recode of the ICD cause code into 72 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 010-840 .. Code range (not inclusive)
154-156	3	<u>61 Infant Cause Recode</u> A recode of the ICD cause code into 61 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 010-680 .. Code range (not inclusive)
157-159	3	<u>34 Cause Recode</u> A recode of the ICD cause code into 34 groups for NCHS publications. Further back in this document is a complete list of recodes and the causes included. 010-370 ... Code range (not inclusive)

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
160-440	281	<u>MULTIPLE CONDITIONS</u>
160-161	2	<u>Number of Entity-Axis Conditions</u> 00-20 ... Code range
162-301	140	<u>ENTITY - AXIS CONTITIONS</u> Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. Records that do not have 20 conditions are blank in the unused area. Position 1: Part/line number on certificate 1 ... Part I, line 1 (a) 2 ... Part I, line 2 (b) 3 ... Part I, line 3 (c) 4 ... Part I, line 4 (d) 5 ... Part I, line 5 (e) 6 ... Part II Position 2: Sequence of condition within part/line 1-7 ... Code range Position 3 - 6: Condition code See Table 1 for a complete list of codes Position 7: Nature of Injury Flag 1 ... Indicates that the code in positions 3-6 is a Nature of Injury code 0 ... All other codes
162-168	7	1st Condition
169-175	7	2nd Condition
176-182	7	3rd Condition
183-189	7	4th Condition
190-196	7	5th Condition
197-203	7	6th Condition
204-210	7	7th Condition
211-217	7	8th Condition
218-224	7	9th Condition
225-231	7	10th Condition
232-238	7	11th Condition
239-245	7	12th Condition
246-252	7	13th Condition
253-259	7	14th Condition
260-266	7	15th Condition
267-273	7	16th Condition

1990
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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ENTITY - AXIS CONDITIONS - continued

274-280	7	17th Condition
281-287	7	18th Condition
288-294	7	19th Condition
295-301	7	20th Condition

302-337	36	<u>Reserved Positions</u>
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338-339	2	<u>Number of Record-Axis Conditions</u> 00-20 ... Code range
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340	1	<u>Reserved Position</u>
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341-440	100	<u>RECORD - AXIS CONDITIONS</u>
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Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. Records that do not have 20 conditions are blank in the unused area.

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

Position 5: Nature of Injury Flag

1	... Indicates that the code in positions 1-4 is a Nature of Injury code
0	... All other codes

341-345	5	1st Condition
346-350	5	2nd Condition
351-355	5	3rd Condition
356-360	5	4th Condition
361-365	5	5th Condition
366-370	5	6th Condition
371-375	5	7th Condition
376-380	5	8th Condition
381-385	5	9th Condition
386-390	5	10th Condition
391-395	5	11th Condition
396-400	5	12th Condition
401-405	5	13th Condition
406-410	5	14th Condition

1990
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	

RECORD - AXIS CONDITIONS - Continued

411-415	5	15th Condition
416-420	5	16th Condition
421-425	5	17th Condition
426-430	5	18th Condition
431-435	5	19th Condition
436-440	5	20th Condition

Geographic Code Outline

The following pages show in detail the geographic codes used by the Division of Vital Statistics in the processing of vital event data occurring in the United States. When an event occurs to a nonresident of the United States, residence data are coded only to the "State" level; several western hemisphere countries or the remainder of the world are uniquely identified. Along with the Division of Vital Statistics codes, the Federal Information Processing Standards (FIPS) codes are shown for several items. Both sets of codes appear on the vital event public-use files. The Metropolitan Statistical Area codes are effective with the 1990 data year and are based on the 1990 Census. All other codes are effective with the 1982 data year and are based on results of the 1980 Census.

To aid the user in interpreting the geographic codes, a brief explanation of the codes and of the column headings/abbreviations shown on the following pages are:

State (St): Each State and the District of Columbia are numbered alphabetically. In addition, several unique codes are used to identify nonresidents of the U.S.

County (Cnty): Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State.

MSA: Metropolitan statistical areas are those established by the U.S. Office of Management and Budget (OMB) using 1990 Census population counts. For New England, the New England County Metropolitan Areas (NECMA) are used.

M/NM: Metropolitan counties (code 1) are component counties of SMSA's. Nonmetropolitan counties (code 2) are not part of any SMSA.

City: Cities are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1980.

P/S: Population size code for city of residence based on the 1980 Census. Refer to the code outline given earlier in this document for specific codes and meanings.

Name: Each State, county, and city name is listed along with its respective code. In addition, places used to identify nonresidents of the U.S. are also listed along with their codes.

FIPS: For an explanation of FIPS codes, reference should be made to various National Bureau of Standards (NBS) publications.

So! How do I find Yavapai county, Arizona; or Tupelo city, Mississippi?

Since counties and cities are numbered within State, the State and county or the State and city codes must be used to select these areas. It is most helpful if the county is known when looking for a particular city since areas are shown by State, county, and city.

Yavapai county, Arizona - State and county codes 03 013.

Tupelo, Mississippi - State and city codes 25 025 or State, county, city codes 25 041 025.

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes						
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA	
01				Alabama				01		
	001	196	1		Autauga			001	5240	
				030	6	Prattville, part				
				999	9	Balance of county				
	002	192	1	999	9	Baldwin			003	5160
	003	000	2		Barbour			005	0000	
				013	6	Eufaula				
				999	9	Balance of county				
	004	000	2	999	9	Bibb			007	0000
	005	037	1	999	9	Blount			009	1000
	006	000	2	999	9	Bullock			011	0000
	007	000	2	999	9	Butler			013	0000
	008	015	1		Calhoun			015	0450	
				004	5	Anniston				
				999	9	Balance of county				
	009	000	2	999	9	Chambers			017	0000
	010	000	2	999	9	Cherokee			019	0000
	011	000	2	999	9	Chilton			021	0000
	012	000	2	999	9	Choctaw			023	0000
	013	000	2	999	9	Clarke			025	0000
	014	000	2	999	9	Clay			027	0000
	015	000	2	999	9	Cleburne			029	0000
	016	000	2		Coffee			031	0000	
				012	6	Enterprise, part				
				999	9	Balance of county				
	017	100	1		Colbert			033	2650	
				034	6	Sheffield				
				999	9	Balance of county				
	018	000	2	999	9	Conecuh			035	0000
	019	000	2	999	9	Coosa			037	0000
	020	000	2		Covington			039	0000	
				003	6	Andalusia				
				999	9	Balance of county				
	021	000	2	999	9	Crenshaw			041	0000
	022	000	2		Cullman			043	0000	
				009	6	Cullman				
				999	9	Balance of county				
	023	085	1		Dale			045	2180	
				011	5	Dothan, part				
				012	6	Enterprise, part				
				028	6	Ozark				
				999	9	Balance of county				
	024	000	2		Dallas			047	0000	
				033	5	Selma				
				999	9	Balance of county				
	025	000	2		De Kalb			049	0000	
				016	6	Fort Payne				
				999	9	Balance of county				
	026	196	1		Elmore			051	5240	
				030	6	Prattville, part				
				999	9	Balance of county				
	027	000	2	999	9	Escambia			053	0000
	028	111	1		Etowah			055	2880	
				017	5	Gadsden				
				999	9	Balance of county				
	029	000	2	999	9	Fayette			057	0000
	030	000	2	999	9	Franklin			059	0000
	031	000	2	999	9	Geneva			061	0000
	032	000	2	999	9	Greene			063	0000
	033	000	2	999	9	Hale			065	0000
	034	000	2	999	9	Henry			067	0000
	035	085	1		Houston			069	2180	
				011	5	Dothan, part				
				999	9	Balance of county				
	036	000	2		Jackson			071	0000	
				032	6	Scottsboro				
				999	9	Balance of county				
	037	037	1		Jefferson			073	1000	
				007	5	Bessemer				
				008	2	Birmingham				
				014	6	Fairfield				
				018	6	Homewood				
				019	6	Hoover, part				
				020	6	Hueytown				
				025	6	Mountain Brook				

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
01				Alabama	01
			040 6	Vestavia Hills	
			999 9	Balance of county	
038	000	2	999 9	Lamar	075 0000
039	100	1		Lauderdale	077 2650
			015 5	Florence	
			999 9	Balance of county	
040	080	1	999 9	Lawrence	079 2030
041	000	2		Lee	081 0000
			006 5	Auburn	
			027 6	Opelika	
			029 5	Phenix City, part	
			999 9	Balance of county	
042	000	2		Limestone	083 0000
			005 6	Athens	
			999 9	Balance of county	
043	000	2	999 9	Lowndes	085 0000
044	000	2		Macon	087 0000
			039 6	Tuskegee	
			999 9	Balance of county	
045	132	1		Madison	089 3440
			021 3	Huntsville	
			999 9	Balance of county	
046	000	2	999 9	Marengo	091 0000
047	000	2	999 9	Marion	093 0000
048	000	2		Marshall	095 0000
			001 6	Albertville	
			999 9	Balance of county	
049	192	1		Mobile	097 5160
			023 3	Mobile	
			031 5	Prichard	
			999 9	Balance of county	
050	000	2	999 9	Monroe	099 0000
051	196	1		Montgomery	101 5240
			024 3	Montgomery	
			999 9	Balance of county	
052	080	1		Morgan	103 2030
			010 5	Decatur	
			999 9	Balance of county	
053	000	2	999 9	Perry	105 0000
054	000	2	999 9	Pickens	107 0000
055	000	2		Pike	109 0000
			037 6	Troy	
			999 9	Balance of county	
056	000	2	999 9	Randolph	111 0000
057	071	1		Russell	113 1800
			029 5	Phenix City, part	
			999 9	Balance of county	
058	037	1	999 9	St. Clair	115 1000
059	037	1		Shelby	117 1000
			019 6	Hoover, part	
			999 9	Balance of county	
060	000	2	999 9	Sumter	119 0000
061	000	2		Talladega	121 0000
			035 6	Sylacauga	
			036 6	Talladega	
			999 9	Balance of county	
062	000	2		Tallapoosa	123 0000
			002 6	Alexander City	
			999 9	Balance of county	
063	296	1		Tuscaloosa	125 8600
			026 6	Northport	
			038 4	Tuscaloosa	
			999 9	Balance of county	
064	037	1		Walker	127 1000
			022 6	Jasper	
			999 9	Balance of county	
065	000	2	999 9	Washington	129 0000
066	000	2	999 9	Wilcox	131 0000
067	000	2	999 9	Winston	133 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
02					Alaska	02
001	000	2	999	9	Aleutian Islands	010 0000
002	011	1	001	3	Anchorage, coext. with Anchorage city	020 0380
003	000	2	999	9	Bethel	050 0000
004	000	2	999	9	Bristol Bay borough	060 0000
005	000	2	999	9	Dillingham	070 0000
006	000	2			Fairbanks North Star borough	090 0000
			002	6	Fairbanks	
			999	9	Balance of area	
007	000	2	999	9	Haines borough	100 0000
008	000	2	003	6	Juneau, coext. with Juneau city	110 0000
009	000	2	999	9	Kenai Peninsula borough	122 0000
010	000	2	999	9	Ketchikan Gateway borough	130 0000
011	000	2	999	9	Kobuk	140 0000
012	000	2	999	9	Kodiak Island borough	150 0000
013	000	2	999	9	Matanuska-Susitna borough	170 0000
014	000	2	999	9	Nome	180 0000
015	000	2	999	9	North Slope borough	185 0000
016	000	2	999	9	Prince of Wales-Outer Ketchikan	201 0000
017	000	2	999	9	Sitka borough	220 0000
018	000	2	999	9	Skagway-Yakutat-Angoon	231 0000
019	000	2	999	9	Southeast Fairbanks	240 0000
020	000	2	999	9	Valdez-Cordova	261 0000
021	000	2	999	9	Wade Hampton	270 0000
022	000	2	999	9	Wrangell-Petersburg	280 0000
023	000	2	999	9	Yukon-Koyukuk	290 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
03				Arizona	04
	001	000	2 999 9	Apache	001 0000
	002	000	2	Cochise	003 0000
			003 6	Douglas	
			014 5	Sierra Vista	
			999 9	Balance of county	
	003	000	2	Coconino	005 0000
			004 5	Flagstaff	
			999 9	Balance of county	
	004	000	2 999 9	Gila	007 0000
	005	000	2 999 9	Graham	009 0000
	006	000	2 999 9	Greenlee	011 0000
	007	226	1	Maricopa	013 6200
			002 5	Chandler	
			005 4	Glendale	
			007 3	Mesa	
			009 6	Paradise Valley	
			010 6	Peoria	
			011 1	Phoenix	
			013 4	Scottsdale	
			015 3	Tempe	
			999 9	Balance of county	
	008	000	2	Mohave	015 0000
			006 6	Lake Havasu City	
			999 9	Balance of county	
	009	000	2 999 9	Navajo	017 0000
	010	294	1	Pima	019 8520
			016 2	Tucson	
			999 9	Balance of county	
	011	000	2	Pinal	021 0000
			001 6	Casa Grande	
			999 9	Balance of county	
	012	000	2	Santa Cruz	023 0000
			008 6	Nogales	
			999 9	Balance of county	
	013	000	2	Yavapai	025 0000
			012 6	Prescott	
			999 9	Balance of county	
	014	320	1	Yuma	027 9360
			017 5	Yuma	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
04						Arkansas	05
	001	000	2			Arkansas	001 0000
				025	6	Stuttgart	
				999	9	Balance of county	
	002	000	2	999	9	Ashley	003 0000
	003	000	2	999	9	Baxter	005 0000
	004	000	2			Benton	007 0000
				020	6	Rogers	
				024	6	Springdale, part	
				999	9	Balance of county	
	005	000	2	999	9	Boone	009 0000
	006	000	2	999	9	Bradley	011 0000
	007	000	2	999	9	Calhoun	013 0000
	008	000	2	999	9	Carroll	015 0000
	009	000	2	999	9	Chicot	017 0000
	010	000	2			Clark	019 0000
				001	6	Arkadelphia	
				999	9	Balance of county	
	011	000	2	999	9	Clay	021 0000
	012	000	2	999	9	Cleburne	023 0000
	013	000	2	999	9	Cleveland	025 0000
	014	000	2			Columbia	027 0000
				015	6	Magnolia	
				999	9	Balance of county	
	015	000	2	999	9	Conway	029 0000
	016	000	2			Craighead	031 0000
				013	5	Jonesboro	
				999	9	Balance of county	
	017	106	1			Crawford	033 2720
				027	6	Van Buren	
				999	9	Balance of county	
	018	185	1			Crittenden	035 4920
				029	5	West Memphis	
				999	9	Balance of county	
	019	000	2	999	9	Cross	037 0000
	020	000	2	999	9	Dallas	039 0000
	021	000	2	999	9	Desha	041 0000
	022	000	2	999	9	Drew	043 0000
	023	171	1			Faulkner	045 4400
				005	6	Conway	
				999	9	Balance of county	
	024	000	2	999	9	Franklin	047 0000
	025	000	2	999	9	Fulton	049 0000
	026	000	2			Garland	051 0000
				011	5	Hot Springs	
				999	9	Balance of county	
	027	000	2	999	9	Grant	053 0000
	028	000	2			Greene	055 0000
				018	6	Paragould	
				999	9	Balance of county	
	029	000	2			Hempstead	057 0000
				010	6	Hope	
				999	9	Balance of county	
	030	000	2			Hot Spring	059 0000
				016	6	Malvern	
				999	9	Balance of county	
	031	000	2	999	9	Howard	061 0000
	032	000	2	999	9	Independence	063 0000
	033	000	2	999	9	Izard	065 0000
	034	000	2	999	9	Jackson	067 0000
	035	227	1			Jefferson	069 6240
				019	4	Pine Bluff	
				999	9	Balance of county	
	036	000	2	999	9	Johnson	071 0000
	037	000	2	999	9	Lafayette	073 0000
	038	000	2	999	9	Lawrence	075 0000
	039	000	2	999	9	Lee	077 0000
	040	000	2	999	9	Lincoln	079 0000
	041	000	2	999	9	Little River	081 0000
	042	000	2	999	9	Logan	083 0000
	043	171	1	999	9	Lonoke	085 4400
	044	000	2	999	9	Madison	087 0000
	045	000	2	999	9	Marion	089 0000
	046	290	1			Miller	091 8360
				026	6	Texarkana	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data					FIPS Codes		
Vital Statistics Codes					St Cnty MSA		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
04					Arkansas	05	
			999	9	Balance of county		
047	000	2			Mississippi	093	0000
			003	6	Blytheville		
			999	9	Balance of county		
048	000	2	999	9	Monroe	095	0000
049	000	2	999	9	Montgomery	097	0000
050	000	2	999	9	Nevada	099	0000
051	000	2	999	9	Newton	101	0000
052	000	2			Duachita	103	0000
			004	6	Camden		
			999	9	Balance of county		
053	000	2	999	9	Perry	105	0000
054	000	2			Phillips	107	0000
			028	6	West Helena		
			999	9	Balance of county		
055	000	2	999	9	Pike	109	0000
056	000	2	999	9	Poinsett	111	0000
057	000	2	999	9	Polk	113	0000
058	000	2			Pope	115	0000
			021	6	Russellville		
			999	9	Balance of county		
059	000	2	999	9	Prairie	117	0000
060	171	1			Pulaski	119	4400
			012	5	Jacksonville		
			014	3	Little Rock		
			017	4	North Little Rock		
			023	6	Sherwood		
			999	9	Balance of county		
061	000	2	999	9	Randolph	121	0000
062	000	2			St. Francis	123	0000
			008	6	Forrest City		
			999	9	Balance of county		
063	171	1			Saline	125	4400
			002	6	Benton		
			999	9	Balance of county		
064	000	2	999	9	Scott	127	0000
065	000	2	999	9	Searcy	129	0000
066	106	1			Sebastian	131	2720
			009	4	Fort Smith		
			999	9	Balance of county		
067	000	2	999	9	Sevier	133	0000
068	000	2	999	9	Sharp	135	0000
069	000	2	999	9	Stone	137	0000
070	000	2			Union	139	0000
			006	5	El Dorado		
			999	9	Balance of county		
071	000	2	999	9	Van Buren	141	0000
072	098	1			Washington	143	2580
			007	5	Fayetteville		
			024	6	Springdale, part		
			999	9	Balance of county		
073	000	2			White	145	0000
			022	6	Searcy		
			999	9	Balance of county		
074	000	2	999	9	Woodruff	147	0000
075	000	2	999	9	Yell	149	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
	001	210	1	Alameda	001 5775
			001 4	Alameda	
			002 6	Albany	
			022 3	Berkeley	
			071 3	Fremont	
			082 4	Hayward	
			107 5	Livermore	
			141 5	Newark	
			146 2	Oakland	
			163 6	Piedmont	
			168 5	Pleasanton	
			202 4	San Leandro	
			241 5	Union City	
			999 9	Balance of county	
	002	000	2	Alpine	003 0000
	003	000	2	Amador	005 0000
	004	064	1	Butte	007 1620
			037 5	Chico	
			158 6	Paradise	
			999 9	Balance of county	
	005	000	2	Calaveras	009 0000
	006	000	2	Colusa	011 0000
	007	210	1	Contra Costa	013 5775
			005 5	Antioch	
			045 3	Concord	
			061 6	El Cerrito	
			094 6	Lafayette	
			123 6	Martinez	
			136 6	Moraga Town	
			164 6	Pinole	
			165 5	Pittsburg	
			167 5	Pleasant Hill	
			180 4	Richmond	
			207 6	San Pablo	
			248 4	Walnut Creek	
			999 9	Balance of county	
	008	000	2	Del Norte	015 0000
	009	250	1	El Dorado	017 6920
			226 6	South Lake Tahoe	
			999 9	Balance of county	
	010	110	1	Fresno	019 2840
			041 5	Clovis	
			072 3	Fresno	
			178 6	Reedley	
			199 6	Sanger	
			221 6	Selma	
			999 9	Balance of county	
	011	000	2	Glenn	021 0000
	012	000	2	Humboldt	023 0000
			007 6	Arcata	
			065 6	Eureka	
			999 9	Balance of county	
	013	000	2	Imperial	025 0000
			024 6	Brawley	
			029 6	Calexico	
			060 6	El Centro	
			999 9	Balance of county	
	014	000	2	Inyo	027 0000
	015	024	1	Kern	029 0680
			013 3	Bakersfield	
			056 6	Delano	
			181 6	Ridgecrest	
			999 9	Balance of county	
	016	000	2	Kings	031 0000
			079 6	Hanford	
			999 9	Balance of county	
	017	000	2	Lake	033 0000
	018	000	2	Lassen	035 0000
	019	174	1	Los Angeles	037 4480
			003 4	Alhambra	
			006 5	Arcadia	
			009 6	Artesia	
			012 5	Azusa	
			014 4	Baldwin Park	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes		
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05			California	06
		017 5	Bell	
		018 4	Bellflower	
		019 5	Bell Gardens	
		023 5	Beverly Hills	
		027 4	Burbank	
		034 4	Carson	
		036 4	Cerritos	
		040 5	Claremont	
		043 6	Commerce	
		044 4	Compton	
		049 5	Covina	
		050 6	Cudahy	
		051 5	Culver City	
		057 4	Downey	
		058 6	Duarte	
		062 4	El Monte	
		063 6	El Segundo	
		074 5	Gardena	
		077 3	Glendale	
		078 5	Glendora	
		080 6	Hawaiian Gardens	
		081 4	Hawthorne	
		084 6	Hermosa Beach	
		088 5	Huntington Park	
		091 4	Inglewood	
		093 6	La Canada Flintridge	
		097 4	Lakewood	
		099 5	La Mirada	
		100 5	Lancaster	
		102 5	La Puente	
		104 6	La Verne	
		105 6	Lawndale	
		110 6	Lomita	
		112 2	Long Beach	
		115 0	Los Angeles	
		118 5	Lynwood	
		120 5	Manhattan Beach	
		124 6	Maywood	
		131 5	Monrovia	
		133 4	Montebello	
		135 4	Monterey Park	
		144 4	Norwalk	
		153 6	Palmdale	
		157 6	Palos Verdes Estates	
		159 5	Paramount	
		160 3	Pasadena	
		162 4	Pico Rivera	
		169 4	Pomona	
		173 5	Rancho Palos Verdes	
		176 4	Redondo Beach	
		184 5	Rosemead	
		195 6	San Dimas	
		196 6	San Fernando	
		198 5	San Gabriel	
		205 6	San Marino	
		213 6	Santa Fe Springs	
		215 4	Santa Monica	
		222 6	Sierra Madre	
		224 6	South El Monte	
		225 4	South Gate	
		227 6	South Pasadena	
		233 5	Temple City	
		235 3	Torrance	
		250 4	West Covina	
		252 4	Whittier	
		999 9	Balance of county	
020	000	2	Madera	039 0000
		119 6	Madera	
		999 9	Balance of county	
021	261	1	Marin	041 7360
		103 6	Larkspur	
		128 6	Mill Valley	
		145 5	Novato	
		188 6	San Anselmo	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
			208 5	San Rafael	
			999 9	Balance of county	
022	000	2	999 9	Mariposa	043 0000
023	000	2		Mendocino	045 0000
			240 6	Ukiah	
			999 9	Balance of county	
024	186	1		Merced	047 4940
			011 6	Atwater	
			116 6	Los Banos	
			126 5	Merced	
			999 9	Balance of county	
025	000	2	999 9	Modoc	049 0000
026	000	2	999 9	Mono	051 0000
027	256	1		Monterey	053 7120
			122 6	Marina	
			134 5	Monterey	
			152 6	Pacific Grove	
			187 4	Salinas	
			220 5	Seaside	
			999 9	Balance of county	
028	299	1		Napa	055 8720
			139 4	Napa	
			999 9	Balance of county	
029	000	2	999 9	Nevada	057 0000
030	010	1		Orange	059 0360
			004 3	Anaheim	
			025 5	Brea	
			026 4	Buena Park	
			048 4	Costa Mesa	
			053 5	Cypress	
			070 4	Fountain Valley	
			073 3	Fullerton	
			075 3	Garden Grove	
			087 3	Huntington Beach	
			092 4	Irvine	
			095 6	Laguna Beach	
			096 5	La Habra	
			101 6	La Palma	
			113 6	Los Alamitos	
			142 4	Newport Beach	
			149 4	Orange	
			166 5	Placentia	
			193 5	San Clemente	
			201 6	San Juan Capistrano	
			209 3	Santa Ana	
			219 5	Seal Beach	
			229 6	Stanton	
			239 5	Tustin	
			251 4	Westminster	
			254 5	Yorba Linda	
			999 9	Balance of county	
031	250	1		Placer	061 6920
			185 6	Roseville	
			999 9	Balance of county	
032	000	2	999 9	Plumas	063 0000
033	245	1		Riverside	065 6780
			015 6	Banning	
			046 5	Corona	
			083 6	Hemet	
			090 6	Indio	
			143 6	Norco	
			154 6	Palm Desert	
			155 5	Palm Springs	
			182 3	Riverside	
			999 9	Balance of county	
034	250	1		Sacramento	067 6920
			067 6	Folsom	
			186 2	Sacramento	
			999 9	Balance of county	
035	000	2		San Benito	069 0000
			086 6	Hollister	
			999 9	Balance of county	
036	245	1		San Bernardino	071 6780
			016 6	Barstow	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
05			California	06	
		038 5	Chino		
		042 5	Colton		
		068 5	Fontana		
		109 6	Loma Linda		
		132 6	Montclair		
		148 4	Ontario		
		172 4	Rancho Cucamonga		
		175 5	Redlands		
		179 5	Rialto		
		189 3	San Bernardino		
		242 5	Upland		
		245 6	Victorville		
		999 9	Balance of county		
037	260	1	San Diego	073	7320
		032 5	Carlsbad		
		039 4	Chula Vista		
		047 6	Coronado		
		059 4	El Cajon		
		064 4	Escondido		
		089 6	Imperial Beach		
		098 4	La Mesa		
		106 6	Lemon Grove		
		140 5	National City		
		147 4	Oceanside		
		194 1	San Diego		
		204 6	San Marcos		
		247 5	Vista		
		999 9	Balance of county		
038	261	1	San Francisco, coext. with San Francisco city	075	7360
039	284	1	San Joaquin	077	8120
		108 5	Lodi		
		121 6	Manteca		
		230 3	Stockton		
		236 6	Tracy		
		999 9	Balance of county		
040	000	2	San Luis Obispo	079	0000
		008 6	Arroyo Grande		
		010 6	Atascadero		
		203 5	San Luis Obispo		
		999 9	Balance of county		
041	261	1	San Mateo	081	7360
		020 6	Belmont		
		028 5	Burlingame		
		054 4	Daly City		
		069 6	Foster City		
		085 6	Hillsborough		
		125 5	Menlo Park		
		127 6	Millbrae		
		151 5	Pacifica		
		177 4	Redwood City		
		190 5	San Bruno		
		192 6	San Carlos		
		206 4	San Mateo		
		228 5	South San Francisco		
		999 9	Balance of county		
042	263	1	Santa Barbara	083	7480
		033 6	Carpinteria		
		111 5	Lompoc		
		210 4	Santa Barbara		
		214 5	Santa Maria		
		999 9	Balance of county		
043	262	1	Santa Clara	085	7400
		031 5	Campbell		
		052 5	Cupertino		
		076 6	Gilroy		
		114 5	Los Altos		
		117 5	Los Gatos		
		129 5	Milpitas		
		137 6	Morgan Hill		
		138 4	Mountain View		
		156 4	Palo Alto		
		200 1	San Jose		
		211 4	Santa Clara		
		218 5	Saratoga		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
			232 3	Sunnyvale	
			999 9	Balance of county	
044	264	1		Santa Cruz	087 7485
			212 5	Santa Cruz	
			249 6	Watsonville	
			999 9	Balance of county	
045	241	1		Shasta	089 6690
			174 5	Redding	
			999 9	Balance of county	
046	000	2	999 9	Sierra	091 0000
047	000	2	999 9	Siskiyou	093 0000
048	299	1		Solano	095 8720
			021 6	Benicia	
			066 4	Fairfield	
			231 6	Suisun City	
			243 5	Vacaville	
			244 4	Vallejo	
			999 9	Balance of county	
049	266	1		Sonoma	097 7500
			161 5	Petaluma	
			183 6	Rohnert Park	
			217 4	Santa Rosa	
			999 9	Balance of county	
050	193	1		Stanislaus	099 5170
			035 6	Ceres	
			130 3	Modesto	
			238 5	Turlock	
			999 9	Balance of county	
051	319	1		Sutter	101 9340
			255 6	Yuba City	
			999 9	Balance of county	
052	000	2	999 9	Tehama	103 0000
053	000	2	999 9	Trinity	105 0000
054	303	1		Tulare	107 8780
			170 6	Porterville	
			237 6	Tulare	
			246 5	Visalia	
			999 9	Balance of county	
055	000	2	999 9	Tuolumne	109 0000
056	219	1		Ventura	111 6000
			030 5	Camarillo	
			150 3	Oxnard	
			171 6	Port Hueneme	
			191 4	San Buenaventura (Ventura)	
			216 6	Santa Paula	
			223 4	Simi Valley	
			234 4	Thousand Oaks	
			999 9	Balance of county	
057	250	1		Yolo	113 6920
			055 5	Davis	
			253 5	Woodland	
			999 9	Balance of county	
058	319	1	999 9	Yuba	115 9340

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes			
Vital Statistics Codes				St Cnty MSA			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
06				Colorado	08		
	001	082	1	Adams		001	2080
			001	Arvada, part			
			002	Aurora, part			
			004	Brighton, part			
			005	Broomfield, part			
			008	Commerce City			
			020	Northglenn			
			023	Thornton			
			024	Westminster, part			
			999	Balance of county			
	002	000	2	Alamosa		003	0000
	003	082	1	Arapahoe		005	2080
			002	Aurora, part			
			011	Englewood			
			017	Littleton, part			
			999	Balance of county			
	004	000	2	Archuleta		007	0000
	005	000	2	Baca		009	0000
	006	000	2	Bent		011	0000
	007	043	1	Boulder		013	1125
			003	Boulder			
			005	Broomfield, part			
			018	Longmont			
			999	Balance of county			
	008	000	2	Chaffee		015	0000
	009	000	2	Cheyenne		017	0000
	010	000	2	Clear Creek		019	0000
	011	000	2	Conejos		021	0000
	012	000	2	Costilla		023	0000
	013	000	2	Crowley		025	0000
	014	000	2	Custer		027	0000
	015	000	2	Delta		029	0000
	016	082	1	Denver, coext. with Denver city		031	2080
	017	000	2	Dolores		033	0000
	018	082	1	Douglas		035	2080
			017	Littleton, part			
			999	Balance of county			
	019	000	2	Eagle		037	0000
	020	000	2	Elbert		039	0000
	021	068	1	El Paso		041	1720
			007	Colorado Springs			
			999	Balance of county			
	022	000	2	Fremont		043	0000
			006	Canon City			
			999	Balance of county			
	023	000	2	Garfield		045	0000
	024	000	2	Gilpin		047	0000
	025	000	2	Grand		049	0000
	026	000	2	Gunnison		051	0000
	027	000	2	Hinsdale		053	0000
	028	000	2	Huerfano		055	0000
	029	000	2	Jackson		057	0000
	030	082	1	Jefferson		059	2080
			001	Arvada, part			
			005	Broomfield, part			
			013	Golden			
			016	Lakewood			
			024	Westminster, part			
			025	Wheat Ridge			
			999	Balance of county			
	031	000	2	Kiowa		061	0000
	032	000	2	Kit Carson		063	0000
	033	000	2	Lake		065	0000
	034	000	2	La Plata		067	0000
			010	Durango			
			999	Balance of county			
	035	102	1	Larimer		069	2670
			012	Fort Collins			
			019	Loveland			
			999	Balance of county			
	036	000	2	Las Animas		071	0000
	037	000	2	Lincoln		073	0000
	038	000	2	Logan		075	0000
			022	Sterling			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
06				Colorado	08
			999 9	Balance of county	
	039	000	2	Mesa	077 0000
			014 5	Grand Junction	
			999 9	Balance of county	
	040	000	2	Mineral	079 0000
	041	000	2	Moffat	081 0000
	042	000	2	Montezuma	083 0000
	043	000	2	Montrose	085 0000
	044	000	2	Morgan	087 0000
	045	000	2	Otero	089 0000
	046	000	2	Ouray	091 0000
	047	000	2	Park	093 0000
	048	000	2	Phillips	095 0000
	049	000	2	Pitkin	097 0000
	050	000	2	Prowers	099 0000
	051	236	1	Pueblo	101 6560
			021 3	Pueblo	
			999 9	Balance of county	
	052	000	2	Rio Blanco	103 0000
	053	000	2	Rio Grande	105 0000
	054	000	2	Routt	107 0000
	055	000	2	Saguache	109 0000
	056	000	2	San Juan	111 0000
	057	000	2	San Miguel	113 0000
	058	000	2	Sedgwick	115 0000
	059	000	2	Summit	117 0000
	060	000	2	Teller	119 0000
	061	000	2	Washington	121 0000
	062	119	1	Weid	123 3060
			004 6	Brighton, part	
			015 4	Greeley	
			999 9	Balance of county	
	063	000	2	Yuma	125 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
07				Connecticut	
	001	047	1	Fairfield	09 001 1163
			003 3	Bridgeport	
			005 4	Danbury	
			006 6	Darien town	
			011 4	Fairfield town	
			012 4	Greenwich town	
			026 4	Norwalk	
			031 5	Shelton	
			033 3	Stamford	
			034 4	Stratford town	
			036 5	Trumbull town	
			042 5	Westport town	
			999 9	Balance of county	
	002	126	1	Hartford	003 3283
			004 4	Bristol	
			008 4	East Hartford town	
			010 5	Enfield town	
			015 3	Hartford	
			016 5	Manchester town	
			021 4	New Britain	
			023 5	Newington town	
			029 6	Plainville town	
			030 6	Rocky Hill town	
			032 5	Southington town	
			040 4	West Hartford town	
			043 5	Wethersfield town	
			045 5	Windsor town	
			046 6	Windsor Locks town	
			999 9	Balance of county	
	003	000	2	Litchfield	005 0000
			035 5	Torrington	
			999 9	Balance of county	
	004	126	1	Middlesex	007 3283
			018 5	Middletown	
			999 9	Balance of county	
	005	203	1	New Haven	009 5483
			001 6	Ansonia	
			002 6	Branford town	
			007 6	Derby	
			009 5	East Haven town	
			014 4	Hamden town	
			017 4	Meriden	
			019 5	Milford	
			020 5	Naugatuck	
			022 3	New Haven	
			025 6	North Haven town	
			028 6	Orange town	
			038 5	Wallingford town	
			039 3	Waterbury	
			041 4	West Haven	
			999 9	Balance of county	
	006	204	1	New London	011 5523
			013 6	Groton	
			024 5	New London	
			027 5	Norwich	
			999 9	Balance of county	
	007	126	1	Tolland	013 3283
			037 5	Vernon town	
			999 9	Balance of county	
	008	000	2	Windham	015 0000
			044 6	Willimantic	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
08					Delaware	10	
	001	000	2		Kent		001 0000
				001 6	Dover		
				999 9	Balance of county		
	002	313	1		New Castle		003 9160
				002 5	Newark		
				003 4	Wilmington		
				999 9	Balance of county		
	003	000	2	999 9	Sussex		005 0000

Vital Statistics Geographic Code Outline

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

09 001 305 1 001 1 District of Columbia

11 001 8840

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes					
Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
10				Florida				12	
	001	112	1		Alachua			001	2900
			026	4	Gainesville				
			999	9	Balance of county				
	002	000	2	999	9	Baker		003	0000
	003	220	1		Bay			005	6015
			066	5	Panama City				
			999	9	Balance of county				
	004	112	1	999	9	Bradford		007	2900
	005	184	1		Brevard			009	4900
			010	6	Cocoa				
			011	6	Cocoa Beach				
			046	5	Melbourne				
			064	6	Palm Bay				
			076	6	Rockledge				
			089	5	Titusville				
			999	9	Balance of county				
	006	103	1		Broward			011	2680
			012	6	Cooper City				
			014	5	Coral Springs				
			015	6	Dania				
			016	6	Davie				
			018	5	Deerfield Beach				
			022	3	Fort Lauderdale				
			029	5	Hallandale, part				
			031	3	Hollywood				
			040	5	Lauderdale Lakes				
			041	5	Lauderhill				
			043	6	Lighthouse Point				
			045	5	Margate				
			050	5	Miramar				
			054	6	North Lauderdale				
			058	6	Oakland Park				
			067	5	Pembroke Pines				
			070	5	Plantation				
			072	4	Pompano Beach				
			083	5	Sunrise				
			085	5	Tamarac				
			093	6	Wilton Manors				
			999	9	Balance of county				
	007	000	2	999	9	Calhoun		013	0000
	008	000	2	999	9	Charlotte		015	0000
	009	000	2	999	9	Citrus		017	0000
	010	138	1	999	9	Clay		019	3600
	011	199	1		Collier			021	5345
			051	6	Naples				
			999	9	Balance of county				
	012	000	2	999	9	Columbia		023	0000
	013	187	1		Dade			025	5000
			013	5	Coral Gables				
			029	5	Hallandale, part				
			030	3	Hialeah				
			032	6	Homestead				
			047	2	Miami				
			048	4	Miami Beach				
			049	6	Miami Springs				
			055	5	North Miami				
			056	5	North Miami Beach				
			060	6	Opa-locka				
			082	6	South Miami				
			999	9	Balance of county				
	014	000	2	999	9	De Soto		027	0000
	015	000	2	999	9	Dixie		029	0000
	016	138	1		Duval			031	3600
			033	1	Jacksonville				
			034	6	Jacksonville Beach				
			999	9	Balance of county				
	017	223	1		Escambia			033	6080
			068	4	Pensacola				
			999	9	Balance of county				
	018	000	2	999	9	Flagler		035	0000
	019	000	2	999	9	Franklin		037	0000
	020	287	1	999	9	Gadsden		039	8240
	021	000	2	999	9	Gilchrist		041	0000
	022	000	2	999	9	Glades		043	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
10			Florida	12	
023	000	2	999 9 Gulf	045	0000
024	000	2	999 9 Hamilton	047	0000
025	000	2	999 9 Hardee	049	0000
026	000	2	999 9 Hendry	051	0000
027	288	1	999 9 Hernando	053	8280
028	000	2	999 9 Highlands	055	0000
029	288	1	999 9 Hillsborough	057	8280
			071 6 Plant City		
			086 2 Tampa		
			088 6 Temple Terrace		
			999 9 Balance of county		
030	000	2	999 9 Holmes	059	0000
031	000	2	999 9 Indian River	061	0000
			091 6 Vero Beach		
			999 9 Balance of county		
032	000	2	999 9 Jackson	063	0000
033	000	2	999 9 Jefferson	065	0000
034	000	2	999 9 Lafayette	067	0000
035	000	2	999 9 Lake	069	0000
			042 6 Leesburg		
			999 9 Balance of county		
036	104	1	999 9 Lee	071	2700
			007 5 Cape Coral		
			023 5 Fort Myers		
			999 9 Balance of county		
037	287	1	999 9 Leon	073	8240
			084 4 Tallahassee		
			999 9 Balance of county		
038	000	2	999 9 Levy	075	0000
039	000	2	999 9 Liberty	077	0000
040	000	2	999 9 Madison	079	0000
041	044	1	999 9 Manatee	081	1140
			006 5 Bradenton		
			999 9 Balance of county		
042	211	1	999 9 Marion	083	5790
			059 5 Ocala		
			999 9 Balance of county		
043	105	1	999 9 Martin	085	2710
044	000	2	999 9 Monroe	087	0000
			035 6 Key West		
			999 9 Balance of county		
045	138	1	999 9 Nassau	089	3600
046	107	1	999 9 Okaloosa	091	2750
			025 6 Fort Walton Beach		
			999 9 Balance of county		
047	000	2	999 9 Okeechobee	093	0000
048	217	1	999 9 Orange	095	5960
			061 3 Orlando		
			095 6 Winter Park		
			999 9 Balance of county		
049	217	1	999 9 Osceola	097	5960
			036 6 Kissimmee		
			999 9 Balance of county		
050	308	1	999 9 Palm Beach	099	8960
			003 6 Belle Glade		
			004 5 Boca Raton		
			005 5 Boynton Beach		
			020 5 Delray Beach		
			038 5 Lake Worth		
			057 6 North Palm Beach		
			065 6 Palm Beach Gardens		
			075 5 Riviera Beach		
			092 4 West Palm Beach		
			999 9 Balance of county		
051	288	1	999 9 Pasco	101	8280
			052 6 New Port Richey		
			999 9 Balance of county		
052	288	1	999 9 Pinellas	103	8280
			009 4 Clearwater		
			021 5 Dunedin		
			027 6 Gulfport		
			039 4 Largo		
			069 5 Pinellas Park		
			078 3 St. Petersburg		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
10				Florida	12
			087 6	Tarpon Springs	
			999 9	Balance of county	
053	159	1		Polk	105 3980
			002 6	Bartow	
			028 6	Haines City	
			037 5	Lakeland	
			094 6	Winter Haven	
			999 9	Balance of county	
054	000	2		Putnam	107 0000
			063 6	Palatka	
			999 9	Balance of county	
055	138	1		St. Johns	109 3600
			077 6	St. Augustine	
			999 9	Balance of county	
056	105	1		St. Lucie	111 2710
			024 5	Fort Pierce	
			074 6	Port St. Lucie	
			999 9	Balance of county	
057	223	1	999 9	Santa Rosa	113 6080
058	267	1		Sarasota	115 7510
			080 5	Sarasota	
			090 6	Venice	
			999 9	Balance of county	
059	217	1		Seminole	117 5960
			001 6	Altamonte Springs	
			008 6	Casselberry	
			044 6	Longwood	
			079 6	Sanford	
			096 6	Winter Springs	
			999 9	Balance of county	
060	000	2	999 9	Sumter	119 0000
061	000	2	999 9	Suwannee	121 0000
062	000	2	999 9	Taylor	123 0000
063	000	2	999 9	Union	125 0000
064	079	1		Volusia	127 2020
			017 4	Daytona Beach	
			019 6	De Land	
			053 6	New Smyrna Beach	
			062 6	Ormond Beach	
			073 6	Port Orange	
			081 6	South Daytona	
			999 9	Balance of county	
065	000	2	999 9	Wakulla	129 0000
066	000	2	999 9	Walton	131 0000
067	000	2	999 9	Washington	133 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
11				Georgia				13	
	001	000	2 999 9		Appling			001	0000
	002	000	2 999 9		Atkinson			003	0000
	003	000	2 999 9		Bacon			005	0000
	004	000	2 999 9		Baker			007	0000
	005	000	2		Baldwin			009	0000
			026 6		Milledgeville				
			999 9		Balance of county				
	006	000	2 999 9		Banks			011	0000
	007	019	1 999 9		Barrow			013	0520
	008	000	2 999 9		Bartow			015	0000
	009	000	2		Ben Hill			017	0000
			018 6		Fitzgerald, part				
			999 9		Balance of county				
	010	000	2 999 9		Berrien			019	0000
	011	178	1		Bibb			021	4680
			024 3		Macon, part				
			999 9		Balance of county				
	012	000	2 999 9		Bleckley			023	0000
	013	000	2 999 9		Brantley			025	0000
	014	000	2 999 9		Brooks			027	0000
	015	000	2 999 9		Bryan			029	0000
	016	000	2		Bulloch			031	0000
			033 6		Statesboro				
			999 9		Balance of county				
	017	000	2 999 9		Burke			033	0000
	018	019	1 999 9		Butts			035	0520
	019	000	2 999 9		Calhoun			037	0000
	020	000	2 999 9		Camden			039	0000
	021	000	2 999 9		Candler			043	0000
	022	000	2		Carroll			045	0000
			008 6		Carrollton				
			999 9		Balance of county				
	023	061	1 999 9		Catoosa			047	1560
	024	000	2 999 9		Charlton			049	0000
	025	268	1		Chatham			051	7520
			031 3		Savannah				
			999 9		Balance of county				
	026	071	1 999 9		Chattahoochee			053	1800
	027	000	2 999 9		Chattooga			055	0000
	028	019	1 999 9		Cherokee			057	0520
	029	018	1		Clarke			059	0500
			003 5		Athens				
			999 9		Balance of county				
	030	000	2 999 9		Clay			061	0000
	031	019	1		Clayton			063	0520
			009 6		College Park, part				
			019 6		Forest Park				
			999 9		Balance of county				
	032	000	2 999 9		Clinch			065	0000
	033	019	1		Cobb			067	0520
			025 5		Marietta				
			032 6		Smyrna				
			999 9		Balance of county				
	034	000	2		Coffee			069	0000
			015 6		Douglas				
			999 9		Balance of county				
	035	000	2		Colquitt			071	0000
			027 6		Moultrie				
			999 9		Balance of county				
	036	021	1 999 9		Columbia			073	0600
	037	000	2 999 9		Cook			075	0000
	038	019	1		Coweta			077	0520
			028 6		Newnan				
			999 9		Balance of county				
	039	000	2 999 9		Crawford			079	0000
	040	000	2		Crisp			081	0000
			011 6		Cordele				
			999 9		Balance of county				
	041	061	1 999 9		Dade			083	1560
	042	000	2 999 9		Dawson			085	0000
	043	000	2		Decatur			087	0000
			006 6		Bainbridge				
			999 9		Balance of county				
	044	019	1		De Kalb			089	0520
			004 2		Atlanta, part				

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State	County, City, or Country Name	St Cnty	MSA
11				Georgia		13	
			014 6		Decatur		
			999 9		Balance of county		
045	000	2	999 9		Dodge	091	0000
046	000	2	999 9		Dooley	093	0000
047	003	1			Dougherty	095	0120
			001 4		Albany		
			999 9		Balance of county		
048	019	1	999 9		Douglas	097	0520
049	000	2	999 9		Early	099	0000
050	000	2	999 9		Echols	101	0000
051	268	1	999 9		Effingham	103	7520
052	000	2	999 9		Elbert	105	0000
053	000	2	999 9		Emanuel	107	0000
054	000	2	999 9		Evans	109	0000
055	000	2	999 9		Fannin	111	0000
056	019	1	999 9		Fayette	113	0520
057	000	2			Floyd	115	0000
			029 5		Rome		
			999 9		Balance of county		
058	019	1	999 9		Forsyth	117	0520
059	000	2	999 9		Franklin	119	0000
060	019	1			Fulton	121	0520
			004 2		Atlanta, part		
			009 6		College Park, part		
			017 5		East Point		
			030 6		Roswell		
			999 9		Balance of county		
061	000	2	999 9		Gilmer	123	0000
062	000	2	999 9		Glascock	125	0000
063	000	2			Glynn	127	0000
			007 6		Brunswick		
			999 9		Balance of county		
064	000	2	999 9		Gordon	129	0000
065	000	2	999 9		Grady	131	0000
066	000	2	999 9		Greene	133	0000
067	019	1	999 9		Gwinnett	135	0520
068	000	2	999 9		Habersham	137	0000
069	000	2			Hall	139	0000
			020 6		Gainesville		
			999 9		Balance of county		
070	000	2	999 9		Hancock	141	0000
071	000	2	999 9		Haralson	143	0000
072	000	2	999 9		Harris	145	0000
073	000	2	999 9		Hart	147	0000
074	000	2	999 9		Heard	149	0000
075	019	1	999 9		Henry	151	0520
076	178	1			Houston	153	4680
			038 5		Warner Robins		
			999 9		Balance of county		
077	000	2			Irwin	155	0000
			018 6		Fitzgerald, part		
			999 9		Balance of county		
078	018	1	999 9		Jackson	157	0500
079	000	2	999 9		Jasper	159	0000
080	000	2	999 9		Jeff Davis	161	0000
081	000	2	999 9		Jefferson	163	0000
082	000	2	999 9		Jenkins	165	0000
083	000	2	999 9		Johnson	167	0000
084	178	1			Jones	169	4680
			024 3		Macon, part		
			999 9		Balance of county		
085	000	2	999 9		Lamar	171	0000
086	000	2	999 9		Lanier	173	0000
087	000	2			Laurens	175	0000
			016 6		Dublin		
			999 9		Balance of county		
088	003	1	999 9		Lee	177	0120
089	000	2			Liberty	179	0000
			022 6		Hinesville		
			999 9		Balance of county		
090	000	2	999 9		Lincoln	181	0000
091	000	2	999 9		Long	183	0000
092	000	2			Lowndes	185	0000
			036 5		Valdosta		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
11				Georgia	13
			999 9	Balance of county	
093	000	2	999 9	Lumpkin	187 0000
094	021	1	999 9	McDuffie	189 0600
095	000	2	999 9	McIntosh	191 0000
096	000	2	999 9	Macon	193 0000
097	018	1	999 9	Madison	195 0500
098	000	2	999 9	Marion	197 0000
099	000	2	999 9	Meriwether	199 0000
100	000	2	999 9	Miller	201 0000
101	000	2	999 9	Mitchell	205 0000
102	000	2	999 9	Monroe	207 0000
103	000	2		Montgomery	209 0000
			037 6	Vidalia, part	
			999 9	Balance of county	
104	000	2	999 9	Morgan	211 0000
105	000	2	999 9	Murray	213 0000
106	071	1		Muscogee	215 1800
			010 3	Columbus	
			999 9	Balance of county	
107	019	1		Newton	217 0520
			012 6	Covington	
			999 9	Balance of county	
108	018	1	999 9	Oconee	219 0500
109	000	2	999 9	Oglethorpe	221 0000
110	019	1	999 9	Paulding	223 0520
111	178	1	999 9	Peach	225 4680
112	000	2	999 9	Pickens	227 0000
113	000	2	999 9	Pierce	229 0000
114	000	2	999 9	Pike	231 0000
115	000	2	999 9	Polk	233 0000
116	000	2	999 9	Pulaski	235 0000
117	000	2	999 9	Putnam	237 0000
118	000	2	999 9	Quitman	239 0000
119	000	2	999 9	Rabun	241 0000
120	000	2	999 9	Randolph	243 0000
121	021	1		Richmond	245 0600
			005 5	Augusta	
			999 9	Balance of county	
122	019	1	999 9	Rockdale	247 0520
123	000	2	999 9	Schley	249 0000
124	000	2	999 9	Screven	251 0000
125	000	2	999 9	Seminole	253 0000
126	019	1		Spalding	255 0520
			021 6	Griffin	
			999 9	Balance of county	
127	000	2	999 9	Stephens	257 0000
128	000	2	999 9	Stewart	259 0000
129	000	2		Sumter	261 0000
			002 6	Americus	
			999 9	Balance of county	
130	000	2	999 9	Talbot	263 0000
131	000	2	999 9	Taliaferro	265 0000
132	000	2	999 9	Tattnall	267 0000
133	000	2	999 9	Taylor	269 0000
134	000	2	999 9	Telfair	271 0000
135	000	2	999 9	Terrell	273 0000
136	000	2		Thomas	275 0000
			034 6	Thomasville	
			999 9	Balance of county	
137	000	2		Tift	277 0000
			035 6	Tifton	
			999 9	Balance of county	
138	000	2		Toombs	279 0000
			037 6	Vidalia, part	
			999 9	Balance of county	
139	000	2	999 9	Towns	281 0000
140	000	2	999 9	Treutlen	283 0000
141	000	2		Troup	285 0000
			023 6	La Grange	
			999 9	Balance of county	
142	000	2	999 9	Turner	287 0000
143	000	2	999 9	Twiggs	289 0000
144	000	2	999 9	Union	291 0000
145	000	2	999 9	Upson	293 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
11					Georgia	13	
	146	061	1	999	9 Walker	295	1560
	147	019	1	999	9 Walton	297	0520
	148	000	2		Ware	299	0000
				039	6 Waycross		
				999	9 Balance of county		
	149	000	2	999	9 Warren	301	0000
	150	000	2	999	9 Washington	303	0000
	151	000	2	999	9 Wayne	305	0000
	152	000	2	999	9 Webster	307	0000
	153	000	2	999	9 Wheeler	309	0000
	154	000	2	999	9 White	311	0000
	155	000	2		Whitfield	313	0000
				013	6 Dalton		
				999	9 Balance of county		
	156	000	2	999	9 Wilcox	315	0000
	157	000	2	999	9 Wilkes	317	0000
	158	000	2	999	9 Wilkinson	319	0000
	159	000	2	999	9 Worth	321	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
12				Hawaii	15
	001	000	2	Hawaii	001 0000
			003 5	Hilo	
			999 9	Balance of county	
	002	128	1	Honolulu	003 3320
			001 5	Aiea	
			002 6	Ewa Beach	
			004 2	Honolulu	
			006 5	Kailua	
			007 5	Kaneohe	
			008 6	Mililani Town	
			009 6	Mokapu	
			010 5	Pearl City	
			011 6	Schofield Barracks	
			012 6	Wahiawa	
			014 5	Waipahu	
			999 9	Balance of county	
	003	000	2	Kalawao	005 0000
	004	000	2	Kauai	007 0000
	005	000	2	Mau	009 0000
			005 6	Kahului	
			013 6	Wailuku	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
13				Idaho	16
	001	041	1	Ada	001 1080
			002 3	Boise City	
			999 9	Balance of county	
	002	000	2	Adams	003 0000
	003	000	2	Bannock	005 0000
			009 5	Pocatello	
			999 9	Balance of county	
	004	000	2	Bear Lake	007 0000
	005	000	2	Benewah	009 0000
	006	000	2	Bingham	011 0000
			001 6	Blackfoot	
			999 9	Balance of county	
	007	000	2	Blaine	013 0000
	008	000	2	Boise	015 0000
	009	000	2	Bonner	017 0000
	010	000	2	Bonneville	019 0000
			005 5	Idaho Falls	
			999 9	Balance of county	
	011	000	2	Boundary	021 0000
	012	000	2	Butte	023 0000
	013	000	2	Camas	025 0000
	014	000	2	Canyon	027 0000
			003 6	Caldwell	
			008 5	Nampa	
			999 9	Balance of county	
	015	000	2	Caribou	029 0000
	016	000	2	Cassia	031 0000
	017	000	2	Clark	033 0000
	018	000	2	Clearwater	035 0000
	019	000	2	Custer	037 0000
	020	000	2	Elmore	039 0000
	021	000	2	Franklin	041 0000
	022	000	2	Fremont	043 0000
	023	000	2	Gem	045 0000
	024	000	2	Gooding	047 0000
	025	000	2	Idaho	049 0000
	026	000	2	Jefferson	051 0000
	027	000	2	Jerome	053 0000
	028	000	2	Kootenai	055 0000
			004 6	Coeur d'Alene	
			999 9	Balance of county	
	029	000	2	Latah	057 0000
			007 6	Moscow	
			999 9	Balance of county	
	030	000	2	Lemhi	059 0000
	031	000	2	Lewis	061 0000
	032	000	2	Lincoln	063 0000
	033	000	2	Madison	065 0000
			010 6	Rexburg	
			999 9	Balance of county	
	034	000	2	Minidoka	067 0000
	035	000	2	Nez Perce	069 0000
			006 5	Lewiston	
			999 9	Balance of county	
	036	000	2	Oneida	071 0000
	037	000	2	Owyhee	073 0000
	038	000	2	Payette	075 0000
	039	000	2	Power	077 0000
	040	000	2	Shoshone	079 0000
	041	000	2	Teton	081 0000
	042	000	2	Twin Falls	083 0000
			011 5	Twin Falls	
			999 9	Balance of county	
	043	000	2	Valley	085 0000
	044	000	2	Washington	087 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data						FIPS Codes	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
14					Illinois	17	
	001	000	2		Adams	001	0000
			135	5	Quincy		
			999	9	Balance of county		
	002	000	2	999	Alexander	003	0000
	003	000	2	999	Bond	005	0000
	004	249	1		Boone	007	6880
			010	6	Belvidere		
			999	9	Balance of county		
	005	000	2	999	Brown	009	0000
	006	000	2	999	Bureau	011	0000
	007	000	2	999	Calhoun	013	0000
	008	000	2	999	Carroll	015	0000
	009	000	2	999	Cass	017	0000
	010	056	1		Champaign	019	1400
			030	4	Champaign		
			136	6	Rantoul		
			160	5	Urbana		
			999	9	Balance of county		
	011	000	2		Christian	021	0000
			158	6	Taylorville		
			999	9	Balance of county		
	012	000	2	999	Clark	023	0000
	013	000	2	999	Clay	025	0000
	014	254	1		Clinton	027	7040
			029	6	Centralia, part		
			999	9	Balance of county		
	015	000	2		Coles	029	0000
			031	6	Charleston		
			101	6	Mattoon		
			999	9	Balance of county		
	016	063	1		Cook	031	1600
			002	6	Alsip		
			004	4	Arlington Heights, part		
			006	6	Bartlett, part		
			009	6	Bellwood		
			011	6	Bensenville, part		
			012	5	Berwyn		
			015	6	Blue Island		
			019	6	Bridgeview		
			020	6	Brookfield		
			021	6	Buffalo Grove, part		
			022	5	Burbank		
			024	5	Calumet City		
			032	0	Chicago, part		
			033	5	Chicago Heights		
			034	6	Chicago Ridge		
			035	4	Cicero		
			037	6	Country Club Hills		
			038	6	Crestwood		
			043	6	Deerfield, part		
			045	4	Des Plaines		
			047	6	Dolton		
			054	4	Elgin, part		
			055	5	Elk Grove Village, part		
			057	6	Elmwood Park		
			058	4	Evanston		
			059	6	Evergreen Park		
			061	6	Forest Park		
			062	6	Franklin Park		
			067	5	Glenview		
			068	6	Glenwood		
			070	5	Hanover Park, part		
			072	5	Harvey		
			073	6	Hazel Crest		
			075	6	Hickory Hills		
			077	6	Hinsdale, part		
			078	5	Hoffman Estates		
			079	6	Homewood		
			082	6	Justice		
			085	6	La Grange		
			086	6	La Grange Park		
			088	5	Lansing		
			092	6	Lincolnwood		
			099	6	Markham		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes FIPS Codes
 St Cnty MSA M/NM City P/S State, County, City, or Country Name St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
14					Illinois	17	
			100	6	Matteson		
			102	5	Maywood		
			103	6	Melrose Park		
			104	6	Midlothian		
			108	6	Morton Grove		
			109	4	Mount Prospect		
			113	5	Niles		
			115	6	Norridge		
			116	5	Northbrook		
			118	6	Northlake		
			119	5	Oak Forest		
			120	4	Oak Lawn		
			121	4	Oak Park		
			123	6	Orland Park		
			125	5	Palatine		
			126	6	Palos Heights		
			127	6	Palos Hills		
			128	5	Park Forest, part		
			129	5	Park Ridge		
			134	6	Prospect Heights		
			137	6	Riverdale		
			138	6	River Forest		
			139	6	River Grove		
			143	6	Rolling Meadows		
			145	6	Roselle, part		
			148	6	Sauk Village		
			149	4	Schaumburg, part		
			150	6	Schiller Park		
			151	4	Skokie		
			152	6	South Holland		
			155	6	Streamwood		
			157	6	Summit		
			159	5	Tinley Park, part		
			164	6	Westchester		
			166	6	Western Springs		
			169	6	Wheeling, part		
			170	5	Wilmette		
			171	6	Winnetka		
			176	6	Worth		
			999	9	Balance of county		
017	000	2	999	9	Crawford	033	0000
018	000	2	999	9	Cumberland	035	0000
019	000	2			De Kalb	037	0000
			044	5	De Kalb		
			999	9	Balance of county		
020	000	2	999	9	De Witt	039	0000
021	000	2	999	9	Douglas	041	0000
022	063	1			Du Page	043	1600
			001	5	Addison		
			005	4	Aurora, part		
			006	6	Bartlett, part		
			007	6	Batavia, part		
			011	6	Bensenville, part		
			013	6	Bloomington		
			016	5	Bolingbrook, part		
			027	6	Carol Stream		
			032	0	Chicago, part		
			041	6	Darien		
			048	5	Downers Grove		
			055	5	Elk Grove Village, part		
			056	5	Elmhurst		
			065	6	Glendale Heights		
			066	6	Glen Ellyn		
			070	5	Hanover Park, part		
			077	6	Hinsdale, part		
			093	6	Lisle		
			094	5	Lombard		
			112	5	Naperville, part		
			145	6	Roselle, part		
			147	6	St. Charles, part		
			149	4	Schaumburg, part		
			161	6	Villa Park		
			165	6	West Chicago		
			167	6	Westmont		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
14				Illinois	17
			168 5	Wheaton	
			172 6	Wood Dale	
			173 6	Woodridge	
			999 9	Balance of county	
023	000	2	999 9	Edgar	045 0000
024	000	2	999 9	Edwards	047 0000
025	000	2		Effingham	049 0000
			053 6	Effingham	
			999 9	Balance of county	
026	000	2	999 9	Fayette	051 0000
027	000	2	999 9	Ford	053 0000
028	000	2	999 9	Franklin	055 0000
029	000	2		Fulton	057 0000
			025 6	Canton	
			999 9	Balance of county	
030	000	2	999 9	Gallatin	059 0000
031	000	2	999 9	Greene	061 0000
032	145	1	999 9	Grundy	063 3690
033	000	2	999 9	Hamilton	065 0000
034	000	2	999 9	Hancock	067 0000
035	000	2	999 9	Hardin	069 0000
036	000	2	999 9	Henderson	071 0000
037	077	1		Henry	073 1960
			084 6	Kewanee	
			999 9	Balance of county	
038	000	2	999 9	Iroquois	075 0000
039	000	2		Jackson	077 0000
			026 5	Carbondale	
			999 9	Balance of county	
040	000	2	999 9	Jasper	079 0000
041	000	2		Jefferson	081 0000
			110 6	Mount Vernon	
			999 9	Balance of county	
042	254	1	999 9	Jersey	083 7040
043	000	2	999 9	Jo Daviess	085 0000
044	000	2	999 9	Johnson	087 0000
045	022	1		Kane	089 0620
			005 4	Aurora, part	
			007 6	Batavia, part	
			028 6	Carpentersville	
			054 4	Elgin, part	
			147 6	St. Charles, part	
			999 9	Balance of county	
046	148	1		Kankakee	091 3740
			017 6	Bourbonnais	
			018 6	Bradley	
			083 5	Kankakee	
			999 9	Balance of county	
047	022	1	999 9	Kendall	093 0620
048	000	2		Knox	095 0000
			064 5	Galesburg	
			999 9	Balance of county	
049	158	1		Lake	097 3965
			004 4	Arlington Heights, part	
			021 6	Buffalo Grove, part	
			043 6	Deerfield, part	
			076 5	Highland Park	
			087 6	Lake Forest	
			090 6	Libertyville	
			111 6	Mundelein	
			117 5	North Chicago	
			146 6	Round Lake Beach	
			163 4	Waukegan	
			169 6	Wheeling, part	
			177 6	Zion	
			999 9	Balance of county	
050	000	2		La Salle	099 0000
			089 6	La Salle	
			124 6	Ottawa	
			132 6	Peru	
			156 6	Streator, part	
			999 9	Balance of county	
051	000	2	999 9	Lawrence	101 0000
052	000	2		Lee	103 0000
			046 6	Dixon	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
14				Illinois	17
			999 9	Balance of county	
053	000	2		Livingston	105 0000
			133 6	Pontiac	
			156 6	Streator, part	
			999 9	Balance of county	
054	000	2		Logan	107 0000
			091 6	Lincoln	
			999 9	Balance of county	
055	000	2		McDonough	109 0000
			097 6	Macomb	
			999 9	Balance of county	
056	063	1		McHenry	111 1600
			039 6	Crystal Lake	
			096 6	McHenry	
			175 6	Woodstock	
			999 9	Balance of county	
057	040	1		McLean	113 1040
			014 5	Bloomington	
			114 5	Normal	
			999 9	Balance of county	
058	081	1		Macon	115 2040
			042 4	Decatur	
			999 9	Balance of county	
059	000	2	999 9	Macoupin	117 0000
060	254	1		Madison	119 7040
			003 5	Alton	
			036 6	Collinsville, part	
			052 6	Edwardsville	
			069 5	Granite City	
			174 6	Wood River	
			999 9	Balance of county	
061	000	2		Marion	121 0000
			029 6	Centralia, part	
			999 9	Balance of county	
062	000	2	999 9	Marshall	123 0000
063	000	2	999 9	Mason	125 0000
064	000	2	999 9	Massac	127 0000
065	279	1	999 9	Menard	129 7880
066	000	2	999 9	Mercer	131 0000
067	254	1	999 9	Monroe	133 7040
068	000	2	999 9	Montgomery	135 0000
069	000	2		Morgan	137 0000
			080 6	Jacksonville	
			999 9	Balance of county	
070	000	2	999 9	Moultrie	139 0000
071	000	2	999 9	Ogle	141 0000
072	224	1		Peoria	143 6120
			130 5	Pekin, part	
			131 3	Peoria	
			999 9	Balance of county	
073	000	2	999 9	Perry	145 0000
074	000	2	999 9	Piatt	147 0000
075	000	2	999 9	Pike	149 0000
076	000	2	999 9	Pope	151 0000
077	000	2	999 9	Pulaski	153 0000
078	000	2	999 9	Putnam	155 0000
079	000	2	999 9	Randolph	157 0000
080	000	2	999 9	Richland	159 0000
081	077	1		Rock Island	161 1960
			049 6	East Moline	
			105 5	Moline	
			142 5	Rock Island	
			999 9	Balance of county	
082	254	1		St. Clair	163 7040
			008 5	Belleville	
			023 6	Cahokia	
			036 6	Collinsville, part	
			051 4	East St. Louis	
			060 6	Fairview Heights	
			122 6	O'Fallon	
			999 9	Balance of county	
083	000	2		Saline	165 0000
			071 6	Harrisburg	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
14					Illinois	17	
	084	279	1		Sangamon		167 7880
				153 3	Springfield		
				999 9	Balance of county		
	085	000	2	999 9	Schuyler		169 0000
	086	000	2	999 9	Scott		171 0000
	087	000	2	999 9	Shelby		173 0000
	088	000	2	999 9	Stark		175 0000
	089	000	2		Stephenson		177 0000
				063 5	Freeport		
				999 9	Balance of county		
	090	224	1		Tazewell		179 6120
				050 6	East Peoria		
				107 6	Morton		
				130 5	Pekin, part		
				162 6	Washington		
				999 9	Balance of county		
	091	000	2	999 9	Union		181 0000
	092	000	2		Vermillion		183 0000
				040 5	Danville		
				999 9	Balance of county		
	093	000	2	999 9	Wabash		185 0000
	094	000	2		Warren		187 0000
				106 6	Monmouth		
				999 9	Balance of county		
	095	000	2	999 9	Washington		189 0000
	096	000	2	999 9	Wayne		191 0000
	097	000	2	999 9	White		193 0000
	098	000	2		Whiteside		195 0000
				140 6	Rock Falls		
				154 6	Sterling		
				999 9	Balance of county		
	099	145	1		Will		197 3690
				016 5	Bolingbrook, part		
				081 4	Joliet		
				112 5	Naperville, part		
				128 5	Park Forest, part		
				144 6	Romeoville		
				159 5	Tinley Park, part		
				999 9	Balance of county		
	100	000	2		Williamson		199 0000
				074 6	Herrin		
				098 6	Marion		
				999 9	Balance of county		
	101	249	1		Winnebago		201 6880
				095 6	Loves Park		
				141 3	Rockford		
				999 9	Balance of county		
	102	224	1	999 9	Woodford		203 6120

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
15					Indiana	18	
	001	000	2	999	9 Adams	001	0000
	002	108	1		Allen	003	2760
				015	3 Fort Wayne		
				999	9 Balance of county		
	003	000	2		Bartholomew	005	0000
				007	5 Columbus		
				999	9 Balance of county		
	004	000	2	999	9 Benton	007	0000
	005	000	2	999	9 Blackford	009	0000
	006	133	1		Boone	011	3480
				034	6 Lebanon		
				999	9 Balance of county		
	007	000	2	999	9 Brown	013	0000
	008	000	2	999	9 Carroll	015	0000
	009	000	2		Cass	017	0000
				035	6 Logansport		
				999	9 Balance of county		
	010	175	1		Clark	019	4520
				006	6 Clarksville		
				028	6 Jeffersonville		
				999	9 Balance of county		
	011	289	1	999	9 Clay	021	8320
	012	000	2		Clinton	023	0000
				016	6 Frankfort		
				999	9 Balance of county		
	013	000	2	999	9 Crawford	025	0000
	014	000	2		Daviess	027	0000
				060	6 Washington		
				999	9 Balance of county		
	015	065	1	999	9 Dearborn	029	1640
	016	000	2	999	9 Decatur	031	0000
	017	108	1	999	9 De Kalb	033	2760
	018	197	1		Delaware	035	5280
				042	4 Muncie		
				999	9 Balance of county		
	019	000	2	999	9 Dubois	037	0000
	020	090	1		Elkhart	039	2330
				012	5 Elkhart		
				019	6 Goshen		
				999	9 Balance of county		
	021	000	2		Fayette	041	0000
				008	6 Connersville		
				999	9 Balance of county		
	022	175	1		Floyd	043	4520
				044	5 New Albany		
				999	9 Balance of county		
	023	000	2	999	9 Fountain	045	0000
	024	000	2	999	9 Franklin	047	0000
	025	000	2	999	9 Fulton	049	0000
	026	000	2	999	9 Gibson	051	0000
	027	000	2		Grant	053	0000
				037	5 Marion		
				999	9 Balance of county		
	028	000	2	999	9 Greene	055	0000
	029	133	1		Hamilton	057	3480
				005	6 Carmel		
				046	6 Noblesville		
				999	9 Balance of county		
	030	133	1		Hancock	059	3480
				020	6 Greenfield		
				999	9 Balance of county		
	031	175	1	999	9 Harrison	061	4520
	032	133	1	999	9 Hendricks	063	3480
	033	000	2		Henry	065	0000
				045	6 New Castle		
				999	9 Balance of county		
	034	153	1		Howard	067	3850
				029	5 Kokomo		
				999	9 Balance of county		
	035	000	2		Huntington	069	0000
				026	6 Huntington		
				999	9 Balance of county		
	036	000	2		Jackson	071	0000
				051	6 Seymour		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
15					Indiana	18	
			999	9	Balance of county		
	037	000	2	999	Jasper	073	0000
	038	000	2	999	Jay	075	0000
	039	000	2		Jefferson	077	0000
			036	6	Madison		
			999	9	Balance of county		
	040	000	2	999	Jennings	079	0000
	041	133	1		Johnson	081	3480
			017	6	Franklin		
			021	6	Greenwood		
			999	9	Balance of county		
	042	000	2		Knox	083	0000
			057	6	Vincennes		
			999	9	Balance of county		
	043	000	2		Kosciusko	085	0000
			059	6	Warsaw		
			999	9	Balance of county		
	044	000	2	999	Lagrange	087	0000
	045	114	1		Lake	089	2960
			010	6	Crown Point		
			011	5	East Chicago		
			018	3	Gary		
			022	6	Griffith		
			023	4	Hammond		
			024	5	Highland		
			025	6	Hobart		
			031	6	Lake Station		
			039	5	Merrillville		
			043	6	Munster		
			050	6	Schererville		
			999	9	Balance of county		
	046	000	2		La Porte	091	0000
			032	6	La Porte		
			040	5	Michigan City		
			999	9	Balance of county		
	047	000	2		Lawrence	093	0000
			002	6	Bedford		
			999	9	Balance of county		
	048	012	1		Madison	095	0400
			001	4	Anderson		
			013	6	Elwood, part		
			999	9	Balance of county		
	049	133	1		Marion	097	3480
			003	6	Beech Grove		
			027	1	Indianapolis		
			033	5	Lawrence		
			054	6	Speedway		
			999	9	Balance of county		
	050	000	2	999	Marshall	099	0000
	051	000	2	999	Martin	101	0000
	052	000	2		Miami	103	0000
			047	6	Peru		
			999	9	Balance of county		
	053	039	1		Monroe	105	1020
			004	4	Bloomington		
			999	9	Balance of county		
	054	000	2		Montgomery	107	0000
			009	6	Crawfordsville		
			999	9	Balance of county		
	055	133	1		Morgan	109	3480
			038	6	Martinsville		
			999	9	Balance of county		
	056	000	2	999	Newton	111	0000
	057	000	2	999	Noble	113	0000
	058	000	2	999	Ohio	115	0000
	059	000	2	999	Orange	117	0000
	060	000	2	999	Owen	119	0000
	061	000	2	999	Parke	121	0000
	062	000	2	999	Perry	123	0000
	063	000	2	999	Pike	125	0000
	064	114	1		Porter	127	2960
			048	5	Portage		
			056	6	Valparaiso		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
15					Indiana	18	
	065	095	1	999 9	Posey	129	2440
	066	000	2	999 9	Pulaski	131	0000
	067	000	2	999 9	Putnam	133	0000
	068	000	2	999 9	Randolph	135	0000
	069	000	2	999 9	Ripley	137	0000
	070	000	2	999 9	Rush	139	0000
	071	277	1		St. Joseph	141	7800
				041 5	Mishawaka		
				053 3	South Bend		
				999 9	Balance of county		
	072	000	2	999 9	Scott	143	0000
	073	133	1		Shelby	145	3480
				052 6	Shelbyville		
				999 9	Balance of county		
	074	000	2	999 9	Spencer	147	0000
	075	000	2	999 9	Starke	149	0000
	076	000	2	999 9	Steuben	151	0000
	077	000	2	999 9	Sullivan	153	0000
	078	000	2	999 9	Switzerland	155	0000
	079	156	1		Tiptecanoe	157	3920
				030 5	Lafayette		
				061 6	West Lafayette		
				999 9	Balance of county		
	080	153	1		Tipton	159	3850
				013 6	Elwood, part		
				999 9	Balance of county		
	081	000	2	999 9	Union	161	0000
	082	095	1		Vanderburgh	163	2440
				014 3	Evansville		
				999 9	Balance of county		
	083	000	2	999 9	Vermillion	165	0000
	084	289	1		Vigo	167	8320
				055 4	Terre Haute		
				999 9	Balance of county		
	085	000	2		Wabash	169	0000
				058 6	Wabash		
				999 9	Balance of county		
	086	000	2	999 9	Warren	171	0000
	087	095	1	999 9	Warrick	173	2440
	088	000	2	999 9	Washington	175	0000
	089	000	2		Wayne	177	0000
				049 5	Richmond		
				999 9	Balance of county		
	090	000	2	999 9	Wells	179	0000
	091	000	2	999 9	White	181	0000
	092	108	1	999 9	Whitley	183	2760

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					FIPS Codes	
Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
16					Iowa	19
	001	000	2	999	9 Adair	001 0000
	002	000	2	999	9 Adams	003 0000
	003	000	2	999	9 Allamakee	005 0000
	004	000	2	999	9 Appanoose	007 0000
	005	000	2	999	9 Audubon	009 0000
	006	000	2	999	9 Benton	011 0000
	007	306	1		Black Hawk	013 8920
				006	5 Cedar Falls	
				028	4 Waterloo	
				999	9 Balance of county	
	008	000	2		Boone	015 0000
				004	6 Boone	
				999	9 Balance of county	
	009	306	1	999	9 Bremer	017 8920
	010	000	2	999	9 Buchanan	019 0000
	011	000	2	999	9 Buena Vista	021 0000
	012	000	2	999	9 Butler	023 0000
	013	000	2	999	9 Calhoun	025 0000
	014	000	2	999	9 Carroll	027 0000
	015	000	2	999	9 Cass	029 0000
	016	000	2	999	9 Cedar	031 0000
	017	000	2		Cerro Gordo	033 0000
				020	5 Mason City	
				999	9 Balance of county	
	018	000	2	999	9 Cherokee	035 0000
	019	000	2	999	9 Chickasaw	037 0000
	020	000	2	999	9 Clarke	039 0000
	021	000	2		Clay	041 0000
				026	6 Spencer	
				999	9 Balance of county	
	022	000	2	999	9 Clayton	043 0000
	023	000	2		Clinton	045 0000
				008	5 Clinton	
				999	9 Balance of county	
	024	000	2	999	9 Crawford	047 0000
	025	083	1	999	9 Dallas	049 2120
	026	000	2	999	9 Davis	051 0000
	027	000	2	999	9 Decatur	053 0000
	028	000	2	999	9 Delaware	055 0000
	029	000	2		Des Moines	057 0000
				005	5 Burlington	
				999	9 Balance of county	
	030	000	2	999	9 Dickinson	059 0000
	031	086	1		Dubuque	061 2200
				012	4 Dubuque	
				999	9 Balance of county	
	032	000	2	999	9 Emmet	063 0000
	033	000	2	999	9 Fayette	065 0000
	034	000	2	999	9 Floyd	067 0000
	035	000	2	999	9 Franklin	069 0000
	036	000	2	999	9 Fremont	071 0000
	037	000	2	999	9 Greene	073 0000
	038	000	2	999	9 Grundy	075 0000
	039	000	2	999	9 Guthrie	077 0000
	040	000	2	999	9 Hamilton	079 0000
	041	000	2	999	9 Hancock	081 0000
	042	000	2	999	9 Hardin	083 0000
	043	000	2	999	9 Harrison	085 0000
	044	000	2	999	9 Henry	087 0000
	045	000	2	999	9 Howard	089 0000
	046	000	2	999	9 Humboldt	091 0000
	047	000	2	999	9 Ida	093 0000
	048	000	2	999	9 Iowa	095 0000
	049	000	2	999	9 Jackson	097 0000
	050	000	2		Jasper	099 0000
				022	6 Newton	
				999	9 Balance of county	
	051	000	2	999	9 Jefferson	101 0000
	052	134	1		Johnson	103 3500
				016	4 Iowa City	
				999	9 Balance of county	
	053	000	2	999	9 Jones	105 0000
	054	000	2	999	9 Keokuk	107 0000
	055	000	2	999	9 Kossuth	109 0000

MSA Codes Effective With 1990 Data				All Other Codes Effective With 1982 Data.					
Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
16				Iowa				19	
	056	000	2		Lee			111	0000
					014	6	Fort Madison		
					017	6	Keokuk		
					999	9	Balance of county		
	057	055	1		Linn			113	1360
					007	3	Cedar Rapids		
					018	6	Marion		
					999	9	Balance of county		
	058	000	2		999	9	Louisa	115	0000
	059	000	2		999	9	Lucas	117	0000
	060	000	2		999	9	Lyon	119	0000
	061	000	2		999	9	Madison	121	0000
	062	000	2				Mahaska	123	0000
					023	6	Oskaloosa		
					999	9	Balance of county		
	063	000	2		999	9	Marion	125	0000
	064	000	2				Marshall	127	0000
					019	5	Marshalltown		
					999	9	Balance of county		
	065	000	2		999	9	Mills	129	0000
	066	000	2		999	9	Mitchell	131	0000
	067	000	2		999	9	Monona	133	0000
	068	000	2		999	9	Monroe	135	0000
	069	000	2		999	9	Montgomery	137	0000
	070	000	2				Muscatine	139	0000
					021	6	Muscatine		
					999	9	Balance of county		
	071	000	2		999	9	O'Brien	141	0000
	072	000	2		999	9	Osceola	143	0000
	073	000	2		999	9	Page	145	0000
	074	000	2		999	9	Palo Alto	147	0000
	075	000	2		999	9	Plymouth	149	0000
	076	000	2		999	9	Pocahontas	151	0000
	077	083	1				Polk	153	2120
					002	6	Ankeny		
					011	3	Des Moines		
					027	6	Urbandale		
					029	6	West Des Moines		
					999	9	Balance of county		
	078	215	1		Pottawattamie			155	5920
					009	4	Council Bluffs		
					999	9	Balance of county		
	079	000	2		999	9	Poweshiek	157	0000
	080	000	2		999	9	Ringgold	159	0000
	081	000	2		999	9	Sac	161	0000
	082	077	1				Scott	163	1960
					003	5	Bettendorf		
					010	3	Davenport		
					999	9	Balance of county		
	083	000	2		999	9	Shelby	165	0000
	084	000	2		999	9	Sioux	167	0000
	085	000	2				Story	169	0000
					001	5	Ames		
					999	9	Balance of county		
	086	000	2		999	9	Tama	171	0000
	087	000	2		999	9	Taylor	173	0000
	088	000	2		999	9	Union	175	0000
	089	000	2		999	9	Van Buren	177	0000
	090	000	2				Wapello	179	0000
					024	5	Ottumwa		
					999	9	Balance of county		
	091	083	1		Warren			181	2120
					015	6	Indianola		
					999	9	Balance of county		
	092	000	2		999	9	Washington	183	0000
	093	000	2		999	9	Wayne	185	0000
	094	000	2				Webster	187	0000
					013	5	Fort Dodge		
					999	9	Balance of county		
	095	000	2		999	9	Winnebago	189	0000
	096	000	2		999	9	Winneshiek	191	0000
	097	275	1				Woodbury	193	7720
					025	4	Sioux City		
					999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country	Name	MSA
16					Iowa		19
	098	000	2	999 9	Worth		195 0000
	099	000	2	999 9	Wright		197 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
17				Kansas				20	
	001	000	2	999	9		Allen	001	0000
	002	000	2	999	9		Anderson	003	0000
	003	000	2				Atchison	005	0000
				002	6		Atchison		
				999	9		Balance of county		
	004	000	2	999	9		Barber	007	0000
	005	000	2				Barton	009	0000
				009	6		Great Bend		
				999	9		Balance of county		
	006	000	2	999	9		Bourbon	011	0000
	007	000	2	999	9		Brown	013	0000
	008	310	1				Butler	015	9040
				006	6		El Dorado		
				999	9		Balance of county		
	009	000	2	999	9		Chase	017	0000
	010	000	2	999	9		Chautauqua	019	0000
	011	000	2	999	9		Cherokee	021	0000
	012	000	2	999	9		Cheyenne	023	0000
	013	000	2	999	9		Clark	025	0000
	014	000	2	999	9		Clay	027	0000
	015	000	2	999	9		Cloud	029	0000
	016	000	2	999	9		Coffey	031	0000
	017	000	2	999	9		Comanche	033	0000
	018	000	2				Cowley	035	0000
				001	6		Arkansas City		
				034	6		Winfield		
				999	9		Balance of county		
	019	000	2				Crawford	037	0000
				028	6		Pittsburg		
				999	9		Balance of county		
	020	000	2	999	9		Decatur	039	0000
	021	000	2	999	9		Dickinson	041	0000
	022	000	2	999	9		Doniphan	043	0000
	023	165	1				Douglas	045	4150
				015	4		Lawrence		
				999	9		Balance of county		
	024	000	2	999	9		Edwards	047	0000
	025	000	2	999	9		Elk	049	0000
	026	000	2				Ellis	051	0000
				010	6		Hays		
				999	9		Balance of county		
	027	000	2	999	9		Ellsworth	053	0000
	028	000	2				Finney	055	0000
				008	6		Garden City		
				999	9		Balance of county		
	029	000	2				Ford	057	0000
				005	6		Dodge City		
				999	9		Balance of county		
	030	000	2				Franklin	059	0000
				025	6		Ottawa		
				999	9		Balance of county		
	031	000	2				Geary	061	0000
				013	6		Junction City		
				999	9		Balance of county		
	032	000	2	999	9		Gove	063	0000
	033	000	2	999	9		Graham	065	0000
	034	000	2	999	9		Grant	067	0000
	035	000	2	999	9		Gray	069	0000
	036	000	2	999	9		Greeley	071	0000
	037	000	2	999	9		Greenwood	073	0000
	038	000	2	999	9		Hamilton	075	0000
	039	000	2	999	9		Harper	077	0000
	040	310	1				Harvey	079	9040
				023	6		Newton		
				999	9		Balance of county		
	041	000	2	999	9		Haskell	081	0000
	042	000	2	999	9		Hodgeman	083	0000
	043	000	2	999	9		Jackson	085	0000
	044	000	2	999	9		Jefferson	087	0000
	045	000	2	999	9		Jewell	089	0000
	046	149	1				Johnson	091	3760
				017	6		Leawood		
				018	6		Lenexa		
				022	6		Merriam		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	
17				Kansas	20
			024 5	Olathe	
			026 4	Overland Park	
			029 6	Prairie Village	
			031 5	Shawnee	
			999 9	Balance of county	
047	000	2	999 9	Kearny	093 0000
048	000	2	999 9	Kingman	095 0000
049	000	2	999 9	Kiowa	097 0000
050	000	2		Labette	099 0000
			027 6	Parsons	
			999 9	Balance of county	
051	000	2	999 9	Lane	101 0000
052	149	1		Leavenworth	103 3760
			016 5	Leavenworth	
			999 9	Balance of county	
053	000	2	999 9	Lincoln	105 0000
054	000	2	999 9	Linn	107 0000
055	000	2	999 9	Logan	109 0000
056	000	2		Lyon	111 0000
			007 5	Emporia	
			999 9	Balance of county	
057	000	2		McPherson	113 0000
			020 6	McPherson	
			999 9	Balance of county	
058	000	2	999 9	Marion	115 0000
059	000	2	999 9	Marshall	117 0000
060	000	2	999 9	Meade	119 0000
061	149	1	999 9	Miami	121 3760
062	000	2	999 9	Mitchell	123 0000
063	000	2		Montgomery	125 0000
			004 6	Coffeyville	
			012 6	Independence	
			999 9	Balance of county	
064	000	2	999 9	Morris	127 0000
065	000	2	999 9	Morton	129 0000
066	000	2	999 9	Nemaha	131 0000
067	000	2		Neosho	133 0000
			003 6	Chanute	
			999 9	Balance of county	
068	000	2	999 9	Ness	135 0000
069	000	2	999 9	Norton	137 0000
070	000	2	999 9	Osage	139 0000
071	000	2	999 9	Osborne	141 0000
072	000	2	999 9	Ottawa	143 0000
073	000	2	999 9	Pawnee	145 0000
074	000	2	999 9	Phillips	147 0000
075	000	2		Pottawatomie	149 0000
			021 5	Manhattan, part	
			999 9	Balance of county	
076	000	2	999 9	Pratt	151 0000
077	000	2	999 9	Rawlins	153 0000
078	000	2		Reno	155 0000
			011 5	Hutchinson	
			999 9	Balance of county	
079	000	2	999 9	Republic	157 0000
080	000	2	999 9	Rice	159 0000
081	000	2		Riley	161 0000
			021 5	Manhattan, part	
			999 9	Balance of county	
082	000	2	999 9	Rooks	163 0000
083	000	2	999 9	Rush	165 0000
084	000	2	999 9	Russell	167 0000
085	000	2		Saline	169 0000
			030 5	Salina	
			999 9	Balance of county	
086	000	2	999 9	Scott	171 0000
087	310	1		Sedgwick	173 9040
			033 2	Wichita	
			999 9	Balance of county	
088	000	2		Seward	175 0000
			019 6	Liberal	
			999 9	Balance of county	
089	292	1		Shawnee	177 8440
			032 3	Topeka	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
17				Kansas	20
			999 9	Balance of county	
	090	000	2 999 9	Sheridan	179 0000
	091	000	2 999 9	Sherman	181 0000
	092	000	2 999 9	Smith	183 0000
	093	000	2 999 9	Stafford	185 0000
	094	000	2 999 9	Stanton	187 0000
	095	000	2 999 9	Stevens	189 0000
	096	000	2 999 9	Sumner	191 0000
	097	000	2 999 9	Thomas	193 0000
	098	000	2 999 9	Trego	195 0000
	099	000	2 999 9	Wabaunsee	197 0000
	100	000	2 999 9	Wallace	199 0000
	101	000	2 999 9	Washington	201 0000
	102	000	2 999 9	Wichita	203 0000
	103	000	2 999 9	Wilson	205 0000
	104	000	2 999 9	Woodson	207 0000
	105	149	1	Wyandotte	209 3760
			014 3	Kansas City	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				Page 40			
Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
18				Kentucky	21		
001	000	2	999 9	Adair	001	0000	
002	000	2	999 9	Allen	003	0000	
003	000	2	999 9	Anderson	005	0000	
004	000	2	999 9	Ballard	007	0000	
005	000	2		Barren	009	0000	
			011 6	Glasgow			
			999 9	Balance of county			
006	000	2	999 9	Bath	011	0000	
007	000	2		Bell	013	0000	
			019 6	Middlesborough			
			999 9	Balance of county			
008	065	1		Boone	015	1640	
			007 6	Florence			
			999 9	Balance of county			
009	168	1	999 9	Bourbon	017	4280	
010	131	1		Boyd	019	3400	
			001 5	Ashland			
			999 9	Balance of county			
011	000	2		Boyle	021	0000	
			004 6	Danville			
			999 9	Balance of county			
012	000	2	999 9	Bracken	023	0000	
013	000	2	999 9	Breathitt	025	0000	
014	000	2	999 9	Breckinridge	027	0000	
015	175	1	999 9	Bullitt	029	4520	
016	000	2	999 9	Butler	031	0000	
017	000	2	999 9	Caldwell	033	0000	
018	000	2		Calloway	035	0000	
			020 6	Murray			
			999 9	Balance of county			
019	065	1		Campbell	037	1640	
			008 6	Fort Thomas			
			021 6	Newport			
			999 9	Balance of county			
020	000	2	999 9	Carlisle	039	0000	
021	000	2	999 9	Carroll	041	0000	
022	131	1	999 9	Carter	043	3400	
023	000	2	999 9	Casey	045	0000	
024	066	1		Christian	047	1660	
			013 5	Hopkinsville			
			999 9	Balance of county			
025	168	1		Clark	049	4280	
			030 6	Winchester			
			999 9	Balance of county			
026	000	2	999 9	Clay	051	0000	
027	000	2	999 9	Clinton	053	0000	
028	000	2	999 9	Crittenden	055	0000	
029	000	2	999 9	Cumberland	057	0000	
030	218	1		Daviess	059	5990	
			023 4	Owensboro			
			999 9	Balance of county			
031	000	2	999 9	Edmonson	061	0000	
032	000	2	999 9	Elliott	063	0000	
033	000	2	999 9	Estill	065	0000	
034	168	1	015 3	Fayette, coext. with Lexington-Fayette	067	4280	
035	000	2	999 9	Fleming	069	0000	
036	000	2	999 9	Floyd	071	0000	
037	000	2		Franklin	073	0000	
			009 5	Frankfort			
			999 9	Balance of county			
038	000	2	999 9	Fulton	075	0000	
039	000	2	999 9	Gallatin	077	0000	
040	000	2	999 9	Garrard	079	0000	
041	000	2	999 9	Grant	081	0000	
042	000	2		Graves	083	0000	
			018 6	Mayfield			
			999 9	Balance of county			
043	000	2	999 9	Grayson	085	0000	
044	000	2	999 9	Green	087	0000	
045	131	1	999 9	Greenup	089	3400	
046	000	2	999 9	Hancock	091	0000	
047	000	2		Hardin	093	0000	
			005 6	Elizabethtown			
			025 6	Radcliff			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
18				Kentucky	21	
			999 9	Balance of county		
	048	000	2 999 9	Harlan	095	0000
	049	000	2 999 9	Harrison	097	0000
	050	000	2 999 9	Hart	099	0000
	051	095	1	Henderson	101	2440
			012 6	Henderson		
			999 9	Balance of county		
	052	000	2 999 9	Henry	103	0000
	053	000	2 999 9	Hickman	105	0000
	054	000	2	Hopkins	107	0000
			017 6	Madisonville		
			999 9	Balance of county		
	055	000	2 999 9	Jackson	109	0000
	056	175	1	Jefferson	111	4520
			014 6	Jeffersontown		
			016 2	Louisville		
			027 6	St. Matthews		
			028 6	Shively		
			999 9	Balance of county		
	057	168	1	Jessamine	113	4280
			022 6	Nicholasville		
			999 9	Balance of county		
	058	000	2 999 9	Johnson	115	0000
	059	065	1	Kenton	117	1640
			003 5	Covington		
			006 6	Erlanger		
			999 9	Balance of county		
	060	000	2 999 9	Knott	119	0000
	061	000	2 999 9	Knox	121	0000
	062	000	2 999 9	Larue	123	0000
	063	000	2 999 9	Laurel	125	0000
	064	000	2 999 9	Lawrence	127	0000
	065	000	2 999 9	Lee	129	0000
	066	000	2 999 9	Leslie	131	0000
	067	000	2 999 9	Letcher	133	0000
	068	000	2 999 9	Lewis	135	0000
	069	000	2 999 9	Lincoln	137	0000
	070	000	2 999 9	Livingston	139	0000
	071	000	2 999 9	Logan	141	0000
	072	000	2 999 9	Lyon	143	0000
	073	000	2	McCracken	145	0000
			024 5	Paducah		
			999 9	Balance of county		
	074	000	2 999 9	McCreary	147	0000
	075	000	2 999 9	McLean	149	0000
	076	000	2	Madison	151	0000
			026 6	Richmond		
			999 9	Balance of county		
	077	000	2 999 9	Magoffin	153	0000
	078	000	2 999 9	Marion	155	0000
	079	000	2 999 9	Marshall	157	0000
	080	000	2 999 9	Martin	159	0000
	081	000	2 999 9	Mason	161	0000
	082	000	2 999 9	Meade	163	0000
	083	000	2 999 9	Menifee	165	0000
	084	000	2 999 9	Mercer	167	0000
	085	000	2 999 9	Metcalfe	169	0000
	086	000	2 999 9	Monroe	171	0000
	087	000	2 999 9	Montgomery	173	0000
	088	000	2 999 9	Morgan	175	0000
	089	000	2 999 9	Muhlenberg	177	0000
	090	000	2 999 9	Nelson	179	0000
	091	000	2 999 9	Nicholas	181	0000
	092	000	2 999 9	Ohio	183	0000
	093	175	1 999 9	Oldham	185	4520
	094	000	2 999 9	Owen	187	0000
	095	000	2 999 9	Owsley	189	0000
	096	000	2 999 9	Pendleton	191	0000
	097	000	2 999 9	Perry	193	0000
	098	000	2 999 9	Pike	195	0000
	099	000	2 999 9	Powell	197	0000
	100	000	2	Pulaski	199	0000
			029 6	Somerset		
			999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
18				Kentucky	21
	101	000	2 999 9	Robertson	201 0000
	102	000	2 999 9	Rockcastle	203 0000
	103	000	2 999 9	Rowan	205 0000
	104	000	2 999 9	Russell	207 0000
	105	168	1	Scott	209 4280
			010 6	Georgetown	
			999 9	Balance of county	
	106	175	1 999 9	Shelby	211 4520
	107	000	2 999 9	Simpson	213 0000
	108	000	2 999 9	Spencer	215 0000
	109	000	2 999 9	Taylor	217 0000
	110	000	2 999 9	Todd	219 0000
	111	000	2 999 9	Trigg	221 0000
	112	000	2 999 9	Trimble	223 0000
	113	000	2 999 9	Union	225 0000
	114	000	2	Warren	227 0000
			002 5	Bowling Green	
			999 9	Balance of county	
	115	000	2 999 9	Washington	229 0000
	116	000	2 999 9	Wayne	231 0000
	117	000	2 999 9	Webster	233 0000
	118	000	2 999 9	Whitley	235 0000
	119	000	2 999 9	Wolfe	237 0000
	120	168	1 999 9	Woodford	239 4280

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State,	County,	City, or Country Name	St Cnty MSA
19				Louisiana			22
	001	000	2			Acadia	001 0000
			008 6			Crowley	
			010 6			Eunice, part	
			999 9			Balance of parish	
	002	000	2	999 9		Allen	003 0000
	003	027	1	999 9		Ascension	005 0760
	004	000	2	999 9		Assumption	007 0000
	005	000	2	999 9		Avoyelles	009 0000
	006	000	2			Beauregard	011 0000
			009 6			De Ridder, part	
			999 9			Balance of parish	
	007	000	2	999 9		Bienville	013 0000
	008	274	1			Bossier	015 7680
			007 5			Bossier City	
			028 3			Shreveport, part	
			999 9			Balance of parish	
	009	274	1			Caddo	017 7680
			028 3			Shreveport, part	
			999 9			Balance of parish	
	010	157	1			Calcasieu	019 3960
			018 4			Lake Charles	
			030 6			Sulphur	
			999 9			Balance of parish	
	011	000	2	999 9		Caldwell	021 0000
	012	000	2	999 9		Cameron	023 0000
	013	000	2	999 9		Catahoula	025 0000
	014	000	2	999 9		Claiborne	027 0000
	015	000	2	999 9		Concordia	029 0000
	016	000	2	999 9		De Soto	031 0000
	017	027	1			East Baton Rouge	033 0760
			003 6			Baker	
			005 3			Baton Rouge	
			999 9			Balance of parish	
	018	000	2	999 9		East Carroll	035 0000
	019	000	2	999 9		East Feliciana	037 0000
	020	000	2	999 9		Evangeline	039 0000
	021	000	2	999 9		Franklin	041 0000
	022	000	2	999 9		Grant	043 0000
	023	000	2			Iberia	045 0000
			023 5			New Iberia	
			999 9			Balance of parish	
	024	000	2	999 9		Iberville	047 0000
	025	000	2	999 9		Jackson	049 0000
	026	205	1			Jefferson	051 5560
			011 6			Gretna	
			013 6			Harahan	
			016 4			Kenner	
			034 6			Westwego	
			999 9			Balance of parish	
	027	000	2			Jefferson Davis	053 0000
			015 6			Jennings	
			999 9			Balance of parish	
	028	155	1			Lafayette	055 3880
			017 4			Lafayette	
			999 9			Balance of parish	
	029	129	1			Lafourche	057 3350
			032 6			Thibodaux	
			999 9			Balance of parish	
	030	000	2	999 9		La Salle	059 0000
	031	000	2			Lincoln	061 0000
			027 6			Ruston	
			999 9			Balance of parish	
	032	027	1	999 9		Livingston	063 0760
	033	000	2			Madison	065 0000
			031 6			Tallulah	
			999 9			Balance of parish	
	034	000	2			Morehouse	067 0000
			004 6			Bastrop	
			999 9			Balance of parish	
	035	000	2			Natchitoches	069 0000
			022 6			Natchitoches	
			999 9			Balance of parish	
	036	205	1	024 1		Orleans, coext with New Orleans city	071 5560
	037	195	1			Ouachita	073 5200
			020 4			Monroe	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes				
Vital Statistics Codes				St Cnty MSA				
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	
19				Louisiana				22
			033 6				West Monroe	
			999 9				Balance of parish	
038	000	2	999 9				Plaquemines	075 0000
039	000	2	999 9				Pointe Coupee	077 0000
040	006	1					Rapides	079 0220
			002 4				Alexandria	
			026 6				Pineville	
			999 9				Balance of parish	
041	000	2	999 9				Red River	081 0000
042	000	2	999 9				Richland	083 0000
043	000	2	999 9				Sabine	085 0000
044	205	1	999 9				St. Bernard	087 5560
045	205	1	999 9				St. Charles	089 5560
046	000	2	999 9				St. Helena	091 0000
047	000	2	999 9				St. James	093 0000
048	205	1	999 9				St. John the Baptist	095 5560
049	000	2					St. Landry	097 0000
			010 6				Eunice, part	
			025 6				Opelousas	
			999 9				Balance of parish	
050	155	1	999 9				St. Martin	099 3880
051	000	2					St. Mary	101 0000
			021 6				Morgan City	
			999 9				Balance of parish	
052	205	1					St. Tammany	103 5560
			029 5				Slideell	
			999 9				Balance of parish	
053	000	2					Tangipahoa	105 0000
			012 6				Hammond	
			999 9				Balance of parish	
054	000	2	999 9				Tensas	107 0000
055	129	1					Terrebonne	109 3350
			014 5				Houma	
			999 9				Balance of parish	
056	000	2	999 9				Union	111 0000
057	000	2					Vermilion	113 0000
			001 6				Abbeville	
			999 9				Balance of parish	
058	000	2					Vernon	115 0000
			009 6				De Ridder, part	
			999 9				Balance of parish	
059	000	2					Washington	117 0000
			006 6				Bogalusa	
			999 9				Balance of parish	
060	000	2					Webster	119 0000
			019 6				Minden	
			999 9				Balance of parish	
061	027	1	999 9				West Baton Rouge	121 0760
062	000	2	999 9				West Carroll	123 0000
063	000	2	999 9				West Feliciana	125 0000
064	000	2	999 9				Winn	127 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes			FIPS Codes				
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
20					Maine	23	
	001	167	1		Androscoggin	001	4243
				001	6	Auburn	
				006	5	Lewiston	
				999	9	Balance of county	
	002	000	2		Aroostook	003	0000
				008	6	Presque Isle	
				999	9	Balance of county	
	003	230	1		Cumberland	005	6403
				007	4	Portland	
				010	6	South Portland	
				012	6	Westbrook	
				999	9	Balance of county	
	004	000	2	999	9	Franklin	007 0000
	005	000	2	999	9	Hancock	009 0000
	006	000	2		Kennebec	011 0000	
				002	6	Augusta	
				011	6	Waterville	
				999	9	Balance of county	
	007	000	2	999	9	Knox	013 0000
	008	000	2	999	9	Lincoln	015 0000
	009	000	2	999	9	Oxford	017 0000
	010	026	1		Penobscot	019 0733	
				003	5	Bangor	
				999	9	Balance of county	
	011	000	2	999	9	Piscataquis	021 0000
	012	000	2		Sagadahoc	023 0000	
				004	6	Bath	
				999	9	Balance of county	
	013	000	2	999	9	Somerset	025 0000
	014	000	2	999	9	Waldo	027 0000
	015	000	2	999	9	Washington	029 0000
	016	000	2		York	031 0000	
				005	6	Biddeford	
				009	6	Saco	
				999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
21				Maryland	24
001	074	1		Allegany	001 1900
			007 5	Cumberland	
			999 9	Balance of county	
002	025	1		Anne Arundel	003 0720
			002 5	Annapolis	
			999 9	Balance of county	
003	025	1	999 9	Baltimore	005 0720
004	025	1	003 1	Baltimore city	510 0720
005	305	1	999 9	Calvert	009 8840
006	000	2	999 9	Caroline	011 0000
007	025	1	999 9	Carroll	013 0720
008	313	1	999 9	Cecil	015 9160
009	305	1	999 9	Charles	017 8840
010	000	2		Dorchester	019 0000
			005 6	Cambridge	
			999 9	Balance of county	
011	305	1		Frederick	021 8840
			008 5	Frederick	
			999 9	Balance of county	
012	000	2	999 9	Garrett	023 0000
013	025	1		Harford	025 0720
			001 6	Aberdeen	
			999 9	Balance of county	
014	025	1	999 9	Howard	027 0720
015	000	2	999 9	Kent	029 0000
016	305	1		Montgomery	031 8840
			009 5	Gaithersburg	
			015 5	Rockville	
			017 6	Takoma Park, part	
			999 9	Balance of county	
017	305	1		Prince George's	033 8840
			004 5	Bowie	
			006 6	College Park	
			010 6	Greenbelt	
			012 6	Hyattsville	
			013 6	Laurel	
			014 6	New Carrollton	
			017 6	Takoma Park, part	
			999 9	Balance of county	
018	025	1	999 9	Queen Anne's	035 0720
019	000	2	999 9	St. Mary's	037 0000
020	000	2	999 9	Somerset	039 0000
021	000	2	999 9	Talbot	041 0000
022	123	1		Washington	043 3180
			011 5	Hagerstown	
			999 9	Balance of county	
023	000	2		Wicomico	045 0000
			016 6	Salisbury	
			999 9	Balance of county	
024	000	2	999 9	Worcester	047 0000

MSA Codes Effective With 1990 Data				All Other Codes Effective With 1982 Data.			
Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
22				Massachusetts	25		
	001	000	2	Barnstable		001	0000
			008 5	Barnstable town			
			999 9	Balance of county			
	002	229	1	Berkshire		003	6323
			057 6	North Adams			
			062 4	Pittsfield			
			999 9	Balance of county			
	003	202	1	Bristol		005	5403
			007 5	Attleboro			
			027 6	Fairhaven town			
			028 4	Fall River			
			054 4	New Bedford			
			059 6	North Attleborough town			
			073 6	Somerset town			
			079 5	Taunton			
			999 9	Balance of county			
	004	000	2	Dukes		007	0000
	005	042	1	Essex		009	1123
			003 6	Amesbury town			
			005 6	Andover town			
			010 5	Beverly			
			022 6	Danvers town			
			032 5	Gloucester			
			033 5	Haverhill			
			037 4	Lawrence			
			042 4	Lynn			
			043 6	Lynnfield town			
			045 6	Marblehead town			
			049 5	Methuen town			
			055 6	Newburyport			
			061 5	Peabody			
			069 5	Salem			
			070 6	Saugus town			
			078 6	Swampscott town			
			999 9	Balance of county			
	006	000	2	Franklin		011	0000
	007	281	1	Hampden		013	8003
			002 5	Agawam town			
			020 4	Chicopee			
			035 5	Holyoke			
			040 6	Longmeadow town			
			075 3	Springfield			
			086 5	Westfield			
			087 5	West Springfield town			
			999 9	Balance of county			
	008	281	1	Hampshire		015	8003
			004 5	Amherst town			
			025 6	Easthampton town			
			058 5	Northampton			
			999 9	Balance of county			
	009	042	1	Middlesex		017	1123
			006 5	Arlington town			
			009 5	Belmont town			
			011 5	Billerica town			
			016 6	Burlington town			
			017 4	Cambridge			
			018 5	Chelmsford town			
			024 6	Dracut town			
			026 5	Everett			
			030 4	Framingham town			
			036 6	Hudson town			
			039 5	Lexington town			
			041 4	Lowell			
			044 4	Malden			
			046 5	Marlborough			
			047 4	Medford			
			048 5	Melrose			
			052 5	Natick town			
			056 4	Newton			
			066 6	Reading town			
			074 4	Somerville			
			076 6	Stoneham town			
			080 6	Tewksbury town			
			081 6	Wakefield town			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

22				Massachusetts	25
			082	4 Waltham	
			083	5 Watertown town	
			091	6 Wilmington town	
			092	6 Winchester town	
			094	5 Woburn	
			999	9 Balance of county	
010	000	2	999	9 Nantucket	019 0000
011	042	1		Norfolk	021 1123
			013	5 Braintree town	
			015	4 Brookline town	
			023	5 Dedham town	
			034	6 Holbrook town	
			051	5 Milton town	
			053	5 Needham town	
			060	5 Norwood town	
			064	4 Quincy	
			065	5 Randolph town	
			077	5 Stoughton town	
			085	5 Wellesley town	
			088	6 Westwood town	
			089	4 Weymouth town	
			999	9 Balance of county	
012	042	1		Plymouth	023 1123
			001	6 Abington town	
			014	4 Brockton	
			063	5 Plymouth town	
			068	6 Rockland town	
			071	6 Scituate town	
			090	6 Whitman town	
			999	9 Balance of county	
013	042	1		Suffolk	025 1123
			012	1 Boston	
			019	5 Chelsea	
			067	5 Revere	
			093	6 Winthrop town	
014	315	1		Worcester	027 9243
			021	6 Clinton town	
			029	5 Fitchburg	
			031	6 Gardner	
			038	5 Leominster	
			050	6 Milford town	
			072	6 Shrewsbury town	
			084	6 Webster town	
			095	3 Worcester	
			999	9 Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
23			Michigan	26	
	001 000	2 999 9	Alcona	001	0000
	002 000	2 999 9	Alger	003	0000
	003 000	2	Allegan	005	0000
		049 5	Holland, part		
		999 9	Balance of county		
	004 000	2	Alpena	007	0000
		004 6	Alpena		
		999 9	Balance of county		
	005 000	2 999 9	Antrim	009	0000
	006 000	2 999 9	Arenac	011	0000
	007 000	2 999 9	Baraga	013	0000
	008 000	2 999 9	Barry	015	0000
	009 251	1	Bay	017	6960
		007 6	Bangor township		
		009 5	Bay City		
		063 5	Midland, part		
		999 9	Balance of county		
	010 000	2 999 9	Benzie	019	0000
	011 032	1	Berrien	021	0870
		010 6	Benton Harbor		
		070 6	Niles		
		999 9	Balance of county		
	012 000	2 999 9	Branch	023	0000
	013 028	1	Calhoun	025	0780
		002 6	Albion		
		008 5	Battle Creek		
		999 9	Balance of county		
	014 000	2 999 9	Cass	027	0000
	015 000	2 999 9	Charlevoix	029	0000
	016 000	2 999 9	Cheboygan	031	0000
	017 000	2	Chippewa	033	0000
		088 6	Sault Ste. Marie		
		999 9	Balance of county		
	018 000	2 999 9	Clare	035	0000
	019 161	1	Clinton	037	4040
		055 3	Lansing, part		
		999 9	Balance of county		
	020 000	2 999 9	Crawford	039	0000
	021 000	2	Delta	041	0000
		028 6	Escanaba		
		999 9	Balance of county		
	022 000	2 999 9	Dickinson	043	0000
	023 161	1	Eaton	045	4040
		055 3	Lansing, part		
		999 9	Balance of county		
	024 000	2 999 9	Emmet	047	0000
	025 099	1	Genesee	049	2640
		016 5	Burton		
		032 3	Flint		
		033 5	Flint township		
		036 5	Genesee township		
		066 5	Mount Morris township		
		999 9	Balance of county		
	026 000	2 999 9	Gladwin	051	0000
	027 000	2 999 9	Gogebic	053	0000
	028 000	2	Grand Traverse	055	0000
		094 6	Traverse City		
		999 9	Balance of county		
	029 000	2 999 9	Gratiot	057	0000
	030 000	2 999 9	Hillsdale	059	0000
	031 000	2 999 9	Houghton	061	0000
	032 000	2 999 9	Huron	063	0000
	033 161	1	Ingham	065	4040
		026 5	East Lansing		
		055 3	Lansing, part		
		062 5	Meridian township		
		999 9	Balance of county		
	034 000	2 999 9	Ionia	067	0000
	035 000	2 999 9	Iosco	069	0000
	036 000	2 999 9	Iron	071	0000
	037 000	2	Isabella	073	0000
		067 6	Mount Pleasant		
		999 9	Balance of county		
	038 135	1	Jackson	075	3520
		051 5	Jackson		

MSA Codes Effective With 1990 Data				All Other Codes Effective With 1982 Data.			
Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
23					Michigan	26	
			999	9	Balance of county		
039	147	1			Kalamazoo	077	3720
			052	4	Kalamazoo		
			053	6	Kalamazoo township		
			077	5	Portage		
			999	9	Balance of county		
040	000	2	999	9	Kalkaska	079	0000
041	117	1			Kent	081	3000
			025	6	East Grand Rapids		
			039	3	Grand Rapids		
			040	6	Grandville		
			054	5	Kentwood		
			097	6	Walker		
			104	4	Wyoming		
			999	9	Balance of county		
042	000	2	999	9	Keweenaw	083	0000
043	000	2	999	9	Lake	085	0000
044	084	1	999	9	Lapeer	087	2160
045	000	2	999	9	Leelanau	089	0000
046	000	2			Lenawee	091	0000
			001	6	Adrian		
			999	9	Balance of county		
047	084	1	999	9	Livingston	093	2160
048	000	2	999	9	Luce	095	0000
049	000	2	999	9	Mackinac	097	0000
050	084	1			Macomb	099	2160
			020	4	Clinton township		
			024	5	East Detroit		
			034	6	Fraser		
			046	6	Harrison township		
			065	6	Mount Clemens		
			083	4	Roseville		
			087	4	St. Clair Shores		
			089	5	Shelby township		
			092	3	Sterling Heights		
			098	3	Warren		
			999	9	Balance of county		
051	000	2	999	9	Manistee	101	0000
052	000	2			Marquette	103	0000
			059	6	Marquette		
			999	9	Balance of county		
053	000	2	999	9	Mason	105	0000
054	000	2			Mecosta	107	0000
			013	6	Big Rapids		
			999	9	Balance of county		
055	000	2			Menominee	109	0000
			061	6	Menominee		
			999	9	Balance of county		
056	251	1			Midland	111	6960
			063	5	Midland, part		
			999	9	Balance of county		
057	000	2	999	9	Missaukee	113	0000
058	084	1			Monroe	115	2160
			064	6	Monroe		
			999	9	Balance of county		
059	000	2	999	9	Montcalm	117	0000
060	000	2	999	9	Montmorency	119	0000
061	198	1			Muskegon	121	5320
			068	5	Muskegon		
			069	6	Muskegon Heights		
			071	6	Norton Shores		
			999	9	Balance of county		
062	000	2	999	9	Newaygo	123	0000
063	084	1			Oakland	125	2160
			006	5	Avon township		
			011	6	Berkley		
			012	6	Beverly Hills		
			014	6	Birmingham		
			015	5	Bloomfield township		
			019	6	Clawson		
			029	6	Farmington		
			030	4	Farmington Hills		
			031	5	Ferndale		
			047	6	Hazel Park		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
23					Michigan	26	
			058	5	Madison Heights		
			072	6	Novi		
			073	5	Oak Park		
			076	4	Pontiac		
			084	4	Royal Oak		
			090	4	Southfield		
			096	4	Troy		
			100	5	West Bloomfield township		
			999	9	Balance of county		
064	000	2	999	9	Oceana	127	0000
065	000	2	999	9	Ogemaw	129	0000
066	000	2	999	9	Ontonagon	131	0000
067	000	2	999	9	Osceola	133	0000
068	000	2	999	9	Oscoda	135	0000
069	000	2	999	9	Otsego	137	0000
070	117	1			Ottawa	139	3000
			037	5	Georgetown township		
			038	6	Grand Haven		
			049	5	Holland, part		
			999	9	Balance of county		
071	000	2	999	9	Presque Isle	141	0000
072	000	2	999	9	Roscommon	143	0000
073	251	1			Saginaw	145	6960
			085	4	Saginaw		
			086	5	Saginaw township		
			999	9	Balance of county		
074	084	1			St. Clair	147	2160
			078	5	Port Huron		
			999	9	Balance of county		
075	000	2	999	9	St. Joseph	149	0000
076	000	2	999	9	Sanilac	151	0000
077	000	2	999	9	Schoolcraft	153	0000
078	000	2			Shiawassee	155	0000
			074	6	Owosso		
			999	9	Balance of county		
079	000	2	999	9	Tuscola	157	0000
080	000	2	999	9	Van Buren	159	0000
081	014	1			Washtenaw	161	0440
			005	3	Ann Arbor		
			105	6	Ypsilanti		
			106	5	Ypsilanti township		
			999	9	Balance of county		
082	084	1			Wayne	163	2160
			003	5	Allen Park		
			018	5	Canton township		
			021	4	Dearborn		
			022	4	Dearborn Heights		
			023	0	Detroit		
			027	6	Ecorse		
			035	5	Garden City		
			041	6	Grosse Pointe Farms		
			042	6	Grosse Pointe Park		
			043	6	Grosse Pointe Woods		
			044	6	Hamtramck		
			045	6	Harper Woods		
			048	5	Highland Park		
			050	5	Inkster		
			056	5	Lincoln Park		
			057	3	Livonia		
			060	6	Melvindale		
			075	6	Plymouth township		
			079	4	Redford township		
			080	6	River Rouge		
			081	6	Riverview		
			082	6	Romulus		
			091	5	Southgate		
			093	4	Taylor		
			095	6	Trenton		
			099	6	Wayne		
			101	4	Westland		
			102	6	Woodhaven		
			103	5	Wyandotte		
			999	9	Balance of county		
083	000	2			Wexford	165	0000
			017	6	Cadillac		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

23

999 9 Michigan
Balance of county

26

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
24					Minnesota	27	
001	000	2	999	9	Aitkin	001	0000
002	191	1			Anoka	003	5120
			002	6	Anoka		
			006	5	Blaine, part		
			013	6	Columbia Heights		
			014	5	Coon Rapids		
			024	5	Fridley		
			047	6	Ramsey		
			999	9	Balance of county		
003	000	2	999	9	Becker	005	0000
004	000	2			Beltrami	007	0000
			005	6	Bemidji		
			999	9	Balance of county		
005	252	1			Benton	009	6980
			053	5	St. Cloud, part		
			999	9	Balance of county		
006	000	2	999	9	Big Stone	011	0000
007	000	2			Blue Earth	013	0000
			031	5	Mankato, part		
			999	9	Balance of county		
008	000	2			Brown	015	0000
			041	6	New Ulm		
			999	9	Balance of county		
009	000	2			Carlton	017	0000
			012	6	Cloquet		
			999	9	Balance of county		
010	191	1	999	9	Carver	019	5120
011	000	2	999	9	Cass	021	0000
012	000	2	999	9	Chippewa	023	0000
013	191	1	999	9	Chisago	025	5120
014	096	1			Clay	027	2520
			037	5	Moorhead		
			999	9	Balance of county		
015	000	2	999	9	Clearwater	029	0000
016	000	2	999	9	Cook	031	0000
017	000	2	999	9	Cottonwood	033	0000
018	000	2			Crow Wing	035	0000
			008	6	Brainerd		
			999	9	Balance of county		
019	191	1			Dakota	037	5120
			003	6	Apple Valley		
			011	5	Burnsville		
			018	6	Eagan		
			026	6	Hastings, part		
			029	6	Inver Grove Heights		
			030	6	Lakeville		
			042	6	Northfield, part		
			057	6	South St. Paul		
			060	6	West St. Paul		
			999	9	Balance of county		
020	000	2	999	9	Dodge	039	0000
021	000	2	999	9	Douglas	041	0000
022	000	2	999	9	Faribault	043	0000
023	000	2	999	9	Fillmore	045	0000
024	000	2			Freeborn	047	0000
			001	6	Albert Lea		
			999	9	Balance of county		
025	000	2			Goodhue	049	0000
			048	6	Red Wing		
			999	9	Balance of county		
026	000	2	999	9	Grant	051	0000
027	191	1			Hennepin	053	5120
			007	4	Bloomington		
			009	5	Brooklyn Center		
			010	5	Brooklyn Park		
			016	5	Crystal		
			019	6	Eden Prairie		
			020	5	Edina		
			025	6	Golden Valley		
			028	6	Hopkins		
			032	6	Maple Grove		
			035	2	Minneapolis		
			036	5	Minnetonka		
			040	6	New Hope		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes	
Vital Statistics Codes				St Cnty MSA	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
24				Minnesota	27
			046 5	Plymouth	
			049 5	Richfield	
			050 6	Robbinsdale	
			054 5	St. Louis Park	
			999 9	Balance of county	
028	000	2	999 9	Houston	055 0000
029	000	2	999 9	Hubbard	057 0000
030	191	1	999 9	Isanti	059 5120
031	000	2	999 9	Itasca	061 0000
032	000	2	999 9	Jackson	063 0000
033	000	2	999 9	Kanabec	065 0000
034	000	2	999 9	Kandiyohi	067 0000
			062 6	Willmar	
			999 9	Balance of county	
035	000	2	999 9	Kittson	069 0000
036	000	2	999 9	Koochiching	071 0000
037	000	2	999 9	Lac qui Parle	073 0000
038	000	2	999 9	Lake	075 0000
039	000	2	999 9	Lake of the Woods	077 0000
040	000	2	999 9	Le Sueur	079 0000
041	000	2	999 9	Lincoln	081 0000
042	000	2	999 9	Lyon	083 0000
			034 6	Marshall	
			999 9	Balance of county	
043	000	2	999 9	McLeod	085 0000
044	000	2	999 9	Mahnomen	087 0000
045	000	2	999 9	Marshall	089 0000
046	000	2	999 9	Martin	091 0000
			021 6	Fairmont	
			999 9	Balance of county	
047	000	2	999 9	Meeker	093 0000
048	000	2	999 9	Mille Lacs	095 0000
049	000	2	999 9	Morrison	097 0000
050	000	2	999 9	Mower	099 0000
			004 6	Austin	
			999 9	Balance of county	
051	000	2	999 9	Murray	101 0000
052	000	2	999 9	Nicollet	103 0000
			031 5	Mankato, part	
			999 9	Balance of county	
053	000	2	999 9	Nobles	105 0000
			065 6	Worthington	
			999 9	Balance of county	
054	000	2	999 9	Norman	107 0000
055	247	1	999 9	Olmsted	109 6820
			051 4	Rochester	
			999 9	Balance of county	
056	000	2	999 9	Otter Tail	111 0000
			023 6	Fergus Falls	
			999 9	Balance of county	
057	000	2	999 9	Pennington	113 0000
058	000	2	999 9	Pine	115 0000
059	000	2	999 9	Pipestone	117 0000
060	000	2	999 9	Polk	119 0000
061	000	2	999 9	Pope	121 0000
062	191	1	999 9	Ramsey	123 5120
			006 5	Blaine, part	
			033 5	Maplewood	
			038 6	Mounds View	
			039 6	New Brighton	
			043 6	North St. Paul	
			052 5	Roseville	
			055 2	St. Paul	
			056 6	Shoreview	
			061 6	White Bear Lake, part	
			999 9	Balance of county	
063	000	2	999 9	Red Lake	125 0000
064	000	2	999 9	Redwood	127 0000
065	000	2	999 9	Renville	129 0000
066	000	2	999 9	Rice	131 0000
			022 6	Faribault	
			042 6	Northfield, part	
			999 9	Balance of county	
067	000	2	999 9	Rock	133 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
24					Minnesota	27
	068	000	2	999	9 Roseau	135 0000
	069	087	1		St. Louis	137 2240
				017	4 Duluth	
				027	6 Hibbing	
				059	6 Virginia	
				999	9 Balance of county	
	070	191	1	999	9 Scott	139 5120
	071	252	1		Sherburne	141 6980
				053	5 St. Cloud, part	
				999	9 Balance of county	
	072	000	2	999	9 Sibley	143 0000
	073	252	1		Stearns	145 6980
				053	5 St. Cloud, part	
				999	9 Balance of county	
	074	000	2		Steele	147 0000
				045	6 Owatonna	
				999	9 Balance of county	
	075	000	2	999	9 Stevens	149 0000
	076	000	2	999	9 Swift	151 0000
	077	000	2	999	9 Todd	153 0000
	078	000	2	999	9 Traverse	155 0000
	079	000	2	999	9 Wabasha	157 0000
	080	000	2	999	9 Wadena	159 0000
	081	000	2	999	9 Waseca	161 0000
	082	191	1		Washington	163 5120
				015	6 Cottage Grove	
				026	6 Hastings, part	
				044	6 Oakdale	
				058	6 Stillwater	
				061	6 White Bear Lake, part	
				064	6 Woodbury	
				999	9 Balance of county	
	083	000	2	999	9 Watonwan	165 0000
	084	000	2	999	9 Wilkin	167 0000
	085	000	2		Winona	169 0000
				063	5 Winona	
				999	9 Balance of county	
	086	191	1	999	9 Wright	171 5120
	087	000	2	999	9 Yellow Medicine	173 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
25						Mississippi	28
	001	000	2			Adams	001 0000
				019	6	Natchez	
				999	9	Balance of county	
	002	000	2			Alcorn	003 0000
				008	6	Corinth	
				999	9	Balance of county	
	003	000	2	999	9	Amite	005 0000
	004	000	2	999	9	Attala	007 0000
	005	000	2	999	9	Benton	009 0000
	006	000	2			Bolivar	011 0000
				005	6	Cleveland	
				999	9	Balance of county	
	007	000	2	999	9	Calhoun	013 0000
	008	000	2	999	9	Carroll	015 0000
	009	000	2	999	9	Chickasaw	017 0000
	010	000	2	999	9	Choctaw	019 0000
	011	000	2	999	9	Claiborne	021 0000
	012	000	2	999	9	Clarke	023 0000
	013	000	2	999	9	Clay	025 0000
	014	000	2			Coahoma	027 0000
				004	6	Clarksdale	
				999	9	Balance of county	
	015	000	2	999	9	Copiah	029 0000
	016	000	2	999	9	Covington	031 0000
	017	185	1	999	9	De Soto	033 4920
	018	000	2			Forrest	035 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	019	000	2	999	9	Franklin	037 0000
	020	000	2	999	9	George	039 0000
	021	000	2	999	9	Greene	041 0000
	022	000	2			Grenada	043 0000
				011	6	Grenada	
				999	9	Balance of county	
	023	035	1	999	9	Hancock	045 0920
	024	035	1			Harrison	047 0920
				001	5	Biloxi	
				012	5	Gulfport	
				999	9	Balance of county	
	025	136	1			Hinds	049 3560
				006	6	Clinton	
				014	3	Jackson, part	
				999	9	Balance of county	
	026	000	2	999	9	Holmes	051 0000
	027	000	2	999	9	Humphreys	053 0000
	028	000	2	999	9	Issaquena	055 0000
	029	000	2	999	9	Itawamba	057 0000
	030	222	1			Jackson	059 6025
				018	6	Moss Point	
				020	6	Ocean Springs	
				021	5	Pascagoula	
				999	9	Balance of county	
	031	000	2	999	9	Jasper	061 0000
	032	000	2	999	9	Jefferson	063 0000
	033	000	2	999	9	Jefferson Davis	065 0000
	034	000	2			Jones	067 0000
				015	6	Laurel	
				999	9	Balance of county	
	035	000	2	999	9	Kemper	069 0000
	036	000	2	999	9	Lafayette	071 0000
	037	000	2			Lamar	073 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	038	000	2			Lauderdale	075 0000
				017	5	Meridian	
				999	9	Balance of county	
	039	000	2	999	9	Lawrence	077 0000
	040	000	2	999	9	Leake	079 0000
	041	000	2			Lee	081 0000
				025	6	Tupelo	
				999	9	Balance of county	
	042	000	2			Leflore	083 0000
				010	6	Greenwood	
				999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
25					Mississippi	28	
	043	000	2		Lincoln	085	0000
				002	6 Brookhaven		
				999	9 Balance of county		
	044	000	2		Lowndes	087	0000
				007	5 Columbus		
				999	9 Balance of county		
	045	136	1		Madison	089	3560
				003	6 Canton		
				999	9 Balance of county		
	046	000	2	999	9 Marion	091	0000
	047	000	2	999	9 Marshall	093	0000
	048	000	2	999	9 Monroe	095	0000
	049	000	2	999	9 Montgomery	097	0000
	050	000	2	999	9 Neshoba	099	0000
	051	000	2	999	9 Newton	101	0000
	052	000	2	999	9 Noxubee	103	0000
	053	000	2		Oktibbeha	105	0000
				024	6 Starkville		
				999	9 Balance of county		
	054	000	2	999	9 Panola	107	0000
	055	000	2		Pearl River	109	0000
				023	6 Picayune		
				999	9 Balance of county		
	056	000	2	999	9 Perry	111	0000
	057	000	2		Pike	113	0000
				016	6 McComb		
				999	9 Balance of county		
	058	000	2	999	9 Pontotoc	115	0000
	059	000	2	999	9 Prentiss	117	0000
	060	000	2	999	9 Quitman	119	0000
	061	136	1		Rankin	121	3560
				014	3 Jackson, part		
				022	6 Pearl		
				999	9 Balance of county		
	062	000	2	999	9 Scott	123	0000
	063	000	2	999	9 Sharkey	125	0000
	064	000	2	999	9 Simpson	127	0000
	065	000	2	999	9 Smith	129	0000
	066	000	2	999	9 Stone	131	0000
	067	000	2	999	9 Sunflower	133	0000
	068	000	2	999	9 Tallahatchie	135	0000
	069	000	2	999	9 Tate	137	0000
	070	000	2	999	9 Tippah	139	0000
	071	000	2	999	9 Tishomingo	141	0000
	072	000	2	999	9 Tunica	143	0000
	073	000	2	999	9 Union	145	0000
	074	000	2	999	9 Walthall	147	0000
	075	000	2		Warren	149	0000
				026	5 Vicksburg		
				999	9 Balance of county		
	076	000	2		Washington	151	0000
				009	5 Greenville		
				999	9 Balance of county		
	077	000	2	999	9 Wayne	153	0000
	078	000	2	999	9 Webster	155	0000
	079	000	2	999	9 Wilkinson	157	0000
	080	000	2	999	9 Winston	159	0000
	081	000	2	999	9 Yalobusha	161	0000
	082	000	2		Yazoo	163	0000
				027	6 Yazoo City		
				999	9 Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
26						Missouri	29
	001	000	2			Adair	001 0000
				028	6	Kirksville	
				999	9	Balance of county	
	002	000	2	999	9	Andrew	003 0000
	003	000	2	999	9	Atchison	005 0000
	004	000	2			Audrain	007 0000
				034	6	Mexico	
				999	9	Balance of county	
	005	000	2	999	9	Barry	009 0000
	006	000	2	999	9	Barton	011 0000
	007	000	2	999	9	Bates	013 0000
	008	000	2	999	9	Benton	015 0000
	009	000	2	999	9	Bollinger	017 0000
	010	069	1			Boone	019 1740
				011	4	Columbia	
				999	9	Balance of county	
	011	253	1			Buchanan	021 7000
				043	4	St. Joseph	
				999	9	Balance of county	
	012	000	2			Butler	023 0000
				037	6	Poplar Bluff	
				999	9	Balance of county	
	013	000	2	999	9	Caldwell	025 0000
	014	000	2			Callaway	027 0000
				017	6	Fulton	
				023	5	Jefferson City, part	
				999	9	Balance of county	
	015	000	2	999	9	Camden	029 0000
	016	000	2			Cape Girardeau	031 0000
				008	5	Cape Girardeau	
				999	9	Balance of county	
	017	000	2	999	9	Carroll	033 0000
	018	000	2	999	9	Carter	035 0000
	019	149	1			Cass	037 3760
				004	6	Belton	
				030	5	Lee's Summit, part	
				999	9	Balance of county	
	020	000	2	999	9	Cedar	039 0000
	021	000	2	999	9	Chariton	041 0000
	022	280	1	999	9	Christian	043 7920
	023	000	2	999	9	Clark	045 0000
	024	149	1			Clay	047 3760
				014	6	Excelsior Springs, part	
				018	6	Gladstone	
				022	3	Independence, part	
				026	2	Kansas City, part	
				031	6	Liberty	
				999	9	Balance of county	
	025	000	2	999	9	Clinton	049 0000
	026	000	2			Cole	051 0000
				023	5	Jefferson City, part	
				999	9	Balance of county	
	027	000	2	999	9	Cooper	053 0000
	028	000	2	999	9	Crawford	055 0000
	029	000	2	999	9	Dade	057 0000
	030	000	2	999	9	Dallas	059 0000
	031	000	2	999	9	Daviess	061 0000
	032	000	2	999	9	De Kalb	063 0000
	033	000	2	999	9	Dent	065 0000
	034	000	2	999	9	Douglas	067 0000
	035	000	2			Dunklin	069 0000
				027	6	Kennett	
				999	9	Balance of county	
	036	254	1	999	9	Franklin	071 7040
	037	000	2	999	9	Gasconade	073 0000
	038	000	2	999	9	Gentry	075 0000
	039	280	1			Greene	077 7920
				048	3	Springfield	
				999	9	Balance of county	
	040	000	2	999	9	Grundy	079 0000
	041	000	2	999	9	Harrison	081 0000
	042	000	2	999	9	Henry	083 0000
	043	000	2	999	9	Hickory	085 0000
	044	000	2	999	9	Holt	087 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
26				Missouri	29
	045	000	2 999 9	Howard	089 0000
	046	000	2 999 9	Howell	091 0000
	047	000	2 999 9	Iron	093 0000
	048	149	1	Jackson	095 3760
			006 5	Blue Springs	
			019 6	Grandview	
			022 3	Independence, part	
			026 2	Kansas City, part	
			030 5	Lee's Summit, part	
			038 5	Raytown	
			999 9	Balance of county	
	049	146	1	Jasper	097 3710
			009 6	Carthage	
			025 5	Joplin, part	
			999 9	Balance of county	
	050	254	1	Jefferson	099 7040
			001 6	Arnold	
			999 9	Balance of county	
	051	000	2	Johnson	101 0000
			050 6	Warrensburg	
			999 9	Balance of county	
	052	000	2 999 9	Knox	103 0000
	053	000	2 999 9	Laclede	105 0000
	054	149	1 999 9	Lafayette	107 3760
	055	000	2 999 9	Lawrence	109 0000
	056	000	2 999 9	Lewis	111 0000
	057	000	2 999 9	Lincoln	113 0000
	058	000	2 999 9	Linn	115 0000
	059	000	2 999 9	Livingston	117 0000
	060	000	2 999 9	McDonald	119 0000
	061	000	2 999 9	Macon	121 0000
	062	000	2 999 9	Madison	123 0000
	063	000	2 999 9	Marion	125 0000
	064	000	2	Marion	127 0000
			020 6	Hannibal, part	
			999 9	Balance of county	
	065	000	2 999 9	Mercer	129 0000
	066	000	2 999 9	Miller	131 0000
	067	000	2 999 9	Mississippi	133 0000
	068	000	2 999 9	Moniteau	135 0000
	069	000	2 999 9	Monroe	137 0000
	070	000	2 999 9	Montgomery	139 0000
	071	000	2 999 9	Morgan	141 0000
	072	000	2	New Madrid	143 0000
			047 6	Sikeston, part	
			999 9	Balance of county	
	073	146	1	Newton	145 3710
			025 5	Joplin, part	
			999 9	Balance of county	
	074	000	2 999 9	Nodaway	147 0000
	075	000	2 999 9	Oregon	149 0000
	076	000	2 999 9	Osage	151 0000
	077	000	2 999 9	Ozark	153 0000
	078	000	2 999 9	Pemiscot	155 0000
	079	000	2 999 9	Perry	157 0000
	080	000	2	Pettis	159 0000
			046 6	Sedalia	
			999 9	Balance of county	
	081	000	2	Phelps	161 0000
			040 6	Rolla	
			999 9	Balance of county	
	082	000	2 999 9	Pike	163 0000
	083	149	1	Platte	165 3760
			026 2	Kansas City, part	
			999 9	Balance of county	
	084	000	2 999 9	Polk	167 0000
	085	000	2 999 9	Pulaski	169 0000
	086	000	2 999 9	Putnam	171 0000
	087	000	2	Ralls	173 0000
			020 6	Hannibal, part	
			999 9	Balance of county	
	088	000	2	Randolph	175 0000
			035 6	Moberly	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
26				Missouri	29
	089	149	1	Ray	177 3760
			014 6	Excelsior Springs, part	
			999 9	Balance of county	
	090	000	2	Reynolds	179 0000
	091	000	2	Ripley	181 0000
	092	254	1	St. Charles	183 7040
			042 5	St. Charles	
			045 6	St. Peters	
			999 9	Balance of county	
	093	000	2	St. Clair	185 0000
	094	000	2	Ste. Genevieve	186 0000
	095	000	2	St. Francois	187 0000
	096	254	1	St. Louis	189 7040
			002 6	Ballwin	
			003 6	Bellefontaine Neighbors	
			005 6	Berkeley	
			007 6	Bridgeton	
			010 6	Clayton	
			012 6	Crestwood	
			013 6	Creve Coeur	
			015 6	Ferguson	
			016 4	Florissant	
			021 6	Hazelwood	
			024 6	Jennings	
			029 5	Kirkwood	
			032 6	Maplewood	
			036 6	Overland	
			039 6	Richmond Heights	
			041 6	St. Ann	
			049 5	University City	
			051 6	Webster Groves	
			999 9	Balance of county	
	097	254	1	St. Louis city	510 7040
	098	000	2	Saline	195 0000
			033 6	Marshall	
			999 9	Balance of county	
	099	000	2	Schuyler	197 0000
	100	000	2	Scotland	199 0000
	101	000	2	Scott	201 0000
			047 6	Sikeston, part	
			999 9	Balance of county	
	102	000	2	Shannon	203 0000
	103	000	2	Shelby	205 0000
	104	000	2	Stoddard	207 0000
	105	000	2	Stone	209 0000
	106	000	2	Sullivan	211 0000
	107	000	2	Taney	213 0000
	108	000	2	Texas	215 0000
	109	000	2	Vernon	217 0000
	110	000	2	Warren	219 0000
	111	000	2	Washington	221 0000
	112	000	2	Wayne	223 0000
	113	000	2	Webster	225 0000
	114	000	2	Worth	227 0000
	115	000	2	Wright	229 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
27			Montana	30	
	001	000 2 999 9	Beaverhead	001	0000
	002	000 2 999 9	Big Horn	003	0000
	003	000 2 999 9	Blaine	005	0000
	004	000 2 999 9	Broadwater	007	0000
	005	000 2 999 9	Carbon	009	0000
	006	000 2 999 9	Carter	011	0000
	007	118 1	Cascade	013	3040
		005 4	Great Falls		
		999 9	Balance of county		
	008	000 2 999 9	Chouteau	015	0000
	009	000 2 999 9	Custer	017	0000
	010	000 2 999 9	Daniels	019	0000
	011	000 2 999 9	Dawson	021	0000
	012	000 2 001 6	Deer Lodge, coext. with Anaconda-Deer Lodge	023	0000
	013	000 2 999 9	Fallon	025	0000
	014	000 2 999 9	Fergus	027	0000
	015	000 2	Flathead	029	0000
		008 6	Kalispell		
		999 9	Balance of county		
	016	000 2	Gallatin	031	0000
		003 6	Bozeman		
		999 9	Balance of county		
	017	000 2 999 9	Garfield	033	0000
	018	000 2 999 9	Glacier	035	0000
	019	000 2 999 9	Golden Valley	037	0000
	020	000 2 999 9	Granite	039	0000
	021	000 2	Hill	041	0000
		006 6	Havre		
		999 9	Balance of county		
	022	000 2 999 9	Jefferson	043	0000
	023	000 2 999 9	Judith Basin	045	0000
	024	000 2 999 9	Lake	047	0000
	025	000 2	Lewis and Clark	049	0000
		007 6	Helena		
		999 9	Balance of county		
	026	000 2 999 9	Liberty	051	0000
	027	000 2 999 9	Lincoln	053	0000
	028	000 2 999 9	McCone	055	0000
	029	000 2 999 9	Madison	057	0000
	030	000 2 999 9	Meagher	059	0000
	031	000 2 999 9	Mineral	061	0000
	032	000 2	Missoula	063	0000
		009 5	Missoula		
		999 9	Balance of county		
	033	000 2 999 9	Musselshell	065	0000
	034	000 2 999 9	Park	067	0000
	035	000 2 999 9	Petroleum	069	0000
	036	000 2 999 9	Phillips	071	0000
	037	000 2 999 9	Pondera	073	0000
	038	000 2 999 9	Powder River	075	0000
	039	000 2 999 9	Powell	077	0000
	040	000 2 999 9	Prairie	079	0000
	041	000 2 999 9	Ravalli	081	0000
	042	000 2 999 9	Richland	083	0000
	043	000 2 999 9	Roosevelt	085	0000
	044	000 2 999 9	Rosebud	087	0000
	045	000 2 999 9	Sanders	089	0000
	046	000 2 999 9	Sheridan	091	0000
	047	000 2	Silver Bow	093	0000
		004 5	Butte-Silver Bow		
		999 9	Balance of county		
	048	000 2 999 9	Stillwater	095	0000
	049	000 2 999 9	Sweet Grass	097	0000
	050	000 2 999 9	Teton	099	0000
	051	000 2 999 9	Toole	101	0000
	052	000 2 999 9	Treasure	103	0000
	053	000 2 999 9	Valley	105	0000
	054	000 2 999 9	Wheatland	107	0000
	055	000 2 999 9	Wibaux	109	0000
	056	034 1	Yellowstone	111	0880
		002 4	Billings		
		999 9	Balance of county		
	057	000 2 999 9	Yellowstone National Park	113	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes			FIPS Codes				
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
28					Nebraska	31	
	001	000	2		Adams		001 0000
				006 6	Hastings		
				999 9	Balance of county		
	002	000	2	999 9	Antelope		003 0000
	003	000	2	999 9	Arthur		005 0000
	004	000	2	999 9	Banner		007 0000
	005	000	2	999 9	Blaine		009 0000
	006	000	2	999 9	Boone		011 0000
	007	000	2	999 9	Box Butte		013 0000
	008	000	2	999 9	Boyd		015 0000
	009	000	2	999 9	Brown		017 0000
	010	000	2		Buffalo		019 0000
				007 6	Kearney		
				999 9	Balance of county		
	011	000	2	999 9	Burt		021 0000
	012	000	2	999 9	Butler		023 0000
	013	000	2	999 9	Cass		025 0000
	014	000	2	999 9	Cedar		027 0000
	015	000	2	999 9	Chase		029 0000
	016	000	2	999 9	Cherry		031 0000
	017	000	2	999 9	Cheyenne		033 0000
	018	000	2	999 9	Clay		035 0000
	019	000	2	999 9	Colfax		037 0000
	020	000	2	999 9	Cuming		039 0000
	021	000	2	999 9	Custer		041 0000
	022	275	1	999 9	Dakota		043 7720
	023	000	2	999 9	Dawes		045 0000
	024	000	2	999 9	Dawson		047 0000
	025	000	2	999 9	Deuel		049 0000
	026	000	2	999 9	Dixon		051 0000
	027	000	2		Dodge		053 0000
				004 6	Fremont		
				999 9	Balance of county		
	028	215	1		Douglas		055 5920
				011 2	Omaha		
				999 9	Balance of county		
	029	000	2	999 9	Dundy		057 0000
	030	000	2	999 9	Fillmore		059 0000
	031	000	2	999 9	Franklin		061 0000
	032	000	2	999 9	Frontier		063 0000
	033	000	2	999 9	Furnas		065 0000
	034	000	2		Gage		067 0000
				001 6	Beatrice		
				999 9	Balance of county		
	035	000	2	999 9	Garden		069 0000
	036	000	2	999 9	Garfield		071 0000
	037	000	2	999 9	Gosper		073 0000
	038	000	2	999 9	Grant		075 0000
	039	000	2	999 9	Greeley		077 0000
	040	000	2		Hall		079 0000
				005 5	Grand Island		
				999 9	Balance of county		
	041	000	2	999 9	Hamilton		081 0000
	042	000	2	999 9	Harlan		083 0000
	043	000	2	999 9	Hayes		085 0000
	044	000	2	999 9	Hitchcock		087 0000
	045	000	2	999 9	Holt		089 0000
	046	000	2	999 9	Hooker		091 0000
	047	000	2	999 9	Howard		093 0000
	048	000	2	999 9	Jefferson		095 0000
	049	000	2	999 9	Johnson		097 0000
	050	000	2	999 9	Kearney		099 0000
	051	000	2	999 9	Keith		101 0000
	052	000	2	999 9	Keya Paha		103 0000
	053	000	2	999 9	Kimball		105 0000
	054	000	2	999 9	Knox		107 0000
	055	170	1		Lancaster		109 4360
				008 3	Lincoln		
				999 9	Balance of county		
	056	000	2		Lincoln		111 0000
				010 6	North Platte		
				999 9	Balance of county		
	057	000	2	999 9	Logan		113 0000
	058	000	2	999 9	Loup		115 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
28			Nebraska	31	
059	000	2 999 9	McPherson	117	0000
060	000	2 999 9	Madison	119	0000
		009 6	Norfolk		
		999 9	Balance of county		
061	000	2 999 9	Merrick	121	0000
062	000	2 999 9	Morrill	123	0000
063	000	2 999 9	Nance	125	0000
064	000	2 999 9	Nemaha	127	0000
065	000	2 999 9	Nuckolls	129	0000
066	000	2 999 9	Otoe	131	0000
067	000	2 999 9	Pawnee	133	0000
068	000	2 999 9	Perkins	135	0000
069	000	2 999 9	Phelps	137	0000
070	000	2 999 9	Pierce	139	0000
071	000	2 999 9	Platte	141	0000
		003 6	Columbus		
		999 9	Balance of county		
072	000	2 999 9	Polk	143	0000
073	000	2 999 9	Red Willow	145	0000
074	000	2 999 9	Richardson	147	0000
075	000	2 999 9	Rock	149	0000
076	000	2 999 9	Saline	151	0000
077	215	1 999 9	Sarpy	153	5920
		002 6	Bellevue		
		999 9	Balance of county		
078	000	2 999 9	Saunders	155	0000
079	000	2 999 9	Scotts Bluff	157	0000
		012 6	Scottsbluff		
		999 9	Balance of county		
080	000	2 999 9	Seward	159	0000
081	000	2 999 9	Sheridan	161	0000
082	000	2 999 9	Sherman	163	0000
083	000	2 999 9	Sioux	165	0000
084	000	2 999 9	Stanton	167	0000
085	000	2 999 9	Thayer	169	0000
086	000	2 999 9	Thomas	171	0000
087	000	2 999 9	Thurston	173	0000
088	000	2 999 9	Valley	175	0000
089	215	1 999 9	Washington	177	5920
090	000	2 999 9	Wayne	179	0000
091	000	2 999 9	Webster	181	0000
092	000	2 999 9	Wheeler	183	0000
093	000	2 999 9	York	185	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
29					Nevada	32	
	001	000	2	001	5	Carson City	city
	002	000	2	999	9	Churchill	
	003	164	1			Clark	
				002	6	Henderson	
				003	3	Las Vegas	
				004	5	North Las Vegas	
				999	9	Balance of county	
	004	000	2	999	9	Douglas	005 0000
	005	000	2	999	9	Elko	007 0000
	006	000	2	999	9	Esmeralda	009 0000
	007	000	2	999	9	Eureka	011 0000
	008	000	2	999	9	Humboldt	013 0000
	009	000	2	999	9	Lander	015 0000
	010	000	2	999	9	Lincoln	017 0000
	011	000	2	999	9	Lyon	019 0000
	012	000	2	999	9	Mineral	021 0000
	013	000	2	999	9	Nye	023 0000
	014	000	2	999	9	Pershing	027 0000
	015	000	2	999	9	Storey	029 0000
	016	242	1			Washoe	031 6720
				005	3	Reno	
				006	5	Sparks	
				999	9	Balance of county	
	017	000	2	999	9	White Pine	033 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
30					New Hampshire	33	
	001	000	2		Belknap	001	0000
				006	6	Laconia	
				999	9	Balance of county	
	002	000	2	999	9	Carroll	003 0000
	003	000	2			Cheshire	005 0000
				005	6	Keene	
				999	9	Balance of county	
	004	000	2			Coos	007 0000
				001	6	Berlin	
				999	9	Balance of county	
	005	000	2			Grafton	009 0000
				007	6	Lebanon	
				999	9	Balance of county	
	006	180	1			Hillsborough	011 4763
				008	4	Manchester	
				009	4	Nashua	
				999	9	Balance of county	
	007	000	2			Merrimack	013 0000
				003	5	Concord	
				999	9	Balance of county	
	008	232	1			Rockingham	015 6453
				010	5	Portsmouth	
				999	9	Balance of county	
	009	232	1			Strafford	017 6453
				004	6	Dover	
				011	6	Rochester	
				012	6	Somersworth	
				999	9	Balance of county	
	010	000	2			Sullivan	019 0000
				002	6	Claremont	
				999	9	Balance of county	

Vital Statistics Geographic Code Outline						Page 66
MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						
Vital Statistics Codes				FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
31				New Jersey	34	
	001	020	1	Atlantic	001	0560
			003 5	Atlantic City		
			053 6	Hammonton		
			120 6	Pleasantville		
			139 6	Somers Point		
			152 6	Ventnor City		
			999 9	Balance of county		
	002	033	1	Bergen	003	0875
			007 5	Bergenfield		
			020 6	Cliffside Park		
			029 6	Dumont		
			036 6	Elmwood Park		
			037 6	Englewood		
			039 5	Fair Lawn		
			040 6	Fairview		
			041 5	Fort Lee		
			044 5	Garfield		
			046 6	Glen Rock		
			049 5	Hackensack		
			056 6	Hasbrouck Heights		
			060 6	Hillsdale		
			075 6	Lodi		
			077 6	Lyndhurst township		
			096 6	New Milford		
			098 6	North Arlington		
			103 6	Oakland		
			108 6	Palisades Park		
			109 5	Paramus		
			125 6	Ramsey		
			127 6	Ridgefield		
			128 6	Ridgefield Park		
			129 5	Ridgewood		
			131 6	River Edge		
			134 6	Rutherford		
			135 6	Saddle Brook township		
			146 5	Teaneck township		
			147 6	Tenafly		
			156 6	Waldwick		
			157 6	Wallington		
			168 6	Westwood		
			172 6	Wyckoff township		
			999 9	Balance of county		
	003	225	1	Burlington	005	6160
			013 6	Burlington		
			018 6	Cinnaminson township		
			024 6	Delran township		
			081 6	Maple Shade township		
			089 6	Moorestown township		
			092 6	Mount Holly township		
			113 5	Pemberton township		
			169 5	Willingboro township		
			999 9	Balance of county		
	004	225	1	Camden	007	6160
			006 6	Bellmawr		
			014 4	Camden		
			017 4	Cherry Hill township		
			022 6	Collingswood		
			047 5	Gloucester township		
			048 6	Gloucester City		
			050 6	Haddon township		
			051 6	Haddonfield		
			072 6	Lindenwold		
			114 5	Pennsauken township		
			155 6	Voorhees township		
			999 9	Balance of county		
	005	020	1	Cape May	009	0560
			105 6	Ocean City		
			999 9	Balance of county		
	006	302	1	Cumberland	011	8760
			011 6	Bridgeton		
			087 6	Millville		
			154 4	Vineland		
			999 9	Balance of county		
	007	207	1	Essex	013	5640
			005 5	Belleville		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes			FIPS Codes				
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
31					New Jersey	34	
			009	5	Bloomfield		
			016	6	Cedar Grove township		
			031	4	East Orange		
			065	4	Irvington		
			074	5	Livingston township		
			082	6	Maplewood township		
			086	6	Millburn township		
			088	5	Montclair		
			094	2	Newark		
			102	5	Nutley		
			107	5	Orange		
			141	6	South Orange Village township		
			153	6	Verona		
			162	6	West Caldwell		
			166	5	West Orange		
			999	9	Balance of county		
008	225	1			Gloucester	015	6160
			026	6	Deptford township		
			045	6	Glassboro		
			159	5	Washington township		
			163	6	West Deptford township		
			171	6	Woodbury		
			999	9	Balance of county		
009	142	1			Hudson	017	3640
			004	4	Bayonne		
			055	6	Harrison		
			062	5	Hoboken		
			067	3	Jersey City		
			069	5	Kearny		
			099	5	North Bergen township		
			138	6	Secaucus		
			150	4	Union City		
			161	6	Weehawken township		
			165	5	West New York		
			999	9	Balance of county		
010	188	1	999	9	Hunterdon	019	5015
011	293	1			Mercer	021	8480
			032	6	East Windsor township		
			038	5	Ewing township		
			052	4	Hamilton township		
			123	6	Princeton		
			149	4	Trenton		
			999	9	Balance of county		
012	188	1			Middlesex	023	5015
			015	6	Carteret		
			030	5	East Brunswick township		
			034	4	Edison township		
			059	6	Highland Park		
			083	6	Metuchen		
			084	6	Middlesex		
			095	5	New Brunswick		
			100	6	North Brunswick township		
			106	4	Old Bridge township		
			116	5	Perth Amboy		
			118	5	Piscataway township		
			136	5	Sayreville		
			142	6	South Plainfield		
			143	6	South River		
			170	4	Woodbridge township		
			999	9	Balance of county		
013	194	1			Monmouth	025	5190
			001	6	Aberdeen township		
			002	6	Asbury Park		
			033	6	Eatontown		
			043	6	Freehold		
			058	6	Hazlet township		
			064	5	Howell township		
			068	6	Keansburg		
			076	5	Long Branch		
			085	4	Middletown township		
			093	5	Neptune township		
			104	6	Ocean township		
			126	6	Red Bank		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data.				All Other Codes Effective With 1982 Data.					
Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
31				New Jersey				34	
	014	207	1		Morris				027 5640
				025	6	Denville township			
				027	6	Dover			
				054	6	Hanover township			
				078	6	Madison			
				090	6	Morris township			
				091	6	Morristown			
				110	5	Parsippany-Troy Hills township			
				115	6	Pequannock township			
				999	9	Balance of county			
	015	194	1		Ocean				029 5190
				010	4	Brick township			
				028	4	Dover township			
				066	5	Jackson township			
				070	5	Lakewood township			
				079	5	Manchester township			
				121	6	Point Pleasant			
				999	9	Balance of county			
	016	033	1		Passaic				031 0875
				021	4	Clifton			
				057	6	Hawthorne			
				073	6	Little Falls township			
				111	4	Passaic			
				112	3	Paterson			
				122	6	Pompton Lakes			
				130	6	Ringwood			
				148	6	Totowa			
				158	6	Wanaque			
				160	5	Wayne township			
				167	6	West Paterson			
				999	9	Balance of county			
	017	313	1	999	9	Salem			033 9160
	018	188	1		Somerset				035 5015
				012	5	Bridgewater township			
				042	5	Franklin township			
				080	6	Manville			
				101	6	North Plainfield			
				140	6	Somerville			
				999	9	Balance of county			
	019	207	1		Sussex				037 5640
				063	6	Hopatcong			
				999	9	Balance of county			
	020	207	1		Union				039 5640
				008	6	Berkeley Heights township			
				019	6	Clark township			
				023	6	Cranford township			
				035	3	Elizabeth			
				061	6	Hillside township			
				071	5	Linden			
				097	6	New Providence			
				119	5	Plainfield			
				124	5	Rahway			
				132	6	Roselle			
				133	6	Roselle Park			
				137	6	Scotch Plains township			
				144	6	Springfield township			
				145	6	Summit			
				151	4	Union township			
				164	5	Westfield			
				999	9	Balance of county			
	021	007	1		Warren				041 0240
				117	6	Phillipsburg			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes			
Vital Statistics Codes				St Cnty MSA			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
32				New Mexico	35		
	001	005	1	Bernalillo	001	0200	
			002 2	Albuquerque			
			999 9	Balance of county			
	002	000	2	Catron	003	0000	
	003	000	2	Chaves	005	0000	
			011 5	Roswell			
			999 9	Balance of county			
	004	000	2	Cibola	006	0000	
	005	000	2	Colfax	007	0000	
	006	000	2	Curry	009	0000	
			005 5	Clovis			
			999 9	Balance of county			
	007	000	2	De Baca	011	0000	
	008	163	1	Dona Ana	013	4100	
			009 5	Las Cruces			
			999 9	Balance of county			
	009	000	2	Eddy	015	0000	
			003 6	Artesia			
			004 5	Carlsbad			
			999 9	Balance of county			
	010	000	2	Grant	017	0000	
	011	000	2	Guadalupe	019	0000	
	012	000	2	Harding	021	0000	
	013	000	2	Hidalgo	023	0000	
	014	000	2	Lea	025	0000	
			008 5	Hobbs			
			999 9	Balance of county			
	015	000	2	Lincoln	027	0000	
	016	265	1	Los Alamos	028	7490	
	017	000	2	Luna	029	0000	
	018	000	2	McKinley	031	0000	
			007 6	Gallup			
			999 9	Balance of county			
	019	000	2	Mora	033	0000	
	020	000	2	Otero	035	0000	
			001 6	Alamogordo			
			999 9	Balance of county			
	021	000	2	Quay	037	0000	
	022	000	2	Rio Arriba	039	0000	
	023	000	2	Roosevelt	041	0000	
	024	000	2	Sandoval	043	0000	
	025	000	2	San Juan	045	0000	
			006 5	Farmington			
			999 9	Balance of county			
	026	000	2	San Miguel	047	0000	
			010 6	Las Vegas			
			999 9	Balance of county			
	027	265	1	Santa Fe	049	7490	
			012 5	Santa Fe			
			999 9	Balance of county			
	028	000	2	Sierra	051	0000	
	029	000	2	Socorro	053	0000	
	030	000	2	Taos	055	0000	
	031	000	2	Torrance	057	0000	
	032	000	2	Union	059	0000	
	033	000	2	Valencia	061	0000	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
33				New York				36	
	001	004	1		Albany			001	0160
				001	3	Albany			
				013	6	Cohoes			
				097	6	Watervliet			
				999	9	Balance of county			
	002	000	2	999	9	Allegany		003	0000
	003	036	1		Broome			007	0960
				007	4	Binghamton			
				021	6	Endicott			
				041	6	Johnson City			
				095	5	Vestal town			
				999	9	Balance of county			
	004	000	2		Cattaraugus			009	0000
				065	6	Olean			
				999	9	Balance of county			
	005	000	2		Cayuga			011	0000
				003	5	Auburn			
				999	9	Balance of county			
	006	140	1		Chautauqua			013	3610
				018	6	Dunkirk			
				023	6	Fredonia			
				040	5	Jamestown			
				999	9	Balance of county			
	007	091	1		Chemung			015	2335
				020	5	Elmira			
				999	9	Balance of county			
	008	000	2	999	9	Chenango		017	0000
	009	000	2		Clinton			019	0000
				073	6	Plattsburgh			
				999	9	Balance of county			
	010	000	2	999	9	Columbia		021	0000
	011	000	2		Cortland			023	0000
				015	6	Cortland			
				999	9	Balance of county			
	012	000	2	999	9	Delaware		025	0000
	013	233	1		Dutchess			027	6460
				006	6	Beacon			
				076	5	Poughkeepsie			
				999	9	Balance of county			
	014	050	1		Erie			029	1280
				010	2	Buffalo			
				016	6	Depew			
				033	6	Hamburg			
				042	6	Kenmore			
				045	6	Lackawanna			
				046	6	Lancaster			
				091	6	Tonawanda			
				099	4	West Seneca town			
				999	9	Balance of county			
	015	000	2	999	9	Essex		031	0000
	016	000	2	999	9	Franklin		033	0000
	017	000	2		Fulton			035	0000
				031	6	Gloversville			
				999	9	Balance of county			
	018	000	2		Genesee			037	0000
				005	6	Batavia			
				999	9	Balance of county			
	019	004	1	999	9	Greene		039	0160
	020	000	2	999	9	Hamilton		041	0000
	021	298	1	999	9	Herkimer		043	8680
	022	000	2		Jefferson			045	0000
				096	5	Watertown			
				999	9	Balance of county			
	023	000	2	999	9	Lewis		049	0000
	024	248	1	999	9	Livingston		051	6840
	025	285	1		Madison			053	8160
				066	6	Oneida			
				999	9	Balance of county			
	026	248	1		Monroe			055	6840
				008	5	Brighton town			
				027	5	Gates town			
				032	4	Greece town			
				036	5	Henrietta town			
				038	4	Irondequoit town			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes			FIPS Codes		
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
33				New York	36
			072 5	Penfield town	
			079 3	Rochester	
			999 9	Balance of county	
027	004	1		Montgomery	057 0160
			002 6	Amsterdam	
			999 9	Balance of county	
028	201	1		Nassau	059 5380
			019 6	East Rockaway	
			022 6	Floral Park	
			024 5	Freeport	
			026 6	Garden City	
			029 6	Glen Cove	
			035 5	Hempstead	
			049 5	Long Beach	
			050 6	Lynbrook	
			052 6	Massapequa Park	
			055 6	Mineola	
			080 5	Rockville Centre	
			094 5	Valley Stream	
			098 6	Westbury	
			999 9	Balance of county	
029	206	1		New York city	5600
			009 0	Bronx borough, Bronx county	005
			043 0	Brooklyn borough, Kings county	047
			060 0	Manhattan borough, New York county	061
			077 0	Queens borough, Queens county	081
			078 0	Staten Island borough, Richmond county	085
030	208	1		Niagara	063 5700
			048 6	Lockport	
			061 4	Niagara Falls	
			063 5	North Tonawanda	
			999 9	Balance of county	
031	298	1		Oneida	065 8680
			081 5	Rome	
			093 4	Utica	
			999 9	Balance of county	
032	285	1		Onondaga	067 8160
			089 3	Syracuse	
			999 9	Balance of county	
033	248	1		Ontario	069 6840
			011 6	Canandaigua	
			028 6	Geneva, part	
			999 9	Balance of county	
034	216	1		Orange	071 5950
			054 6	Middletown	
			058 6	Newburgh	
			999 9	Balance of county	
035	248	1	999 9	Orleans	073 6840
036	285	1		Oswego	075 8160
			025 6	Fulton	
			069 6	Oswego	
			999 9	Balance of county	
037	000	2		Otsego	077 0000
			067 6	Oneonta	
			999 9	Balance of county	
038	206	1		Putnam	079 5600
			012 5	Carmel town	
			999 9	Balance of county	
039	004	1		Rensselaer	083 0160
			092 4	Troy	
			999 9	Balance of county	
040	206	1		Rockland	087 5600
			087 6	Spring Valley	
			088 6	Suffern	
			999 9	Balance of county	
041	000	2		St. Lawrence	089 0000
			053 6	Massena	
			064 6	Ogdensburg	
			075 6	Potsdam	
			999 9	Balance of county	
042	004	1		Saratoga	091 0160
			084 6	Saratoga Springs	
			999 9	Balance of county	
043	004	1		Schenectady	093 0160
			062 6	Niskayuna town	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
33				New York	36
			082 5	Rotterdam town	
			086 4	Schenectady	
			999 9	Balance of county	
044	000	2	999 9	Schoharie	095 0000
045	000	2	999 9	Schuyler	097 0000
046	000	2		Seneca	099 0000
			028 6	Geneva, part	
			999 9	Balance of county	
047	000	2		Steuben	101 0000
			014 6	Corning	
			037 6	Hornell	
			999 9	Balance of county	
048	201	1		Suffolk	103 5380
			004 6	Babylon	
			047 5	Lindenhurst	
			070 6	Patchogue	
			999 9	Balance of county	
049	000	2	999 9	Sullivan	105 0000
050	036	1	999 9	Tioga	107 0960
051	000	2		Tompkins	109 0000
			039 5	Ithaca	
			999 9	Balance of county	
052	000	2		Ulster	111 0000
			044 6	Kingston	
			999 9	Balance of county	
053	115	1		Warren	113 2975
			030 6	Glens Falls	
			999 9	Balance of county	
054	115	1	999 9	Washington	115 2975
055	248	1		Wayne	117 6840
			057 6	Newark	
			999 9	Balance of county	
056	206	1		Westchester	119 5600
			017 6	Dobbs Ferry	
			034 6	Harrison	
			051 6	Mamaroneck	
			056 4	Mount Vernon	
			059 4	New Rochelle	
			068 6	Ossining	
			071 6	Peekskill	
			074 6	Port Chester	
			083 6	Rye	
			085 6	Scarsdale	
			090 6	Tarrytown	
			100 5	White Plains	
			101 3	Yonkers	
			102 5	Yorktown town	
			999 9	Balance of county	
057	000	2	999 9	Wyoming	121 0000
058	000	2	999 9	Yates	123 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
34				North Carolina	37	
001	051	1		Alamance	001	1300
			005 5	Burlington		
			999 9	Balance of county		
002	127	1	999 9	Alexander	003	3290
003	000	2	999 9	Alleghany	005	0000
004	000	2	999 9	Anson	007	0000
005	000	2	999 9	Ashe	009	0000
006	000	2	999 9	Avery	011	0000
007	000	2	999 9	Beaufort	013	0000
008	000	2	999 9	Bertie	015	0000
009	000	2	999 9	Bladen	017	0000
010	000	2	999 9	Brunswick	019	0000
011	017	1		Buncombe	021	0480
			003 4	Asheville		
			999 9	Balance of county		
012	127	1		Burke	023	3290
			021 6	Hickory, part		
			030 6	Morganton		
			999 9	Balance of county		
013	059	1		Cabarrus	025	1520
			009 6	Concord		
			999 9	Balance of county		
014	000	2		Caldwell	027	0000
			026 6	Lenoir		
			999 9	Balance of county		
015	000	2		Camden	029	0000
			012 6	Elizabeth City, part		
			999 9	Balance of county		
016	000	2	999 9	Carteret	031	0000
017	000	2	999 9	Caswell	033	0000
018	127	1		Catawba	035	3290
			021 6	Hickory, part		
			999 9	Balance of county		
019	000	2	999 9	Chatham	037	0000
020	000	2	999 9	Cherokee	039	0000
021	000	2	999 9	Chowan	041	0000
022	000	2	999 9	Clay	043	0000
023	000	2		Cleveland	045	0000
			038 6	Shelby		
			999 9	Balance of county		
024	000	2	999 9	Columbus	047	0000
025	000	2		Craven	049	0000
			019 6	Havelock		
			031 6	New Bern		
			999 9	Balance of county		
026	097	1		Cumberland	051	2560
			013 4	Fayetteville		
			999 9	Balance of county		
027	000	2	999 9	Currituck	053	0000
028	000	2	999 9	Dare	055	0000
029	121	1		Davidson	057	3120
			022 4	High Point, part		
			027 6	Lexington		
			040 6	Thomasville		
			999 9	Balance of county		
030	121	1	999 9	Davie	059	3120
031	000	2	999 9	Duplin	061	0000
032	238	1		Durham	063	6640
			007 5	Chapel Hill, part		
			010 3	Durham		
			999 9	Balance of county		
033	000	2		Edgecombe	065	0000
			035 5	Rocky Mount, part		
			999 9	Balance of county		
034	121	1		Forsyth	067	3120
			043 3	Winston-Salem		
			999 9	Balance of county		
035	238	1	999 9	Franklin	069	6640
036	059	1		Gaston	071	1520
			015 5	Gastonia		
			999 9	Balance of county		
037	000	2	999 9	Gates	073	0000
038	000	2	999 9	Graham	075	0000
039	000	2	999 9	Granville	077	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA	
34					North Carolina	37	
	040	000	2	999	9	Greene	079 0000
	041	121	1			Guilford	081 3120
				017	3	Greensboro	
				022	4	High Point, part	
				999	9	Balance of county	
	042	000	2			Halifax	083 0000
				034	6	Roanoke Rapids	
				999	9	Balance of county	
	043	000	2	999	9	Harnett	085 0000
	044	000	2	999	9	Haywood	087 0000
	045	000	2	999	9	Henderson	089 0000
	046	000	2	999	9	Hertford	091 0000
	047	000	2	999	9	Hoke	093 0000
	048	000	2	999	9	Hyde	095 0000
	049	000	2			Iredell	097 0000
				039	6	Statesville	
				999	9	Balance of county	
	050	000	2	999	9	Jackson	099 0000
	051	000	2	999	9	Johnston	101 0000
	052	000	2	999	9	Jones	103 0000
	053	000	2			Lee	105 0000
				037	6	Sanford	
				999	9	Balance of county	
	054	000	2			Lenoir	107 0000
				024	5	Kinston	
				999	9	Balance of county	
	055	059	1	999	9	Lincoln	109 1520
	056	000	2	999	9	McDowell	111 0000
	057	000	2	999	9	Macon	113 0000
	058	000	2	999	9	Madison	115 0000
	059	000	2	999	9	Martin	117 0000
	060	059	1			Mecklenburg	119 1520
				008	2	Charlotte	
				999	9	Balance of county	
	061	000	2	999	9	Mitchell	121 0000
	062	000	2	999	9	Montgomery	123 0000
	063	000	2	999	9	Moore	125 0000
	064	000	2			Nash	127 0000
				035	5	Rocky Mount, part	
				999	9	Balance of county	
	065	314	1			New Hanover	129 9200
				041	5	Wilmington	
				999	9	Balance of county	
	066	000	2	999	9	Northampton	131 0000
	067	139	1			Onslow	133 3605
				023	6	Jacksonville	
				999	9	Balance of county	
	068	238	1			Orange	135 6640
				007	5	Chapel Hill, part	
				999	9	Balance of county	
	069	000	2	999	9	Pamlico	137 0000
	070	000	2			Pasquotank	139 0000
				012	6	Elizabeth City, part	
				999	9	Balance of county	
	071	000	2	999	9	Pender	141 0000
	072	000	2	999	9	Perquimans	143 0000
	073	000	2	999	9	Person	145 0000
	074	000	2			Pitt	147 0000
				018	5	Greenville	
				999	9	Balance of county	
	075	000	2	999	9	Polk	149 0000
	076	121	1			Randolph	151 3120
				002	6	Asheboro	
				022	4	High Point, part	
				999	9	Balance of county	
	077	000	2	999	9	Richmond	153 0000
	078	000	2			Robeson	155 0000
				028	6	Lumberton	
				999	9	Balance of county	
	079	000	2			Rockingham	157 0000
				011	6	Eden	
				033	6	Reidsville	
				999	9	Balance of county	
	080	059	1			Rowan	159 1520
				036	6	Salisbury	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
34				North Carolina	37
			999 9	Balance of county	
081	000	2	999 9	Rutherford	161 0000
082	000	2	999 9	Sampson	163 0000
083	000	2		Scotland	165 0000
			025 6	Laurinburg	
			999 9	Balance of county	
084	000	2		Stanly	167 0000
			001 6	Albemarle	
			999 9	Balance of county	
085	121	1	999 9	Stokes	169 3120
086	000	2	999 9	Surry	171 0000
087	000	2	999 9	Swain	173 0000
088	000	2	999 9	Transylvania	175 0000
089	000	2	999 9	Tyrrell	177 0000
090	059	1		Union	179 1520
			029 6	Monroe	
			999 9	Balance of county	
091	000	2		Vance	181 0000
			020 6	Henderson	
			999 9	Balance of county	
092	238	1		Wake	183 6640
			006 6	Cary	
			014 6	Garner	
			032 3	Raleigh	
			999 9	Balance of county	
093	000	2	999 9	Warren	185 0000
094	000	2	999 9	Washington	187 0000
095	000	2		Watauga	189 0000
			004 6	Boone	
			999 9	Balance of county	
096	000	2		Wayne	191 0000
			016 5	Goldsboro	
			999 9	Balance of county	
097	000	2	999 9	Wilkes	193 0000
098	000	2		Wilson	195 0000
			042 5	Wilson	
			999 9	Balance of county	
099	121	1	999 9	Yadkin	197 3120
100	000	2	999 9	Yancey	199 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
35			North Dakota	38	
001	000	2 999 9	Adams	001	0000
002	000	2 999 9	Barnes	003	0000
003	000	2 999 9	Benson	005	0000
004	000	2 999 9	Billings	007	0000
005	000	2 999 9	Bottineau	009	0000
006	000	2 999 9	Bowman	011	0000
007	000	2 999 9	Burke	013	0000
008	038	1	Burleigh	015	1010
		001 5	Bismarck		
		999 9	Balance of county		
009	096	1	Cass	017	2520
		003 4	Fargo		
		008 6	West Fargo		
		999 9	Balance of county		
010	000	2 999 9	Cavalier	019	0000
011	000	2 999 9	Dickey	021	0000
012	000	2 999 9	Divide	023	0000
013	000	2 999 9	Dunn	025	0000
014	000	2 999 9	Eddy	027	0000
015	000	2 999 9	Emmons	029	0000
016	000	2 999 9	Foster	031	0000
017	000	2 999 9	Golden Valley	033	0000
018	116	1	Grand Forks	035	2985
		004 5	Grand Forks		
		999 9	Balance of county		
019	000	2 999 9	Grant	037	0000
020	000	2 999 9	Griggs	039	0000
021	000	2 999 9	Hettinger	041	0000
022	000	2 999 9	Kidder	043	0000
023	000	2 999 9	La Moure	045	0000
024	000	2 999 9	Logan	047	0000
025	000	2 999 9	McHenry	049	0000
026	000	2 999 9	McIntosh	051	0000
027	000	2 999 9	McKenzie	053	0000
028	000	2 999 9	McLean	055	0000
029	000	2 999 9	Mercer	057	0000
030	038	1	Morton	059	1010
		006 6	Mandan		
		999 9	Balance of county		
031	000	2 999 9	Mountrail	061	0000
032	000	2 999 9	Nelson	063	0000
033	000	2 999 9	Oliver	065	0000
034	000	2 999 9	Pembina	067	0000
035	000	2 999 9	Pierce	069	0000
036	000	2 999 9	Ramsey	071	0000
037	000	2 999 9	Ransom	073	0000
038	000	2 999 9	Renville	075	0000
039	000	2 999 9	Richland	077	0000
040	000	2 999 9	Rolette	079	0000
041	000	2 999 9	Sargent	081	0000
042	000	2 999 9	Sheridan	083	0000
043	000	2 999 9	Sioux	085	0000
044	000	2 999 9	Slope	087	0000
045	000	2	Stark	089	0000
		002 6	Dickinson		
		999 9	Balance of county		
046	000	2 999 9	Steele	091	0000
047	000	2	Stutsman	093	0000
		005 6	Jamestown		
		999 9	Balance of county		
048	000	2 999 9	Towner	095	0000
049	000	2 999 9	Traill	097	0000
050	000	2 999 9	Walsh	099	0000
051	000	2	Ward	101	0000
		007 5	Minot		
		999 9	Balance of county		
052	000	2 999 9	Wells	103	0000
053	000	2	Williams	105	0000
		009 6	Williston		
		999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
	001	000	2	999	9 Adams		001 0000
	002	169	1		Allen		003 4320
				067	5 Lima		
				999	9 Balance of county		
	003	000	2		Ashland		005 0000
				004	6 Ashland		
				999	9 Balance of county		
	004	000	2		Ashtabula		007 0000
				005	6 Ashtabula		
				033	6 Conneaut		
				999	9 Balance of county		
	005	000	2		Athens		009 0000
				006	6 Athens		
				999	9 Balance of county		
	006	169	1	999	9 Auglaize		011 4320
	007	309	1	999	9 Belmont		013 9000
	008	000	2	999	9 Brown		015 0000
	009	124	1		Butler		017 3200
				047	5 Fairfield		
				060	4 Hamilton		
				081	5 Middletown		
				096	6 Oxford		
				999	9 Balance of county		
	010	053	1	999	9 Carroll		019 1320
	011	000	2		Champaign		021 0000
				130	6 Urbana		
				999	9 Balance of county		
	012	078	1		Clark		023 2000
				118	4 Springfield		
				999	9 Balance of county		
	013	065	1	999	9 Clermont		025 1640
	014	000	2		Clinton		027 0000
				145	6 Wilmington		
				999	9 Balance of county		
	015	000	2		Columbiana		029 0000
				042	6 East Liverpool		
				108	6 Salem		
				999	9 Balance of county		
	016	000	2		Coshocton		031 0000
				034	6 Coshocton		
				999	9 Balance of county		
	017	000	2		Crawford		033 0000
				022	6 Bucyrus		
				055	6 Galion		
				999	9 Balance of county		
	018	067	1		Cuyahoga		035 1680
				009	6 Bay Village		
				011	6 Bedford		
				012	6 Bedford Heights		
				014	6 Berea		
				017	6 Brecksville		
				018	6 Broadview Heights		
				019	6 Brooklyn		
				020	5 Brook Park		
				030	1 Cleveland		
				031	4 Cleveland Heights		
				040	5 East Cleveland		
				045	4 Euclid		
				048	6 Fairview Park		
				056	5 Garfield Heights		
				065	4 Lakewood		
				069	6 Lyndhurst		
				071	5 Maple Heights		
				076	6 Mayfield Heights		
				080	6 Middleburg Heights		
				089	5 North Olmsted		
				091	6 North Royalton		
				098	4 Parma		
				099	6 Parma Heights		
				106	6 Richmond Heights		
				107	6 Rocky River		
				110	6 Seven Hills		
				111	5 Shaker Heights		
				115	6 Solon		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
36				Ohio	39
			116 5	South Euclid	
			121 5	Strongsville	
			128 6	University Heights	
			136 6	Warrensville Heights	
			140 6	Westlake	
			999 9	Balance of county	
019	000	2		Darke	037 0000
			058 6	Greenville	
			999 9	Balance of county	
020	000	2		Defiance	039 0000
			037 6	Defiance	
			999 9	Balance of county	
021	072	1		Delaware	041 1840
			038 6	Delaware	
			139 6	Westerville, part	
			999 9	Balance of county	
022	000	2		Erie	043 0000
			109 5	Sandusky	
			133 6	Vermilion, part	
			999 9	Balance of county	
023	072	1		Fairfield	045 1840
			032 1	Columbus, part	
			066 5	Lancaster	
			105 6	Reynoldsburg, part	
			999 9	Balance of county	
024	000	2		Fayette	047 0000
			137 6	Washington	
			999 9	Balance of county	
025	072	1		Franklin	049 1840
			015 6	Bexley	
			032 1	Columbus, part	
			054 6	Gahanna	
			059 6	Grove City	
			105 6	Reynoldsburg, part	
			129 5	Upper Arlington	
			139 6	Westerville, part	
			141 6	Whitehall	
			147 6	Worthington	
			999 9	Balance of county	
026	291	1	999 9	Fulton	051 8400
027	000	2	999 9	Gallia	053 0000
028	067	1	999 9	Geauga	055 1680
029	078	1		Greene	057 2000
			010 5	Beavercreek	
			036 3	Dayton, part	
			046 5	Fairborn	
			148 6	Xenia	
			999 9	Balance of county	
030	000	2		Guernsey	059 0000
			023 6	Cambridge	
			999 9	Balance of county	
031	065	1		Hamilton	061 1640
			028 2	Cincinnati	
			050 6	Forest Park	
			082 6	Montgomery	
			088 6	North College Hill	
			094 5	Norwood	
			104 6	Reading	
			112 6	Sharonville	
			117 6	Springdale	
			999 9	Balance of county	
032	000	2		Hancock	063 0000
			049 5	Findlay	
			051 6	Fostoria, part	
			999 9	Balance of county	
033	000	2	999 9	Hardin	065 0000
034	000	2	999 9	Harrison	067 0000
035	000	2	999 9	Henry	069 0000
036	000	2	999 9	Highland	071 0000
037	000	2	999 9	Hocking	073 0000
038	000	2	999 9	Holmes	075 0000
039	000	2		Huron	077 0000
			093 6	Norwalk	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
36					Ohio	39	
	040	000	2	999	9	Jackson	079 0000
	041	283	1			Jefferson	081 8080
				119	5	Steubenville	
				999	9	Balance of county	
	042	000	2			Knox	083 0000
				083	6	Mount Vernon	
				999	9	Balance of county	
	043	067	1			Lake	085 1680
				041	6	Eastlake	
				078	5	Mentor	
				097	6	Painesville	
				142	6	Wickliffe	
				143	6	Willoughby	
				144	6	Willowick	
				999	9	Balance of county	
	044	131	1			Lawrence	087 3400
				062	6	Ironton	
				999	9	Balance of county	
	045	072	1			Licking	089 1840
				084	5	Newark	
				105	6	Reynoldsburg, part	
				999	9	Balance of county	
	046	000	2			Logan	091 0000
				013	6	Bellefontaine	
				999	9	Balance of county	
	047	173	1			Lorain	093 4440
				003	6	Amherst	
				007	6	Avon Lake	
				043	4	Elyria	
				068	4	Lorain	
				090	6	North Ridgeville	
				113	6	Sheffield Lake	
				133	6	Vermilion, part	
				999	9	Balance of county	
	048	291	1			Lucas	095 8400
				075	6	Maumee	
				095	6	Oregon	
				123	6	Sylvania	
				126	2	Toledo	
				999	9	Balance of county	
	049	072	1	999	9	Madison	097 1840
	050	318	1			Mahoning	099 9320
				002	6	Alliance, part	
				024	6	Campbell	
				122	6	Struthers	
				149	3	Youngstown, part	
				999	9	Balance of county	
	051	000	2			Marion	101 0000
				073	5	Marion	
				999	9	Balance of county	
	052	067	1			Medina	103 1680
				021	5	Brunswick	
				077	6	Medina	
				134	6	Wadsworth	
				999	9	Balance of county	
	053	000	2	999	9	Meigs	105 0000
	054	000	2	999	9	Mercer	107 0000
	055	078	1			Miami	109 2000
				101	6	Piqua	
				127	6	Troy	
				999	9	Balance of county	
	056	000	2	999	9	Monroe	111 0000
	057	078	1			Montgomery	113 2000
				026	6	Centerville	
				036	3	Dayton, part	
				044	6	Englewood	
				061	5	Huber Heights	
				064	4	Kettering	
				079	6	Miamisburg	
				131	6	Vandalia	
				138	6	West Carrollton	
				999	9	Balance of county	
	058	000	2	999	9	Morgan	115 0000
	059	000	2	999	9	Morrow	117 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
36				Ohio	39
	060	000	2	Muskingum	119 0000
			150 5	Zanesville	
			999 9	Balance of county	
	061	000	2	Noble	121 0000
	062	000	2	Ottawa	123 0000
	063	000	2	Paulding	125 0000
	064	000	2	Perry	127 0000
	065	072	1	Pickaway	129 1840
			029 6	Circleville	
			999 9	Balance of county	
	066	000	2	Pike	131 0000
	067	002	1	Portage	133 0080
			063 5	Kent	
			103 6	Ravenna	
			999 9	Balance of county	
	068	000	2	Preble	135 0000
	069	000	2	Putnam	137 0000
	070	181	1	Richland	139 4800
			070 4	Mansfield	
			999 9	Balance of county	
	071	000	2	Ross	141 0000
			027 6	Chillicothe	
			999 9	Balance of county	
	072	000	2	Sandusky	143 0000
			053 6	Fremont	
			999 9	Balance of county	
	073	000	2	Scioto	145 0000
			102 5	Portsmouth	
			999 9	Balance of county	
	074	000	2	Seneca	147 0000
			051 6	Fostoria, part	
			125 6	Tiffin	
			999 9	Balance of county	
	075	000	2	Shelby	149 0000
			114 6	Sidney	
			999 9	Balance of county	
	076	053	1	Stark	151 1320
			002 6	Alliance, part	
			025 4	Canton	
			074 5	Massillon	
			087 6	North Canton	
			999 9	Balance of county	
	077	002	1	Summit	153 0080
			001 3	Akron	
			008 5	Barberton	
			035 5	Cuyahoga Falls	
			092 6	Norton	
			120 5	Stow	
			124 6	Tallmadge	
			999 9	Balance of county	
	078	318	1	Trumbull	155 9320
			057 6	Girard	
			086 6	Niles	
			135 4	Warren	
			149 3	Youngstown, part	
			999 9	Balance of county	
	079	000	2	Tuscarawas	157 0000
			039 6	Dover	
			085 6	New Philadelphia	
			999 9	Balance of county	
	080	072	1	Union	159 1840
	081	000	2	Van Wert	161 0000
			132 6	Van Wert	
			999 9	Balance of county	
	082	000	2	Vinton	163 0000
	083	065	1	Warren	165 1640
			052 6	Franklin	
			999 9	Balance of county	
	084	221	1	Washington	167 6020
			072 6	Marietta	
			999 9	Balance of county	
	085	000	2	Wayne	169 0000
			146 6	Wooster	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
36						Ohio	39		
	086	000	2	999	9	Williams		171	0000
	087	291	1			Wood		173	8400
				016	5	Bowling Green			
				051	6	Fostoria, part			
				100	6	Perrysburg			
				999	9	Balance of county			
	088	000	2	999	9	Wyandot		175	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
37					Oklahoma	40
	001	000	2	999 9	Adair	001 0000
	002	000	2	999 9	Alfalfa	003 0000
	003	000	2	999 9	Atoka	005 0000
	004	000	2	999 9	Beaver	007 0000
	005	000	2	999 9	Beckham	009 0000
	006	000	2	999 9	Blaine	011 0000
	007	000	2		Bryan	013 0000
				011 6	Durant	
				999 9	Balance of county	
	008	000	2	999 9	Caddo	015 0000
	009	213	1		Canadian	017 5880
				013 6	El Reno	
				023 2	Oklahoma City, part	
				033 6	Yukon	
				999 9	Balance of county	
	010	000	2		Carter	019 0000
				003 6	Ardmore	
				999 9	Balance of county	
	011	000	2	999 9	Cherokee	021 0000
	012	000	2	999 9	Choctaw	023 0000
	013	000	2	999 9	Cimarron	025 0000
	014	213	1		Cleveland	027 5880
				020 5	Moore	
				022 4	Norman	
				023 2	Oklahoma City, part	
				999 9	Balance of county	
	015	000	2	999 9	Coal	029 0000
	016	166	1		Comanche	031 4200
				016 4	Lawton	
				999 9	Balance of county	
	017	000	2	999 9	Cotton	033 0000
	018	000	2	999 9	Craig	035 0000
	019	295	1		Creek	037 8560
				027 6	Sapulpa	
				999 9	Balance of county	
	020	000	2	999 9	Custer	039 0000
	021	000	2	999 9	Delaware	041 0000
	022	000	2	999 9	Dewey	043 0000
	023	000	2	999 9	Ellis	045 0000
	024	092	1		Garfield	047 2340
				014 4	Enid	
				999 9	Balance of county	
	025	000	2	999 9	Garvin	049 0000
	026	000	2		Grady	051 0000
				007 6	Chickasha	
				999 9	Balance of county	
	027	000	2	999 9	Grant	053 0000
	028	000	2	999 9	Greer	055 0000
	029	000	2	999 9	Harmon	057 0000
	030	000	2	999 9	Harper	059 0000
	031	000	2	999 9	Haskell	061 0000
	032	000	2	999 9	Hughes	063 0000
	033	000	2		Jackson	065 0000
				002 6	Altus	
				999 9	Balance of county	
	034	000	2	999 9	Jefferson	067 0000
	035	000	2	999 9	Johnston	069 0000
	036	000	2		Kay	071 0000
				025 5	Ponca City	
				999 9	Balance of county	
	037	000	2	999 9	Kingfisher	073 0000
	038	000	2	999 9	Kiowa	075 0000
	039	000	2	999 9	Latimer	077 0000
	040	000	2	999 9	Le Flore	079 0000
	041	000	2	999 9	Lincoln	081 0000
	042	213	1		Logan	083 5880
				015 6	Guthrie	
				999 9	Balance of county	
	043	000	2	999 9	Love	085 0000
	044	213	1		McClain	087 5880
				023 2	Oklahoma City, part	
				999 9	Balance of county	
	045	000	2	999 9	McCurtain	089 0000
	046	000	2	999 9	McIntosh	091 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
37				Oklahoma	40
	047	000	2 999 9	Major	093 0000
	048	000	2 999 9	Marshall	095 0000
	049	000	2 999 9	Mayes	097 0000
	050	000	2 999 9	Murray	099 0000
	051	000	2	Muskogee	101 0000
			021 5	Muskogee	
			999 9	Balance of county	
	052	000	2 999 9	Noble	103 0000
	053	000	2 999 9	Nowata	105 0000
	054	000	2 999 9	Okfuskee	107 0000
	055	213	1	Oklahoma	109 5880
			005 6	Bethany	
			009 5	Del City	
			012 5	Edmond	
			019 5	Midwest City	
			023 2	Oklahoma City, part	
			030 6	The Village	
			999 9	Balance of county	
	056	000	2	Okmulgee	111 0000
			024 6	Okmulgee	
			999 9	Balance of county	
	057	295	1	Osage	113 8560
			004 5	Bartlesville, part	
			026 6	Sand Springs, part	
			031 2	Tulsa, part	
			999 9	Balance of county	
	058	000	2	Ottawa	115 0000
			018 6	Miami	
			999 9	Balance of county	
	059	000	2 999 9	Pawnee	117 0000
	060	000	2	Payne	119 0000
			029 5	Stillwater	
			999 9	Balance of county	
	061	000	2	Pittsburg	121 0000
			017 6	McAlester	
			999 9	Balance of county	
	062	000	2	Pontotoc	123 0000
			001 6	Ada	
			999 9	Balance of county	
	063	213	1	Pottawatomie	125 5880
			023 2	Oklahoma City, part	
			028 5	Shawnee	
			999 9	Balance of county	
	064	000	2 999 9	Pushmataha	127 0000
	065	000	2 999 9	Roger Mills	129 0000
	066	295	1	Rogers	131 8560
			008 6	Claremore	
			999 9	Balance of county	
	067	000	2 999 9	Seminole	133 0000
	068	106	1 999 9	Sequoyah	135 2720
	069	000	2	Stephens	137 0000
			010 6	Duncan	
			999 9	Balance of county	
	070	000	2 999 9	Texas	139 0000
	071	000	2 999 9	Tillman	141 0000
	072	295	1	Tulsa	143 8560
			006 5	Broken Arrow, part	
			026 6	Sand Springs, part	
			031 2	Tulsa, part	
			999 9	Balance of county	
	073	295	1	Wagoner	145 8560
			006 5	Broken Arrow, part	
			999 9	Balance of county	
	074	000	2	Washington	147 0000
			004 5	Bartlesville, part	
			999 9	Balance of county	
	075	000	2 999 9	Washita	149 0000
	076	000	2 999 9	Woods	151 0000
	077	000	2	Woodward	153 0000
			032 6	Woodward	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
38			Oregon	41	
	001 000	2 999 9	Baker	001	0000
	002 000	2	Benton	003	0000
		001 5	Albany, part		
		007 5	Corvallis		
		999 9	Balance of county		
	003 231	1	Clackamas	005	6440
		015 6	Lake Oswego, part		
		019 6	Milwaukie, part		
		021 6	Oregon City		
		023 2	Portland, part		
		028 6	West Linn		
		999 9	Balance of county		
	004 000	2 999 9	Clatsop	007	0000
	005 000	2 999 9	Columbia	009	0000
	006 000	2	Coos	011	0000
		006 6	Coos Bay		
		999 9	Balance of county		
	007 000	2 999 9	Crook	013	0000
	008 000	2 999 9	Curry	015	0000
	009 000	2	Deschutes	017	0000
		004 6	Bend		
		999 9	Balance of county		
	010 000	2	Douglas	019	0000
		024 6	Roseburg		
		999 9	Balance of county		
	011 000	2 999 9	Gilliam	021	0000
	012 000	2 999 9	Grant	023	0000
	013 000	2 999 9	Harney	025	0000
	014 000	2 999 9	Hood River	027	0000
	015 183	1	Jackson	029	4890
		002 6	Ashland		
		018 5	Medford		
		999 9	Balance of county		
	016 000	2 999 9	Jefferson	031	0000
	017 000	2	Josephine	033	0000
		010 6	Grants Pass		
		999 9	Balance of county		
	018 000	2	Klamath	035	0000
		013 6	Klamath Falls		
		999 9	Balance of county		
	019 000	2 999 9	Lake	037	0000
	020 094	1	Lane	039	2400
		008 3	Eugene		
		026 5	Springfield		
		999 9	Balance of county		
	021 000	2 999 9	Lincoln	041	0000
	022 000	2	Linn	043	0000
		001 5	Albany, part		
		016 6	Lebanon		
		999 9	Balance of county		
	023 000	2 999 9	Malheur	045	0000
	024 255	1	Marion	047	7080
		025 4	Salem, part		
		029 6	Woodburn		
		999 9	Balance of county		
	025 000	2 999 9	Morrow	049	0000
	026 231	1	Multnomah	051	6440
		011 5	Gresham		
		015 6	Lake Oswego, part		
		019 6	Milwaukie, part		
		023 2	Portland, part		
		999 9	Balance of county		
	027 255	1	Polk	053	7080
		025 4	Salem, part		
		999 9	Balance of county		
	028 000	2 999 9	Sherman	055	0000
	029 000	2 999 9	Tillamook	057	0000
	030 000	2	Umatilla	059	0000
		022 6	Pendleton		
		999 9	Balance of county		
	031 000	2	Union	061	0000
		014 6	La Grande		
		999 9	Balance of county		
	032 000	2 999 9	Wallowa	063	0000

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Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
38				Oregon	41
	033	000	2	Wasco	065 0000
			005 6	City of the Dalles	
			999 9	Balance of county	
	034	231	1	Washington	067 6440
			003 5	Beaverton	
			009 6	Forest Grove	
			012 5	Hillsboro	
			015 6	Lake Oswego, part	
			023 2	Portland, part	
			027 6	Tigard	
			999 9	Balance of county	
	035	000	2	Wheeler	069 0000
	036	231	1	Yamhill	071 6440
			017 6	McMinnville	
			020 6	Newberg	
			999 9	Balance of county	

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Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
39					Pennsylvania	42	
	001	317	1	999	9 Adams		001 9280
	002	228	1		Allegheny		003 6280
			006	6	Baldwin		
			008	6	Bellevue		
			011	5	Bethel Park		
			015	6	Brentwood		
			022	6	Carnegie		
			023	6	Castle Shannon		
			027	6	Clairton		
			033	6	Dormont		
			035	6	Duquesne		
			039	6	Elizabeth township		
			047	6	Harrison township		
			069	5	McCandless township		
			070	5	McKeesport		
			079	5	Monroeville		
			080	5	Mount Lebanon township		
			082	6	Munhall		
			092	6	North Versailles township		
			095	4	Penn Hills township		
			098	2	Pittsburgh		
			099	5	Plum		
			106	5	Ross township		
			108	6	Scott township		
			110	5	Shaler township		
			113	6	South Park township		
			122	6	Swissvale		
			131	6	Upper St. Clair township		
			138	5	West Mifflin		
			140	6	Whitehall		
			144	6	Wilkinsburg		
			999	9	Balance of county		
	003	000	2	999	9 Armstrong		005 0000
	004	030	1		Beaver		007 0845
			002	6	Aliquippa		
			007	6	Beaver Falls		
			999	9	Balance of county		
	005	000	2	999	9 Bedford		009 0000
	006	240	1		Berks		011 6680
			081	6	Muhlenberg township		
			104	4	Reading		
			999	9	Balance of county		
	007	008	1		Blair		013 0280
			004	4	Altoona		
			999	9	Balance of county		
	008	000	2	999	9 Bradford		015 0000
	009	225	1		Bucks		017 6160
			009	4	Bensalem township		
			016	6	Bristol		
			017	4	Bristol township		
			043	5	Falls township		
			068	6	Lower Southampton township		
			075	5	Middletown township		
			090	5	Northampton township		
			132	6	Upper Southampton township		
			133	5	Warminster township		
			999	9	Balance of county		
	010	000	2		Butler		019 0000
			018	6	Butler		
			999	9	Balance of county		
	011	144	1		Cambria		021 3680
			054	5	Johnstown		
			999	9	Balance of county		
	012	000	2	999	9 Cameron		023 0000
	013	007	1	999	9 Carbon		025 0240
	014	282	1		Centre		027 8050
			118	5	State College		
			999	9	Balance of county		
	015	225	1		Chester		029 6160
			028	6	Coatesville		
			097	6	Phoenixville		
			124	6	Tredyffrin township		
			136	6	West Chester		
			137	6	West Goshen township		

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Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
39			Pennsylvania	42	
		999 9	Balance of county		
016	000 2	999 9	Clarion	031	0000
017	000 2	999 9	Clearfield	033	0000
018	000 2	999 9	Clinton	035	0000
019	269 1		Columbia	037	7560
		010 6	Berwick		
		013 6	Bloomsburg		
		999 9	Balance of county		
020	000 2		Crawford	039	0000
		073 6	Meadville		
		999 9	Balance of county		
021	125 1		Cumberland	041	3240
		021 6	Carlisle		
		038 6	East Pennsboro township		
		062 6	Lower Allen township		
		999 9	Balance of county		
022	125 1		Dauphin	043	3240
		046 4	Harrisburg		
		066 5	Lower Paxton township		
		074 6	Middletown		
		120 6	Susquehanna township		
		121 6	Swatara township		
		999 9	Balance of county		
023	225 1		Delaware	045	6160
		005 6	Aston township		
		026 5	Chester		
		031 6	Darby		
		032 6	Darby township		
		049 4	Haverford township		
		059 6	Lansdowne		
		072 6	Marple township		
		076 6	Middletown township		
		085 6	Nether Providence township		
		088 6	Newtown township		
		103 5	Radnor township		
		105 5	Ridley township		
		115 5	Springfield township		
		126 6	Upper Chichester township		
		127 4	Upper Darby township		
		146 6	Yeadon		
		999 9	Balance of county		
024	000 2	999 9	Elk	047	0000
025	093 1		Erie	049	2360
		042 3	Erie		
		077 5	Millcreek township		
		999 9	Balance of county		
026	228 1		Fayette	051	6280
		030 6	Connellsville		
		125 6	Uniontown		
		999 9	Balance of county		
027	000 2	999 9	Forest	053	0000
028	000 2		Franklin	055	0000
		024 6	Chambersburg		
		999 9	Balance of county		
029	000 2	999 9	Fulton	057	0000
030	000 2	999 9	Greene	059	0000
031	000 2	999 9	Huntingdon	061	0000
032	000 2		Indiana	063	0000
		052 6	Indiana		
		999 9	Balance of county		
033	000 2	999 9	Jefferson	065	0000
034	000 2	999 9	Juniata	067	0000
035	269 1		Lackawanna	069	7560
		020 6	Carbondale		
		034 6	Dunmore		
		109 4	Scranton		
		999 9	Balance of county		
036	160 1		Lancaster	071	4000
		029 6	Columbia		
		041 6	Ephrata		
		056 4	Lancaster		
		057 6	Lancaster township		
		071 5	Manheim township		
		999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
39			Pennsylvania	42	
037	000	2	Lawrence	073	0000
		086 5	New Castle		
		999 9	Balance of county		
038	125	1	Lebanon	075	3240
		061 5	Lebanon		
		999 9	Balance of county		
039	007	1	Lehigh	077	0240
		003 3	Allentown		
		012 4	Bethlehem, part		
		040 6	Emmaus		
		107 6	Salisbury township		
		141 6	Whitehall township		
		999 9	Balance of county		
040	269	1	Luzerne	079	7560
		050 5	Hazleton		
		055 6	Kingston		
		084 6	Nanticoke		
		143 4	Wilkes-Barre		
		999 9	Balance of county		
041	312	1	Lycoming	081	9140
		145 5	Williamsport		
		999 9	Balance of county		
042	000	2	McKean	083	0000
		014 6	Bradford		
		999 9	Balance of county		
043	271	1	Mercer	085	7610
		112 6	Sharon		
		999 9	Balance of county		
044	000	2	Mifflin	087	0000
045	269	1	Monroe	089	7560
046	225	1	Montgomery	091	6160
		001 4	Abington township		
		025 5	Cheltenham township		
		036 6	East Norriton township		
		048 6	Hatfield township		
		058 6	Lansdale		
		064 4	Lower Merion township		
		065 6	Lower Moreland township		
		067 6	Lower Providence township		
		089 5	Norristown		
		100 6	Plymouth township		
		101 6	Pottstown		
		116 5	Springfield township		
		123 6	Towamencin township		
		128 6	Upper Dublin township		
		129 5	Upper Merion township		
		130 5	Upper Moreland township		
		139 6	West Norriton township		
		142 6	Whitemarsh township		
		999 9	Balance of county		
047	000	2	Montour	093	0000
048	007	1	Northampton	095	0240
		012 4	Bethlehem, part		
		037 5	Easton		
		094 6	Palmer township		
		999 9	Balance of county		
049	000	2	Northumberland	097	0000
		111 6	Shamokin		
		119 6	Sunbury		
		999 9	Balance of county		
050	125	1	Perry	099	3240
051	225	1	Philadelphia, coext. with Philadelphia city	101	6160
052	000	2	Pike	103	0000
053	000	2	Potter	105	0000
054	000	2	Schuylkill	107	0000
		102 6	Pottsville		
		999 9	Balance of county		
055	000	2	Snyder	109	0000
056	144	1	Somerset	111	3680
057	000	2	Sullivan	113	0000
058	000	2	Susquehanna	115	0000
059	000	2	Tioga	117	0000
060	000	2	Union	119	0000
061	000	2	Venango	121	0000
		093 6	Oil City		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
39					Pennsylvania	42	
			999	9	Balance of county		
062	000	2			Warren	123	0000
			134	6	Warren		
			999	9	Balance of county		
063	228	1			Washington	125	6280
			019	6	Canonsburg		
			135	6	Washington		
			999	9	Balance of county		
064	000	2			Wayne	127	0000
065	228	1			Westmoreland	129	6280
			044	6	Greensburg		
			051	5	Hempfield township		
			053	6	Jeannette		
			060	6	Latrobe		
			063	6	Lower Burrell		
			078	6	Monessen		
			083	6	Municipality of Murrysville		
			087	6	New Kensington		
			091	5	North Huntingdon township		
			999	9	Balance of county		
066	269	1			Wyoming	131	7560
067	317	1			York	133	9280
			045	6	Hanover		
			114	6	Springettsbury township		
			117	6	Spring Garden township		
			147	5	York		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes				
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA	
40					Rhode Island	44		
	001	234	1		Bristol	001	6483	
			001	6	Barrington town			
			002	6	Bristol town			
			014	6	Warren town			
			999	9	Balance of county			
	002	234	1		Kent	003	6483	
			004	5	Coventry town			
			015	4	Warwick			
			016	5	West Warwick town			
			999	9	Balance of county			
	003	000	2		Newport	005	0000	
			009	6	Middletown town			
			010	5	Newport			
			999	9	Balance of county			
	004	234	1		Providence	007	6483	
			003	6	Central Falls			
			005	4	Cranston			
			006	5	Cumberland town			
			007	4	East Providence			
			008	6	Johnston town			
			011	5	North Providence town			
			012	4	Pawtucket			
			013	3	Providence			
			017	5	Woonsocket			
			999	9	Balance of county			
	005	234	1	999	9	Washington	009	6483

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
41			South Carolina	45	
	001 000	2 999 9	Abbeville	001	0000
	002 021	1	Aiken	003	0600
		001 6	Aiken		
		019 6	North Augusta		
		999 9	Balance of county		
	003 000	2 999 9	Allendale	005	0000
	004 013	1	Anderson	007	0405
		002 5	Anderson		
		999 9	Balance of county		
	005 000	2 999 9	Bamberg	009	0000
	006 000	2 999 9	Barnwell	011	0000
	007 000	2 999 9	Beaufort	013	0000
	008 057	1	Berkeley	015	1440
		011 6	Goose Creek		
		015 6	Hanahan		
		999 9	Balance of county		
	009 000	2 999 9	Calhoun	017	0000
	010 057	1	Charleston	019	1440
		004 4	Charleston		
		017 6	Mount Pleasant		
		020 4	North Charleston		
		999 9	Balance of county		
	011 000	2	Cherokee	021	0000
		009 6	Gaffney		
		999 9	Balance of county		
	012 000	2 999 9	Chester	023	0000
	013 000	2 999 9	Chesterfield	025	0000
	014 000	2 999 9	Clarendon	027	0000
	015 000	2 999 9	Colleton	029	0000
	016 000	2 999 9	Darlington	031	0000
	017 000	2 999 9	Dillon	033	0000
	018 057	1 999 9	Dorchester	035	1440
	019 000	2 999 9	Edgefield	037	0000
	020 000	2 999 9	Fairfield	039	0000
	021 101	1	Florence	041	2655
		008 5	Florence		
		999 9	Balance of county		
	022 000	2	Georgetown	043	0000
		010 6	Georgetown		
		999 9	Balance of county		
	023 122	1	Greenville	045	3160
		012 4	Greenville		
		014 6	Greer, part		
		999 9	Balance of county		
	024 000	2	Greenwood	047	0000
		013 6	Greenwood		
		999 9	Balance of county		
	025 000	2 999 9	Hampton	049	0000
	026 000	2	Horry	051	0000
		006 6	Conway		
		018 6	Myrtle Beach		
		999 9	Balance of county		
	027 000	2 999 9	Jasper	053	0000
	028 000	2 999 9	Kershaw	055	0000
	029 000	2 999 9	Lancaster	057	0000
	030 000	2	Laurens	059	0000
		016 6	Laurens		
		999 9	Balance of county		
	031 000	2 999 9	Lee	061	0000
	032 070	1	Lexington	063	1760
		003 6	Cayce		
		026 6	West Columbia		
		999 9	Balance of county		
	033 000	2 999 9	McCormick	065	0000
	034 000	2 999 9	Marion	067	0000
	035 000	2 999 9	Marlboro	069	0000
	036 000	2 999 9	Newberry	071	0000
	037 000	2 999 9	Oconee	073	0000
	038 000	2	Orangeburg	075	0000
		021 6	Orangeburg		
		999 9	Balance of county		
	039 122	1	Pickens	077	3160
		007 6	Easley		
		999 9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.					
Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
41				South Carolina	45
	040	070	1	Richland	079 1760
			005 3	Columbia	
			999 9	Balance of county	
	041	000	2	Saluda	081 0000
	042	122	1	Spartanburg	083 3160
			014 6	Greer, part	
			023 5	Spartanburg	
			999 9	Balance of county	
	043	000	2	Sumter	085 0000
			024 6	Sumter	
			999 9	Balance of county	
	044	000	2	Union	087 0000
			025 6	Union	
			999 9	Balance of county	
	045	000	2	Williamsburg	089 0000
	046	059	1	York	091 1520
			022 5	Rock Hill	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 93	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
42					South Dakota	46	
	001	000	2	999	9 Aurora	003	0000
	002	000	2		Beadle	005	0000
				003	6 Huron		
				999	9 Balance of county		
	003	000	2	999	9 Bennett	007	0000
	004	000	2	999	9 Bon Homme	009	0000
	005	000	2		Brookings	011	0000
				002	6 Brookings		
				999	9 Balance of county		
	006	000	2		Brown	013	0000
				001	5 Aberdeen		
				999	9 Balance of county		
	007	000	2	999	9 Brule	015	0000
	008	000	2	999	9 Buffalo	017	0000
	009	000	2	999	9 Butte	019	0000
	010	000	2	999	9 Campbell	021	0000
	011	000	2	999	9 Charles Mix	023	0000
	012	000	2	999	9 Clark	025	0000
	013	000	2		Clay	027	0000
				008	6 Vermillion		
				999	9 Balance of county		
	014	000	2		Codington	029	0000
				009	6 Watertown		
				999	9 Balance of county		
	015	000	2	999	9 Corson	031	0000
	016	000	2	999	9 Custer	033	0000
	017	000	2		Davison	035	0000
				004	6 Mitchell		
				999	9 Balance of county		
	018	000	2	999	9 Day	037	0000
	019	000	2	999	9 Deuel	039	0000
	020	000	2	999	9 Dewey	041	0000
	021	000	2	999	9 Douglas	043	0000
	022	000	2	999	9 Edmunds	045	0000
	023	000	2	999	9 Fall River	047	0000
	024	000	2	999	9 Faulk	049	0000
	025	000	2	999	9 Grant	051	0000
	026	000	2	999	9 Gregory	053	0000
	027	000	2	999	9 Haakon	055	0000
	028	000	2	999	9 Hamlin	057	0000
	029	000	2	999	9 Hand	059	0000
	030	000	2	999	9 Hanson	061	0000
	031	000	2	999	9 Harding	063	0000
	032	000	2		Hughes	065	0000
				005	6 Pierre		
				999	9 Balance of county		
	033	000	2	999	9 Hutchinson	067	0000
	034	000	2	999	9 Hyde	069	0000
	035	000	2	999	9 Jackson	071	0000
	036	000	2	999	9 Jerauld	073	0000
	037	000	2	999	9 Jones	075	0000
	038	000	2	999	9 Kingsbury	077	0000
	039	000	2	999	9 Lake	079	0000
	040	000	2	999	9 Lawrence	081	0000
	041	000	2		Lincoln	083	0000
				007	4 Sioux Falls, part		
				999	9 Balance of county		
	042	000	2	999	9 Lyman	085	0000
	043	000	2	999	9 McCook	087	0000
	044	000	2	999	9 McPherson	089	0000
	045	000	2	999	9 Marshall	091	0000
	046	000	2	999	9 Meade	093	0000
	047	000	2	999	9 Mellette	095	0000
	048	000	2	999	9 Miner	097	0000
	049	276	1		Minnehaha	099	7760
				007	4 Sioux Falls, part		
				999	9 Balance of county		
	050	000	2	999	9 Moody	101	0000
	051	239	1		Pennington	103	6660
				006	5 Rapid City		
				999	9 Balance of county		
	052	000	2	999	9 Perkins	105	0000
	053	000	2	999	9 Potter	107	0000
	054	000	2	999	9 Roberts	109	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
42					South Dakota	46	
	055	000	2	999	9 Sanborn	111	0000
	056	000	2	999	9 Shannon	113	0000
	057	000	2	999	9 Spink	115	0000
	058	000	2	999	9 Stanley	117	0000
	059	000	2	999	9 Sully	119	0000
	060	000	2	999	9 Todd	121	0000
	061	000	2	999	9 Tripp	123	0000
	062	000	2	999	9 Turner	125	0000
	063	000	2	999	9 Union	127	0000
	064	000	2	999	9 Walworth	129	0000
	065	000	2		Yankton	135	0000
				010	6 Yankton		
				999	9 Balance of county		
	066	000	2	999	9 Ziebach	137	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						Page 95	
Vital Statistics Codes						FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
43					Tennessee	47	
	001	152	1		Anderson	001	3840
				031 5	Oak Ridge, part		
				999 9	Balance of county		
	002	000	2		Bedford	003	0000
				034 6	Shelbyville		
				999 9	Balance of county		
	003	000	2		Benton	005	0000
	004	000	2		Bledsoe	007	0000
	005	152	1		Blount	009	3840
				025 6	Maryville		
				999 9	Balance of county		
	006	000	2		Bradley	011	0000
				006 5	Cleveland		
				999 9	Balance of county		
	007	000	2		Campbell	013	0000
	008	000	2		Cannon	015	0000
	009	000	2		Carroll	017	0000
	010	143	1		Carter	019	3660
				011 6	Elizabethton		
				019 5	Johnson City, part		
				999 9	Balance of county		
	011	200	1		Cheatham	021	5360
	012	000	2		Chester	023	0000
	013	000	2		Claiborne	025	0000
	014	000	2		Clay	027	0000
	015	000	2		Cocke	029	0000
	016	000	2		Coffee	031	0000
				036 6	Tullahoma, part		
				999 9	Balance of county		
	017	000	2		Crockett	033	0000
	018	000	2		Cumberland	035	0000
	019	200	1		Davidson	037	5360
				030 2	Nashville-Davidson		
				999 9	Balance of county		
	020	000	2		Decatur	039	0000
	021	000	2		De Kalb	041	0000
	022	200	1		Dickson	043	5360
	023	000	2		Dyer	045	0000
				009 6	Dyersburg		
				999 9	Balance of county		
	024	000	2		Fayette	047	0000
	025	000	2		Fentress	049	0000
	026	000	2		Franklin	051	0000
				036 6	Tullahoma, part		
				999 9	Balance of county		
	027	000	2		Gibson	053	0000
				017 6	Humboldt		
				999 9	Balance of county		
	028	000	2		Giles	055	0000
	029	152	1		Grainger	057	3840
	030	000	2		Greene	059	0000
				015 6	Greeneville		
				999 9	Balance of county		
	031	000	2		Grundy	061	0000
	032	000	2		Hamblen	063	0000
				028 6	Morristown		
				999 9	Balance of county		
	033	061	1		Hamilton	065	1560
				004 3	Chattanooga		
				010 6	East Ridge		
				033 6	Red Bank		
				999 9	Balance of county		
	034	000	2		Hancock	067	0000
	035	000	2		Hardeman	069	0000
	036	000	2		Hardin	071	0000
	037	143	1		Hawkins	073	3660
				020 5	Kingsport, part		
				999 9	Balance of county		
	038	000	2		Haywood	075	0000
	039	000	2		Henderson	077	0000
	040	000	2		Henry	079	0000
				032 6	Paris		
				999 9	Balance of county		
	041	000	2		Hickman	081	0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
43					Tennessee	47	
	042	000	2	999 9	Houston	083	0000
	043	000	2	999 9	Humphreys	085	0000
	044	000	2	999 9	Jackson	087	0000
	045	152	1	999 9	Jefferson	089	3840
	046	000	2	999 9	Johnson	091	0000
	047	152	1		Knox	093	3840
				021 3	Knoxville		
				999 9	Balance of county		
	048	000	2	999 9	Lake	095	0000
	049	000	2	999 9	Lauderdale	097	0000
	050	000	2		Lawrence	099	0000
				022 6	Lawrenceburg		
				999 9	Balance of county		
	051	000	2	999 9	Lewis	101	0000
	052	000	2	999 9	Lincoln	103	0000
	053	000	2	999 9	Loudon	105	0000
	054	000	2		McMinn	107	0000
				001 6	Athens		
				999 9	Balance of county		
	055	000	2	999 9	McNairy	109	0000
	056	000	2	999 9	Macon	111	0000
	057	137	1		Madison	113	3580
				018 5	Jackson		
				999 9	Balance of county		
	058	061	1	999 9	Marion	115	1560
	059	000	2	999 9	Marshall	117	0000
	060	000	2		Maury	119	0000
				007 5	Columbia		
				999 9	Balance of county		
	061	000	2	999 9	Meigs	121	0000
	062	000	2	999 9	Monroe	123	0000
	063	066	1		Montgomery	125	1660
				005 4	Clarksville		
				999 9	Balance of county		
	064	000	2	999 9	Moore	127	0000
	065	000	2	999 9	Morgan	129	0000
	066	000	2		Obion	131	0000
				037 6	Union City		
				999 9	Balance of county		
	067	000	2	999 9	Overton	133	0000
	068	000	2	999 9	Perry	135	0000
	069	000	2	999 9	Pickett	137	0000
	070	000	2	999 9	Polk	139	0000
	071	000	2		Putnam	141	0000
				008 6	Cookeville		
				999 9	Balance of county		
	072	000	2	999 9	Rhea	143	0000
	073	000	2		Roane	145	0000
				031 5	Oak Ridge, part		
				999 9	Balance of county		
	074	200	1		Robertson	147	5360
				035 6	Springfield		
				999 9	Balance of county		
	075	200	1		Rutherford	149	5360
				029 5	Murfreesboro		
				999 9	Balance of county		
	076	000	2	999 9	Scott	151	0000
	077	061	1	999 9	Sequatchie	153	1560
	078	152	1	999 9	Sevier	155	3840
	079	185	1		Shelby	157	4920
				002 6	Bartlett		
				014 6	Germantown		
				026 1	Memphis		
				027 6	Millington		
				999 9	Balance of county		
	080	000	2	999 9	Smith	159	0000
	081	000	2	999 9	Stewart	161	0000
	082	143	1		Sullivan	163	3660
				003 6	Bristol		
				020 5	Kingsport, part		
				999 9	Balance of county		
	083	200	1		Sumner	165	5360
				013 6	Gallatin		
				016 5	Hendersonville		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
43				Tennessee	47
			999 9	Balance of county	
084	185	1	999 9	Tipton	167 4920
085	000	2	999 9	Trousdale	169 0000
086	143	1	999 9	Unicoi	171 3660
087	152	1	999 9	Union	173 3840
088	000	2	999 9	Van Buren	175 0000
089	000	2		Warren	177 0000
			024 6	McMinnville	
			999 9	Balance of county	
090	143	1		Washington	179 3660
			019 5	Johnson City, part	
			999 9	Balance of county	
091	000	2	999 9	Wayne	181 0000
092	000	2	999 9	Weakley	183 0000
093	000	2	999 9	White	185 0000
094	200	1		Williamson	187 5360
			012 6	Franklin	
			999 9	Balance of county	
095	200	1		Wilson	189 5360
			023 6	Lebanon	
			999 9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes					
St Cnty	MSA	M/NM	City P/S	State,	County,	City,	or Country Name	St Cnty	MSA
44				Texas				48	
	001	000	2		Anderson			001	0000
				103	6	Palestine			
				999	9	Balance of county			
	002	000	2		Andrews			003	0000
				005	6	Andrews			
				999	9	Balance of county			
	003	000	2		Angelina			005	0000
				086	5	Lufkin			
				999	9	Balance of county			
	004	000	2		Aransas			007	0000
	005	000	2		Archer			009	0000
				151	4	Wichita Falls, part			
				999	9	Balance of county			
	006	000	2		Armstrong			011	0000
	007	000	2		Atascosa			013	0000
	008	000	2		Austin			015	0000
	009	000	2		Bailey			017	0000
	010	000	2		Bandera			019	0000
	011	000	2		Bastrop			021	0000
	012	000	2		Baylor			023	0000
	013	000	2		Bee			025	0000
				015	6	Beeville			
				999	9	Balance of county			
	014	151	1		Bell			027	3810
				017	6	Belton			
				073	5	Killeen			
				132	5	Temple			
				999	9	Balance of county			
	015	259	1		Bexar			029	7240
				121	1	San Antonio			
				138	6	Universal City			
				999	9	Balance of county			
	016	000	2		Blanco			031	0000
	017	000	2		Borden			033	0000
	018	000	2		Bosque			035	0000
	019	290	1		Bowie			037	8360
				134	5	Texarkana			
				999	9	Balance of county			
	020	045	1		Brazoria			039	1145
				003	6	Alvin			
				006	6	Angleton			
				053	6	Freeport			
				075	6	Lake Jackson			
				107	6	Pearland, part			
				999	9	Balance of county			
	021	049	1		Brazos			041	1260
				025	5	Bryan			
				031	5	College Station			
				999	9	Balance of county			
	022	000	2		Brewster			043	0000
	023	000	2		Briscoe			045	0000
	024	000	2		Brooks			047	0000
	025	000	2		Brown			049	0000
				024	6	Brownwood			
				999	9	Balance of county			
	026	000	2		Burleson			051	0000
	027	000	2		Burnet			053	0000
	028	000	2		Caldwell			055	0000
	029	000	2		Calhoun			057	0000
				114	6	Port Lavaca			
				999	9	Balance of county			
	030	000	2		Callahan			059	0000
	031	048	1		Cameron			061	1240
				023	4	Brownsville			
				063	5	Harlingen			
				122	6	San Benito			
				999	9	Balance of county			
	032	000	2		Camp			063	0000
	033	000	2		Carson			065	0000
	034	000	2		Cass			067	0000
	035	000	2		Castro			069	0000
	036	000	2		Chambers			071	0000
				012	4	Baytown, part			
				999	9	Balance of county			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
	037	000	2	Cherokee	073 0000
			070 6	Jacksonville	
			999 9	Balance of county	
	038	000	2	Childress	075 0000
	039	000	2	Clay	077 0000
	040	000	2	Cochran	079 0000
	041	000	2	Coke	081 0000
	042	000	2	Coleman	083 0000
	043	075	1	Collin	085 1920
			029 5	Carrollton, part	
			036 1	Dallas, part	
			057 3	Garland, part	
			088 6	McKinney	
			111 4	Plano, part	
			116 4	Richardson, part	
			999 9	Balance of county	
	044	000	2	Collingsworth	087 0000
	045	000	2	Colorado	089 0000
	046	259	1	Comal	091 7240
			099 6	New Braunfels, part	
			999 9	Balance of county	
	047	000	2	Comanche	093 0000
	048	000	2	Concho	095 0000
	049	000	2	Cooke	097 0000
			055 6	Gainesville	
			999 9	Balance of county	
	050	151	1	Coryell	099 3810
			033 6	Copperas Cove	
			999 9	Balance of county	
	051	000	2	Cottle	101 0000
	052	000	2	Crane	103 0000
	053	000	2	Crockett	105 0000
	054	000	2	Crosby	107 0000
	055	000	2	Culberson	109 0000
	056	000	2	Dallam	111 0000
	057	075	1	Dallas	113 1920
			010 6	Balch Springs	
			029 5	Carrollton, part	
			036 1	Dallas, part	
			041 6	De Soto	
			043 5	Duncanville	
			050 6	Farmers Branch	
			057 3	Garland, part	
			058 4	Grand Prairie, part	
			059 6	Grapevine, part	
			069 3	Irving	
			078 6	Lancaster	
			091 4	Mesquite	
			116 4	Richardson, part	
			139 6	University Park	
			999 9	Balance of county	
	058	000	2	Dawson	115 0000
			077 6	Lamesa	
			999 9	Balance of county	
	059	000	2	Deaf Smith	117 0000
			065 6	Hereford	
			999 9	Balance of county	
	060	000	2	Delta	119 0000
	061	075	1	Denton	121 1920
			029 5	Carrollton, part	
			036 1	Dallas, part	
			040 5	Denton	
			083 6	Lewisville	
			111 4	Plano, part	
			136 6	The Colony	
			999 9	Balance of county	
	062	000	2	De Witt	123 0000
	063	000	2	Dickens	125 0000
	064	000	2	Dimmit	127 0000
	065	000	2	Donley	129 0000
	066	000	2	Duval	131 0000
	067	000	2	Eastland	133 0000
	068	212	1	Ector	135 5800
			101 4	Odessa	

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Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
			999 9	Balance of county	
069	000	2	999 9	Edwards	137 0000
070	075	1		Ellis	139 1920
			048 6	Ennis	
			058 4	Grand Prairie, part	
			146 6	Waxahachie	
			999 9	Balance of county	
071	089	1		El Paso	141 2320
			047 2	El Paso	
			999 9	Balance of county	
072	000	2		Erath	143 0000
			128 6	Stephenville	
			999 9	Balance of county	
073	000	2	999 9	Falls	145 0000
074	000	2	999 9	Fannin	147 0000
075	000	2	999 9	Fayette	149 0000
076	000	2	999 9	Fisher	151 0000
077	000	2	999 9	Floyd	153 0000
078	000	2	999 9	Foard	155 0000
079	130	1		Fort Bend	157 3360
			066 0	Houston, part	
			095 6	Missouri City, part	
			118 6	Rosenberg	
			999 9	Balance of county	
080	000	2	999 9	Franklin	159 0000
081	000	2	999 9	Freestone	161 0000
082	000	2	999 9	Frio	163 0000
083	000	2	999 9	Gaines	165 0000
084	113	1		Galveston	167 2920
			054 6	Friendswood, part	
			056 4	Galveston	
			076 6	La Marque	
			081 6	League City	
			135 5	Texas City	
			999 9	Balance of county	
085	000	2	999 9	Garza	169 0000
086	000	2	999 9	Gillespie	171 0000
087	000	2	999 9	Glasscock	173 0000
088	000	2	999 9	Goliad	175 0000
089	000	2	999 9	Gonzales	177 0000
090	000	2		Gray	179 0000
			104 6	Pampa	
			999 9	Balance of county	
091	273	1		Grayson	181 7640
			039 6	Denison	
			125 5	Sherman	
			999 9	Balance of county	
092	172	1		Gregg	183 4420
			072 6	Kilgore, part	
			084 4	Longview, part	
			999 9	Balance of county	
093	000	2	999 9	Grimes	185 0000
094	259	1		Guadalupe	187 7240
			099 6	New Braunfels, part	
			124 6	Seguin	
			999 9	Balance of county	
095	000	2		Hale	189 0000
			110 6	Plainview	
			999 9	Balance of county	
096	000	2	999 9	Hall	191 0000
097	000	2	999 9	Hamilton	193 0000
098	000	2	999 9	Hansford	195 0000
099	000	2	999 9	Hardeman	197 0000
100	029	1	999 9	Hardin	199 0840
101	130	1		Harris	201 3360
			012 4	Baytown, part	
			016 6	Bellaire	
			037 6	Deer Park	
			054 6	Friendswood, part	
			066 0	Houston, part	
			079 6	La Porte	
			095 6	Missouri City, part	
			106 3	Pasadena	
			107 6	Pearland, part	

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Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44				Texas	48	
			127 6	South Houston		
			149 6	West University Place		
			999 9	Balance of county		
102	172	1		Harrison	203	4420
			084 4	Longview, part		
			089 6	Marshall		
			999 9	Balance of county		
103	000	2	999 9	Hartley	205	0000
104	000	2	999 9	Haskell	207	0000
105	023	1		Hays	209	0640
			123 6	San Marcos		
			999 9	Balance of county		
106	000	2	999 9	Hemphill	211	0000
107	000	2		Henderson	213	0000
			008 6	Athens		
			999 9	Balance of county		
108	182	1		Hidalgo	215	4880
			045 6	Edinburg		
			087 4	McAllen		
			090 6	Mercedes		
			094 6	Mission		
			109 6	Pharr		
			148 6	Weslaco		
			999 9	Balance of county		
109	000	2	999 9	Hill	217	0000
110	000	2		Hockley	219	0000
			082 6	Levelland		
			999 9	Balance of county		
111	000	2	999 9	Hood	221	0000
112	000	2		Hopkins	223	0000
			129 6	Sulphur Springs		
			999 9	Balance of county		
113	000	2	999 9	Houston	225	0000
114	000	2		Howard	227	0000
			019 6	Big Spring		
			999 9	Balance of county		
115	000	2	999 9	Hudspeth	229	0000
116	000	2		Hunt	231	0000
			060 6	Greenville		
			999 9	Balance of county		
117	000	2		Hutchinson	233	0000
			020 6	Borger		
			999 9	Balance of county		
118	000	2	999 9	Irion	235	0000
119	000	2	999 9	Jack	237	0000
120	000	2	999 9	Jackson	239	0000
121	000	2	999 9	Jasper	241	0000
122	000	2	999 9	Jeff Davis	243	0000
123	029	1		Jefferson	245	0840
			013 3	Beaumont		
			061 6	Groves		
			098 6	Nederland		
			112 4	Port Arthur		
			115 6	Port Neches		
			999 9	Balance of county		
124	000	2	999 9	Jim Hogg	247	0000
125	000	2		Jim Wells	249	0000
			002 6	Alice		
			999 9	Balance of county		
126	109	1		Johnson	251	2800
			027 6	Burleson, part		
			030 6	Cleburne		
			999 9	Balance of county		
127	000	2		Jones	253	0000
			001 4	Abilene, part		
			999 9	Balance of county		
128	000	2	999 9	Karnes	255	0000
129	075	1		Kaufman	257	1920
			036 1	Dallas, part		
			133 6	Terrell		
			999 9	Balance of county		
130	000	2	999 9	Kendall	259	0000
131	000	2	999 9	Kenedy	261	0000
132	000	2	999 9	Kent	263	0000

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Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44			Texas	48	
	133	000 2	Kerr		265 0000
		071 6	Kerrville		
		999 9	Balance of county		
	134	000 2	Kimble		267 0000
	135	000 2	King		269 0000
	136	000 2	Kinney		271 0000
	137	000 2	Kleberg		273 0000
		034 3	Corpus Christi, part		
		074 5	Kingsville		
		999 9	Balance of county		
	138	000 2	Knox		275 0000
	139	000 2	Lamar		277 0000
		105 5	Paris		
		999 9	Balance of county		
	140	000 2	Lamb		279 0000
	141	000 2	Lampasas		281 0000
	142	000 2	La Salle		283 0000
	143	000 2	Lavaca		285 0000
	144	000 2	Lee		287 0000
	145	000 2	Leon		289 0000
	146	130 1	Liberty		291 3360
	147	000 2	Limestone		293 0000
	148	000 2	Lipscomb		295 0000
	149	000 2	Live Oak		297 0000
	150	000 2	Llano		299 0000
	151	000 2	Loving		301 0000
	152	176 1	Lubbock		303 4600
		085 3	Lubbock		
		999 9	Balance of county		
	153	000 2	Lynn		305 0000
	154	000 2	McCulloch		307 0000
	155	304 1	McLennan		309 8800
		144 3	Waco		
		999 9	Balance of county		
	156	000 2	McMullen		311 0000
	157	000 2	Madison		313 0000
	158	000 2	Marion		315 0000
	159	000 2	Martin		317 0000
	160	000 2	Mason		319 0000
	161	000 2	Matagorda		321 0000
		011 6	Bay City		
		999 9	Balance of county		
	162	000 2	Maverick		323 0000
		044 6	Eagle Pass		
		999 9	Balance of county		
	163	000 2	Medina		325 0000
	164	000 2	Menard		327 0000
	165	189 1	Midland		329 5040
		092 4	Midland		
		999 9	Balance of county		
	166	000 2	Milam		331 0000
	167	000 2	Mills		333 0000
	168	000 2	Mitchell		335 0000
	169	000 2	Montague		337 0000
	170	130 1	Montgomery		339 3360
		032 6	Conroe		
		066 0	Houston, part		
		999 9	Balance of county		
	171	000 2	Moore		341 0000
		042 6	Dumas		
		999 9	Balance of county		
	172	000 2	Morris		343 0000
	173	000 2	Motley		345 0000
	174	000 2	Nacogdoches		347 0000
		097 5	Nacogdoches		
		999 9	Balance of county		
	175	000 2	Navarro		349 0000
		035 6	Corsicana		
		999 9	Balance of county		
	176	000 2	Newton		351 0000
	177	000 2	Nolan		353 0000
		130 6	Sweetwater		
		999 9	Balance of county		
	178	073 1	Nueces		355 1880
		034 3	Corpus Christi, part		

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Vital Statistics Codes		FIPS Codes				
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
44				Texas	48	
			113 6	Portland, part		
			117 6	Robstown		
			999 9	Balance of county		
179	000	2	999 9	Ochiltree	357	0000
180	000	2	999 9	Oldham	359	0000
181	029	1		Orange	361	0840
			102 6	Orange		
			143 6	Vidor		
			999 9	Balance of county		
182	000	2		Palo Pinto	363	0000
			093 6	Mineral Wells, part		
			999 9	Balance of county		
183	000	2	999 9	Panola	365	0000
184	109	1		Parker	367	2800
			093 6	Mineral Wells, part		
			147 6	Weatherford		
			999 9	Balance of county		
185	000	2	999 9	Parmer	369	0000
186	000	2	999 9	Pecos	371	0000
187	000	2	999 9	Polk	373	0000
188	009	1		Potter	375	0320
			004 3	Amarillo, part		
			999 9	Balance of county		
189	000	2	999 9	Presidio	377	0000
190	000	2	999 9	Rains	379	0000
191	009	1		Randall	381	0320
			004 3	Amarillo, part		
			028 6	Canyon		
			999 9	Balance of county		
192	000	2	999 9	Reagan	383	0000
193	000	2	999 9	Real	385	0000
194	000	2	999 9	Red River	387	0000
195	000	2		Reeves	389	0000
			108 6	Pecos		
			999 9	Balance of county		
196	000	2	999 9	Refugio	391	0000
197	000	2	999 9	Roberts	393	0000
198	000	2	999 9	Robertson	395	0000
199	075	1		Rockwall	397	1920
			036 1	Dallas, part		
			057 3	Garland, part		
			999 9	Balance of county		
200	000	2	999 9	Runnels	399	0000
201	000	2		Rusk	401	0000
			064 6	Henderson		
			072 6	Kilgore, part		
			999 9	Balance of county		
202	000	2	999 9	Sabine	403	0000
203	000	2	999 9	San Augustine	405	0000
204	000	2	999 9	San Jacinto	407	0000
205	073	1		San Patricio	409	1880
			034 3	Corpus Christi, part		
			113 6	Portland, part		
			999 9	Balance of county		
206	000	2	999 9	San Saba	411	0000
207	000	2	999 9	Schleicher	413	0000
208	000	2		Scurry	415	0000
			126 6	Snyder		
			999 9	Balance of county		
209	000	2	999 9	Shackelford	417	0000
210	000	2	999 9	Shelby	419	0000
211	000	2	999 9	Sherman	421	0000
212	297	1		Smith	423	8640
			137 4	Tyler		
			999 9	Balance of county		
213	000	2	999 9	Somervell	425	0000
214	000	2	999 9	Starr	427	0000
215	000	2	999 9	Stephens	429	0000
216	000	2	999 9	Sterling	431	0000
217	000	2	999 9	Stonewall	433	0000
218	000	2	999 9	Sutton	435	0000
219	000	2	999 9	Swisher	437	0000
220	109	1		Tarrant	439	2800
			007 3	Arlington		

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Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
44				Texas	48
			014 6	Bedford	
			018 6	Benbrook	
			027 6	Burleson, part	
			049 6	Eules	
			051 6	Forest Hill	
			052 2	Fort Worth	
			058 4	Grand Prairie, part	
			059 6	Grapevine, part	
			062 5	Haltom City	
			068 5	Hurst	
			100 5	North Richland Hills	
			145 6	Watauga	
			150 6	White Settlement	
			999 9	Balance of county	
221	001	1		Taylor	441 0040
			001 4	Abilene, part	
			999 9	Balance of county	
222	000	2	999 9	Terrell	443 0000
223	000	2		Terry	445 0000
			022 6	Brownfield	
			999 9	Balance of county	
224	000	2	999 9	Throckmorton	447 0000
225	000	2		Titus	449 0000
			096 6	Mount Pleasant	
			999 9	Balance of county	
226	258	1		Tom Green	451 7200
			120 4	San Angelo	
			999 9	Balance of county	
227	023	1		Travis	453 0640
			009 2	Austin, part	
			119 6	Round Rock, part	
			999 9	Balance of county	
228	000	2	999 9	Trinity	455 0000
229	000	2	999 9	Tyler	457 0000
230	000	2	999 9	Upshur	459 0000
231	000	2	999 9	Upton	461 0000
232	000	2		Uvalde	463 0000
			140 6	Uvalde	
			999 9	Balance of county	
233	000	2		Val Verde	465 0000
			038 5	Del Rio	
			999 9	Balance of county	
234	000	2	999 9	Van Zandt	467 0000
235	301	1		Victoria	469 8750
			142 4	Victoria	
			999 9	Balance of county	
236	000	2		Walker	471 0000
			067 6	Huntsville	
			999 9	Balance of county	
237	130	1	999 9	Waller	473 3360
238	000	2	999 9	Ward	475 0000
239	000	2		Washington	477 0000
			021 6	Brenham	
			999 9	Balance of county	
240	162	1		Webb	479 4080
			080 4	Laredo	
			999 9	Balance of county	
241	000	2		Wharton	481 0000
			046 6	El Campo	
			999 9	Balance of county	
242	000	2	999 9	Wheeler	483 0000
243	311	1		Wichita	485 9080
			026 6	Burkburnett	
			151 4	Wichita Falls, part	
			999 9	Balance of county	
244	000	2		Wilbarger	487 0000
			141 6	Vernon	
			999 9	Balance of county	
245	000	2	999 9	Willacy	489 0000
246	023	1		Williamson	491 0640
			009 2	Austin, part	
			119 6	Round Rock, part	
			131 6	Taylor	
			999 9	Balance of county	

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Vital Statistics Codes						FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
44						Texas	48
	247	000	2	999	9	Wilson	493 0000
	248	000	2	999	9	Winkler	495 0000
	249	000	2	999	9	Wise	497 0000
	250	000	2	999	9	Wood	499 0000
	251	000	2	999	9	Yoakum	501 0000
	252	000	2	999	9	Young	503 0000
	253	000	2	999	9	Zapata	505 0000
	254	000	2	999	9	Zavala	507 0000

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Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
45					Utah	49	
	001	000	2	999	9	Beaver	001 0000
	002	000	2			Box Elder	003 0000
				003	6	Brigham City	
				999	9	Balance of county	
	003	000	2			Cache	005 0000
				007	5	Logan	
				999	9	Balance of county	
	004	000	2	999	9	Carbon	007 0000
	005	000	2	999	9	Daggett	009 0000
	006	257	1			Davis	011 7160
				002	5	Bountiful	
				005	6	Clearfield	
				006	6	Layton	
				999	9	Balance of county	
	007	000	2	999	9	Duchesne	013 0000
	008	000	2	999	9	Emery	015 0000
	009	000	2	999	9	Garfield	017 0000
	010	000	2	999	9	Grand	019 0000
	011	000	2			Iron	021 0000
				004	6	Cedar City	
				999	9	Balance of county	
	012	000	2	999	9	Juab	023 0000
	013	000	2	999	9	Kane	025 0000
	014	000	2	999	9	Millard	027 0000
	015	000	2	999	9	Morgan	029 0000
	016	000	2	999	9	Piute	031 0000
	017	000	2	999	9	Rich	033 0000
	018	257	1			Salt Lake	035 7160
				008	6	Midvale	
				009	5	Murray	
				016	3	Salt Lake City	
				017	4	Sandy City	
				019	6	South Salt Lake	
				022	5	West Jordan	
				999	9	Balance of county	
	019	000	2	999	9	San Juan	037 0000
	020	000	2	999	9	Sanpete	039 0000
	021	000	2	999	9	Sevier	041 0000
	022	000	2	999	9	Summit	043 0000
	023	000	2			Tooele	045 0000
				021	6	Tooele	
				999	9	Balance of county	
	024	000	2	999	9	Uintah	047 0000
	025	235	1			Utah	049 6520
				001	6	American Fork	
				011	4	Orem	
				012	6	Pleasant Grove	
				013	4	Provo	
				020	6	Springville	
				999	9	Balance of county	
	026	000	2	999	9	Wasatch	051 0000
	027	000	2			Washington	053 0000
				015	6	St. George	
				999	9	Balance of county	
	028	000	2	999	9	Wayne	055 0000
	029	257	1			Weber	057 7160
				010	4	Ogden	
				014	6	Roy	
				018	6	South Ogden	
				999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

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Vermont

50

MSA	M/NM	City	P/S	State, County, City, or Country Name	FIPS Codes
001	000	2	999 9	Addison	001 0000
002	000	2	999 9	Bennington	003 0000
003	000	2	999 9	Caledonia	005 0000
004	052	1		Chittenden	007 1303
			001 5	Burlington	
			003 6	South Burlington	
			999 9	Balance of county	
005	000	2	999 9	Essex	009 0000
006	000	2	999 9	Franklin	011 0000
007	052	1	999 9	Grand Isle	013 1303
008	000	2	999 9	Lamoille	015 0000
009	000	2	999 9	Orange	017 0000
010	000	2	999 9	Orleans	019 0000
011	000	2		Rutland	021 0000
			002 6	Rutland	
			999 9	Balance of county	
012	000	2	999 9	Washington	023 0000
013	000	2	999 9	Windham	025 0000
014	000	2	999 9	Windsor	027 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
47					Virginia	51	
	001	000	2	999	9	Accomack	001 0000
	002	060	1	999	9	Albemarle	003 1540
	003	305	1	001	3	Alexandria city	510 8840
	004	000	2	999	9	Alleghany	005 0000
	005	000	2	999	9	Amelia	007 0000
	006	177	1	999	9	Amherst	009 4640
	007	000	2	999	9	Appomattox	011 0000
	008	305	1			Arlington	013 8840
				002	3	Arlington	
	009	000	2	999	9	Augusta	015 0000
	010	000	2	999	9	Bath	017 0000
	011	000	2	999	9	Bedford	019 0000
	012	000	2	999	9	Bedford city	515 0000
	013	000	2	999	9	Bland	021 0000
	014	246	1	999	9	Botetourt	023 6800
	015	143	1	004	6	Bristol city	520 3660
	016	000	2	999	9	Brunswick	025 0000
	017	000	2	999	9	Buchanan	027 0000
	018	000	2	999	9	Buckingham	029 0000
	019	000	2	999	9	Buena Vista city	530 0000
	020	177	1	999	9	Campbell	031 4640
	021	000	2	999	9	Caroline	033 0000
	022	000	2	999	9	Carroll	035 0000
	023	244	1	999	9	Charles City	036 6760
	024	000	2	999	9	Charlotte	037 0000
	025	060	1	005	5	Charlottesville city	540 1540
	026	209	1	006	3	Chesapeake city	550 5720
	027	244	1	999	9	Chesterfield	041 6760
	028	000	2	999	9	Clarke	043 0000
	029	000	2	999	9	Clifton Forge city	560 0000
	030	244	1	008	6	Colonial Heights city	570 6760
	031	000	2	999	9	Covington city	580 0000
	032	000	2	999	9	Craig	045 0000
	033	000	2	999	9	Culpeper	047 0000
	034	000	2	999	9	Cumberland	049 0000
	035	076	1	009	5	Danville city	590 1950
	036	000	2	999	9	Dickenson	051 0000
	037	244	1	999	9	Dinwiddie	053 6760
	038	000	2	999	9	Emporia city	595 0000
	039	000	2	999	9	Essex	057 0000
	040	305	1			Fairfax	059 8840
				015	6	Herndon	
				031	6	Vienna	
				999	9	Balance of county	
	041	305	1	010	6	Fairfax city	600 8840
	042	305	1	999	9	Falls Church city	610 8840
	043	000	2	999	9	Fauquier	061 0000
	044	000	2	999	9	Floyd	063 0000
	045	060	1	999	9	Fluvanna	065 1540
	046	000	2	999	9	Franklin	067 0000
	047	000	2	999	9	Franklin city	620 0000
	048	000	2	999	9	Frederick	069 0000
	049	000	2	011	6	Fredericksburg city	630 0000
	050	000	2	999	9	Galax city	640 0000
	051	000	2	999	9	Giles	071 0000
	052	209	1	999	9	Gloucester	073 5720
	053	244	1	999	9	Goochland	075 6760
	054	000	2	999	9	Grayson	077 0000
	055	060	1	999	9	Greene	079 1540
	056	000	2	999	9	Greensville	081 0000
	057	000	2	999	9	Halifax	083 0000
	058	209	1	013	3	Hampton city	650 5720
	059	244	1	999	9	Hanover	085 6760
	060	000	2	014	6	Harrisonburg city	660 0000
	061	244	1	999	9	Henrico	087 6760
	062	000	2	999	9	Henry	089 0000
	063	000	2	999	9	Highland	091 0000
	064	244	1	016	6	Hopewell city	670 6760
	065	000	2	999	9	Isle of Wight	093 0000
	066	209	1	999	9	James City	095 5720
	067	000	2	999	9	King and Queen	097 0000
	068	000	2	999	9	King George	099 0000
	069	000	2	999	9	King William	101 0000
	070	000	2	999	9	Lancaster	103 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
47				Virginia	51
	071	000	2 999 9	Lee	105 0000
	072	000	2 999 9	Lexington city	678 0000
	073	305	1 999 9	Loudoun	107 8840
	074	000	2 999 9	Louisa	109 0000
	075	000	2 999 9	Lunenburg	111 0000
	076	177	1 017 4	Lynchburg city	680 4640
	077	000	2 999 9	Madison	113 0000
	078	305	1 018 6	Manassas city	683 8840
	079	305	1 999 9	Manassas Park city	685 8840
	080	000	2 019 6	Martinsville city	690 0000
	081	000	2 999 9	Mathews	115 0000
	082	000	2 999 9	Mecklenburg	117 0000
	083	000	2 999 9	Middlesex	119 0000
	084	000	2	Montgomery	121 0000
			003 5	Blacksburg	
			007 6	Christiansburg	
			999 9	Balance of county	
	085	000	2 999 9	Nelson	125 0000
	086	244	1 999 9	New Kent	127 6760
	087	209	1 020 3	Newport News city	700 5720
	088	209	1 021 2	Norfolk city	710 5720
	089	000	2 999 9	Northampton	131 0000
	090	000	2 999 9	Northumberland	133 0000
	091	000	2 999 9	Norton city	720 0000
	092	000	2 999 9	Nottoway	135 0000
	093	000	2 999 9	Orange	137 0000
	094	000	2 999 9	Page	139 0000
	095	000	2 999 9	Patrick	141 0000
	096	244	1 022 5	Petersburg city	730 6760
	097	076	1 999 9	Pittsylvania	143 1950
	098	209	1 999 9	Poquoson city	735 5720
	099	209	1 023 3	Portsmouth city	740 5720
	100	244	1 999 9	Powhatan	145 6760
	101	000	2 999 9	Prince Edward	147 0000
	102	244	1 999 9	Prince George	149 6760
	103	305	1 999 9	Prince William	153 8840
	104	000	2	Pulaski	155 0000
			024 6	Pulaski	
			999 9	Balance of county	
	105	000	2 025 6	Radford city	750 0000
	106	000	2 999 9	Rappahannock	157 0000
	107	000	2 999 9	Richmond	159 0000
	108	244	1 026 3	Richmond city	760 6760
	109	246	1 999 9	Roanoke	161 6800
	110	246	1 027 3	Roanoke city	770 6800
	111	000	2 999 9	Rockbridge	163 0000
	112	000	2 999 9	Rockingham	165 0000
	113	000	2 999 9	Russell	167 0000
	114	246	1 028 6	Salem city	775 6800
	115	143	1 999 9	Scott	169 3660
	116	000	2 999 9	Shenandoah	171 0000
	117	000	2 999 9	Smyth	173 0000
	118	000	2 999 9	Southampton	175 0000
	119	000	2 999 9	South Boston city	780 0000
	120	000	2 999 9	Spotsylvania	177 0000
	121	305	1 999 9	Stafford	179 8840
	122	000	2 029 6	Staunton city	790 0000
	123	209	1 030 5	Suffolk city	800 5720
	124	000	2 999 9	Surry	181 0000
	125	000	2 999 9	Sussex	183 0000
	126	000	2 999 9	Tazewell	185 0000
	127	209	1 032 2	Virginia Beach city	810 5720
	128	000	2	Warren	187 0000
			012 6	Front Royal	
			999 9	Balance of county	
	129	143	1 999 9	Washington	191 3660
	130	000	2 033 6	Waynesboro city	820 0000
	131	000	2 999 9	Westmoreland	193 0000
	132	209	1 999 9	Williamsburg city	830 5720
	133	000	2 034 6	Winchester city	840 0000
	134	000	2 999 9	Wise	195 0000
	135	000	2 999 9	Wythe	197 0000
	136	209	1 999 9	York	199 5720

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
48			Washington	53	
	001	000 2	999 9 Adams		001 0000
	002	000 2	999 9 Asotin		003 0000
	003	243 1	Benton		005 6740
			011 5 Kennewick		
			029 5 Richland		
			999 9 Balance of county		
	004	000 2	Chelan		007 0000
			035 6 Wenatchee		
			999 9 Balance of county		
	005	000 2	Clallam		009 0000
			024 6 Port Angeles		
			999 9 Balance of county		
	006	300 1	Clark		011 8725
			033 5 Vancouver		
			999 9 Balance of county		
	007	000 2	999 9 Columbia		013 0000
	008	000 2	Cowlitz		015 0000
			010 6 Kelso		
			015 5 Longview		
			999 9 Balance of county		
	009	000 2	999 9 Douglas		017 0000
	010	000 2	999 9 Ferry		019 0000
	011	243 1	Franklin		021 6740
			023 6 Pasco		
			999 9 Balance of county		
	012	000 2	999 9 Garfield		023 0000
	013	000 2	999 9 Grant		025 0000
			018 6 Moses Lake		
			999 9 Balance of county		
	014	000 2	Grays Harbor		027 0000
			001 6 Aberdeen		
			999 9 Balance of county		
	015	000 2	Island		029 0000
			021 6 Oak Harbor		
			999 9 Balance of county		
	016	000 2	999 9 Jefferson		031 0000
	017	270 1	King		033 7600
			002 5 Auburn		
			003 4 Bellevue		
			012 6 Kent		
			013 6 Kirkland		
			017 6 Mercer Island		
			027 6 Redmond		
			028 5 Renton		
			030 2 Seattle		
			999 9 Balance of county		
	018	046 1	Kitsap		035 1150
			005 5 Bremerton		
			999 9 Balance of county		
	019	000 2	Kittitas		037 0000
			008 6 Ellensburg		
			999 9 Balance of county		
	020	000 2	999 9 Klickitat		039 0000
	021	000 2	999 9 Lewis		041 0000
			006 6 Centralia		
			999 9 Balance of county		
	022	000 2	999 9 Lincoln		043 0000
	023	000 2	999 9 Mason		045 0000
	024	000 2	999 9 Okanogan		047 0000
	025	000 2	999 9 Pacific		049 0000
	026	000 2	999 9 Pend Oreille		051 0000
	027	286 1	Pierce		053 8200
			026 6 Puyallup		
			032 3 Tacoma		
			999 9 Balance of county		
	028	000 2	999 9 San Juan		055 0000
	029	000 2	Skagit		057 0000
			020 6 Mount Vernon		
			999 9 Balance of county		
	030	000 2	999 9 Skamania		059 0000
	031	270 1	Snohomish		061 7600
			007 5 Edmonds		
			009 4 Everett		
			016 6 Lynnwood		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						FIPS Codes	
Vital Statistics Codes						St Cnty	MSA
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
48					Washington	53	
			019	6	Mountlake Terrace		
			999	9	Balance of county		
032	278	1			Spokane	063	7840
			031	3	Spokane		
			999	9	Balance of county		
033	000	2	999	9	Stevens	065	0000
034	214	1			Thurston	067	5910
			014	6	Lacey		
			022	5	Olympia		
			999	9	Balance of county		
035	000	2	999	9	Wahkiakum	069	0000
036	000	2			Walla Walla	071	0000
			034	5	Walla Walla		
			999	9	Balance of county		
037	031	1			Whatcom	073	0860
			004	5	Bellingham		
			999	9	Balance of county		
038	000	2			Whitman	075	0000
			025	6	Pullman		
			999	9	Balance of county		
039	316	1			Yakima	077	9260
			036	5	Yakima		
			999	9	Balance of county		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
49				West Virginia	54
	001	000	2 999 9	Barbour	001 0000
	002	000	2	Berkeley	003 0000
			007 6	Martinsburg	
			999 9	Balance of county	
	003	000	2 999 9	Boone	005 0000
	004	000	2 999 9	Braxton	007 0000
	005	283	1	Brooke	009 8080
			014 6	Weirton, part	
			999 9	Balance of county	
	006	131	1	Cabell	011 3400
			006 4	Huntington, part	
			999 9	Balance of county	
	007	000	2 999 9	Calhoun	013 0000
	008	000	2 999 9	Clay	015 0000
	009	000	2 999 9	Doddridge	017 0000
	010	000	2 999 9	Fayette	019 0000
	011	000	2 999 9	Gilmer	021 0000
	012	000	2 999 9	Grant	023 0000
	013	000	2 999 9	Greenbrier	025 0000
	014	000	2 999 9	Hampshire	027 0000
	015	283	1	Hancock	029 8080
			014 6	Weirton, part	
			999 9	Balance of county	
	016	000	2 999 9	Hardy	031 0000
	017	000	2	Harrison	033 0000
			004 6	Clarksburg	
			999 9	Balance of county	
	018	000	2 999 9	Jackson	035 0000
	019	000	2 999 9	Jefferson	037 0000
	020	058	1	Kanawha	039 1480
			003 4	Charleston	
			011 6	St. Albans	
			012 6	South Charleston	
			999 9	Balance of county	
	021	000	2 999 9	Lewis	041 0000
	022	000	2 999 9	Lincoln	043 0000
	023	000	2 999 9	Logan	045 0000
	024	000	2 999 9	McDowell	047 0000
	025	000	2	Marion	049 0000
			005 6	Fairmont	
			999 9	Balance of county	
	026	309	1	Marshall	051 9000
			009 6	Moundsville	
			015 5	Wheeling, part	
			999 9	Balance of county	
	027	000	2 999 9	Mason	053 0000
	028	000	2	Mercer	055 0000
			002 6	Bluefield	
			999 9	Balance of county	
	029	074	1 999 9	Mineral	057 1900
	030	000	2 999 9	Mingo	059 0000
	031	000	2	Monongalia	061 0000
			008 5	Morgantown	
			999 9	Balance of county	
	032	000	2 999 9	Monroe	063 0000
	033	000	2 999 9	Morgan	065 0000
	034	000	2 999 9	Nicholas	067 0000
	035	309	1	Ohio	069 9000
			015 5	Wheeling, part	
			999 9	Balance of county	
	036	000	2 999 9	Pendleton	071 0000
	037	000	2 999 9	Pleasants	073 0000
	038	000	2 999 9	Pocahontas	075 0000
	039	000	2 999 9	Preston	077 0000
	040	058	1 999 9	Putnam	079 1480
	041	000	2	Raleigh	081 0000
			001 6	Beckley	
			999 9	Balance of county	
	042	000	2 999 9	Randolph	083 0000
	043	000	2 999 9	Ritchie	085 0000
	044	000	2 999 9	Roane	087 0000
	045	000	2 999 9	Summers	089 0000
	046	000	2 999 9	Taylor	091 0000
	047	000	2 999 9	Tucker	093 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes		
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
49					West Virginia	54	
	048	000	2	999 9	Tyler		095 0000
	049	000	2	999 9	Upshur		097 0000
	050	131	1		Wayne		099 3400
				006 4	Huntington, part		
				999 9	Balance of county		
	051	000	2	999 9	Webster		101 0000
	052	000	2	999 9	Wetzel		103 0000
	053	000	2	999 9	Wirt		105 0000
	054	221	1		Wood		107 6020
				010 5	Parkersburg		
				013 6	Vienna		
				999 9	Balance of county		
	055	000	2	999 9	Wyoming		109 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes					FIPS Codes				
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
50						Wisconsin	55		
	001	000	2	999	9	Adams		001	0000
	002	000	2	999	9	Ashland		003	0000
	003	000	2	999	9	Barron		005	0000
	004	000	2	999	9	Bayfield		007	0000
	005	120	1			Brown		009	3080
				001	6	Allouez town			
				003	6	Ashwaubenon			
				010	6	De Pere			
				016	4	Green Bay			
				999	9	Balance of county			
	006	000	2	999	9	Buffalo		011	0000
	007	000	2	999	9	Burnett		013	0000
	008	016	1			Calumet		015	0460
				002	4	Appleton, part			
				999	9	Balance of county			
	009	088	1			Chippewa		017	2290
				008	6	Chippewa Falls			
				011	4	Eau Claire, part			
				999	9	Balance of county			
	010	000	2	999	9	Clark		019	0000
	011	000	2	999	9	Columbia		021	0000
	012	000	2	999	9	Crawford		023	0000
	013	179	1			Dane		025	4720
				023	3	Madison			
				031	6	Middleton			
				045	6	Sun Prairie			
				999	9	Balance of county			
	014	000	2			Dodge		027	0000
				004	6	Beaver Dam			
				048	6	Watertown, part			
				999	9	Balance of county			
	015	000	2	999	9	Door		029	0000
	016	087	1			Douglas		031	2240
				046	5	Superior			
				999	9	Balance of county			
	017	000	2			Dunn		033	0000
				029	6	Menomonie			
				999	9	Balance of county			
	018	088	1			Eau Claire		035	2290
				011	4	Eau Claire, part			
				999	9	Balance of county			
	019	000	2	999	9	Florence		037	0000
	020	000	2			Fond du Lac		039	0000
				012	5	Fond du Lac			
				999	9	Balance of county			
	021	000	2	999	9	Forest		041	0000
	022	000	2	999	9	Grant		043	0000
	023	000	2			Green		045	0000
				033	6	Monroe			
				999	9	Balance of county			
	024	000	2	999	9	Green Lake		047	0000
	025	000	2	999	9	Iowa		049	0000
	026	000	2	999	9	Iron		051	0000
	027	000	2	999	9	Jackson		053	0000
	028	000	2			Jefferson		055	0000
				048	6	Watertown, part			
				055	6	Whitewater, part			
				999	9	Balance of county			
	029	000	2	999	9	Juneau		057	0000
	030	150	1			Kenosha		059	3800
				021	4	Kenosha			
				999	9	Balance of county			
	031	000	2	999	9	Kewaunee		061	0000
	032	154	1			La Crosse		063	3870
				022	5	La Crosse			
				999	9	Balance of county			
	033	000	2	999	9	Lafayette		065	0000
	034	000	2	999	9	Langlade		067	0000
	035	000	2	999	9	Lincoln		069	0000
	036	000	2			Manitowoc		071	0000
				024	5	Manitowoc			
				047	6	Two Rivers			
				999	9	Balance of county			
	037	307	1			Marathon		073	8940
				026	6	Marshfield, part			

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

FIPS Codes

St Cnty MSA M/NM City P/S State, County, City, or Country Name

St Cnty MSA

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Wisconsin

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St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
			050	5	Wausau		
			999	9	Balance of county		
038	000	2			Marinette	075	0000
			025	6	Marinette		
			999	9	Balance of county		
039	000	2	999	9	Marquette	077	0000
040	000	2	999	9	Menominee	078	0000
041	190	1			Milwaukee	079	5080
			007	6	Brown Deer		
			009	6	Cudahy		
			013	6	Franklin		
			015	6	Glendale		
			017	6	Greendale		
			018	5	Greenfield		
			032	1	Milwaukee, part		
			037	6	Oak Creek		
			040	6	St. Francis		
			042	6	Shorewood		
			043	6	South Milwaukee		
			051	4	Wauwatosa		
			052	4	West Allis		
			054	6	Whitefish Bay		
			999	9	Balance of county		
042	000	2	999	9	Monroe	081	0000
043	000	2	999	9	Oconto	083	0000
044	000	2	999	9	Oneida	085	0000
045	016	1			Outagamie	087	0460
			002	4	Appleton, part		
			020	6	Kaukauna		
			999	9	Balance of county		
046	190	1			Ozaukee	089	5080
			030	6	Mequon		
			999	9	Balance of county		
047	000	2	999	9	Pepin	091	0000
048	000	2	999	9	Pierce	093	0000
049	000	2	999	9	Polk	095	0000
050	000	2			Portage	097	0000
			044	6	Stevens Point		
			999	9	Balance of county		
051	000	2	999	9	Price	099	0000
052	237	1			Racine	101	6600
			039	4	Racine		
			999	9	Balance of county		
053	000	2	999	9	Richland	103	0000
054	141	1			Rock	105	3620
			005	5	Beloit		
			019	4	Janesville		
			999	9	Balance of county		
055	000	2	999	9	Rusk	107	0000
056	191	1	999	9	St. Croix	109	5120
057	000	2	999	9	Sauk	111	0000
058	000	2	999	9	Sawyer	113	0000
059	000	2	999	9	Shawano	115	0000
060	272	1			Sheboygan	117	7620
			041	5	Sheboygan		
			999	9	Balance of county		
061	000	2	999	9	Taylor	119	0000
062	000	2	999	9	Trempealeau	121	0000
063	000	2	999	9	Vernon	123	0000
064	000	2	999	9	Vilas	125	0000
065	000	2			Walworth	127	0000
			055	6	Whitewater, part		
			999	9	Balance of county		
066	000	2	999	9	Washburn	129	0000
067	190	1			Washington	131	5080
			014	6	Germantown		
			032	1	Milwaukee, part		
			053	6	West Bend		
			999	9	Balance of county		
068	190	1			Waukesha	133	5080
			006	5	Brookfield		
			028	5	Menomonee Falls		
			034	6	Muskego		
			036	5	New Berlin		

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	FIPS Codes St Cnty MSA
50					Wisconsin	55
			049	4	Waukesha	
			999	9	Balance of county	
069	000	2	999	9	Waupaca	135 0000
070	000	2	999	9	Waushara	137 0000
071	016	1			Winnebago	139 0460
			002	4	Appleton, part	
			027	6	Menasha	
			035	6	Neenah	
			038	5	Oshkosh	
			999	9	Balance of county	
072	000	2			Wood	141 0000
			026	6	Marshfield, part	
			056	6	Wisconsin Rapids	
			999	9	Balance of county	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
51				Wyoming	56
001	000	2		Albany	001 0000
			005 6	Laramie	
			999 9	Balance of county	
002	000	2	999 9	Big Horn	003 0000
003	000	2		Campbell	005 0000
			003 6	Gillette	
			999 9	Balance of county	
004	000	2		Carbon	007 0000
			006 6	Rawlins	
			999 9	Balance of county	
005	000	2	999 9	Converse	009 0000
006	000	2	999 9	Crook	011 0000
007	000	2	999 9	Fremont	013 0000
008	000	2	999 9	Goshen	015 0000
009	000	2	999 9	Hot Springs	017 0000
010	000	2	999 9	Johnson	019 0000
011	062	1		Laramie	021 1580
			002 5	Cheyenne	
			999 9	Balance of county	
012	000	2	999 9	Lincoln	023 0000
013	054	1		Natrona	025 1350
			001 4	Casper	
			999 9	Balance of county	
014	000	2	999 9	Niobrara	027 0000
015	000	2	999 9	Park	029 0000
016	000	2	999 9	Platte	031 0000
017	000	2		Sheridan	033 0000
			008 6	Sheridan	
			999 9	Balance of county	
018	000	2	999 9	Sublette	035 0000
019	000	2		Sweetwater	037 0000
			004 6	Green River	
			007 6	Rock Springs	
			999 9	Balance of county	
020	000	2	999 9	Teton	039 0000
021	000	2	999 9	Uinta	041 0000
022	000	2	999 9	Washakie	043 0000
023	000	2	999 9	Weston	045 0000

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.

Vital Statistics Codes						FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name		
St	Cnty	MSA				St	Cnty	MSA
52	ZZZ	ZZZ	Z	ZZZ	Z	Puerto Rico	00	000 0000
53	ZZZ	ZZZ	Z	ZZZ	Z	Virgin Islands	00	000 0000
54	ZZZ	ZZZ	Z	ZZZ	Z	Guam	00	000 0000
55	ZZZ	ZZZ	Z	ZZZ	Z	Canada	00	000 0000
56	ZZZ	ZZZ	Z	ZZZ	Z	Cuba	00	000 0000
57	ZZZ	ZZZ	Z	ZZZ	Z	Mexico	00	000 0000
59	ZZZ	ZZZ	Z	ZZZ	Z	Remainder of World	00	000 0000

List of Metropolitan Statistical Areas
and their Component Counties

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
001	44	221	Abilene, TX MSA Texas Taylor	0040	48	441
002	36	067 077	Akron, OH PMSA Ohio Portage Summit	0080	39	133 153
003	11	047 088	Albany, GA MSA Georgia Dougherty Lee	0120	13	095 177
004	33	001 019 027 039 042 043	Albany-Schenectady-Troy, NY MSA New York Albany Greene Montgomery Rensselaer Saratoga Schenectady	0160	36	001 039 057 083 091 093
005	32	001	Albuquerque, NM MSA New Mexico Bernalillo	0200	35	001
006	19	040	Alexandria, LA MSA Louisiana Rapides	0220	22	079
007	31	021 039 013 039 048	Allentown-Bethlehem-Easton, PA-NJ MSA New Jersey Warren Pennsylvania Carbon Lehigh Northampton	0240	34 42	041 025 077 095
008	39	007	Altoona, PA MSA Pennsylvania Blair	0280	42	013
009	44	188 191	Amarillo, TX MSA Texas Potter Randall	0320	48	375 381
010	05	030	Anaheim-Santa Ana, CA PMSA California Orange	0360	06	059
011	02	002	Anchorage, AK MSA Alaska Anchorage, coext. with Anchorage city	0380	02	020
012	15	048	Anderson, IN MSA Indiana Madison	0400	18	095
013	41	004	Anderson, SC MSA South Carolina Anderson	0405	45	007
014	23	081	Ann Arbor, MI PMSA Michigan Washtenaw	0440	26	161
015	01	008	Anniston, AL MSA Alabama Calhoun	0450	01	015

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
016	50		Appleton-Oshkosh-Neenah, WI MSA	0460	55	
		008	Wisconsin			015
		045	Calumet			087
		071	Outagamie			139
			Winnebago			
017	34		Asheville, NC MSA	0480	37	
		011	North Carolina			021
			Buncombe			
018	11		Athens, GA MSA	0500	13	
			Georgia			
		029	Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, GA MSA	0520	13	
			Georgia			
		007	Barrow			013
		018	Butts			035
		028	Cherokee			057
		031	Clayton			063
		033	Cobb			067
		038	Coweta			077
		044	De Kalb			089
		048	Douglas			097
		056	Fayette			113
		058	Forsyth			117
		060	Fulton			121
		067	Gwinnett			135
		075	Henry			151
		107	Newton			217
		110	Paulding			223
		122	Rockdale			247
		126	Spalding			255
		147	Walton			297
020	31		Atlantic City, NJ MSA	0560	34	
			New Jersey			
		001	Atlantic			001
		005	Cape May			009
021	11		Augusta, GA-SC MSA	0600	13	
			Georgia			
		036	Columbia			073
		094	McDuffie			189
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	14		Aurora-Elgin, IL PMSA	0620	17	
			Illinois			
		045	Kane			089
		047	Kendall			093
023	44		Austin, TX MSA	0640	48	
			Texas			
		105	Hays			209
		227	Travis			453
		246	Williamson			491
024	05		Bakersfield, CA MSA	0680	06	
			California			
		015	Kern			029
025	21		Baltimore, MD MSA	0720	24	
			Maryland			
		002	Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
		018	Queen Anne's			035

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
026	20	010	Bangor, ME NECMA Maine Penobscot	0733	23	019
027	19	003 017 032 061	Baton Rouge, LA MSA Louisiana Ascension East Baton Rouge Livingston West Baton Rouge	0760	22	005 033 063 121
028	23	013	Battle Creek, MI MSA Michigan Calhoun	0780	26	025
029	44	100 123 181	Beaumont-Port Arthur, TX MSA Texas Hardin Jefferson Orange	0840	48	199 245 361
030	39	004	Beaver County, PA PMSA Pennsylvania Beaver	0845	42	007
031	48	037	Bellingham, WA MSA Washington Whatcom	0860	53	073
032	23	011	Benton Harbor, MI MSA Michigan Berrien	0870	26	021
033	31	002 016	Bergen-Passaic, NJ PMSA New Jersey Bergen Passaic	0875	34	003 031
034	27	056	Billings, MT MSA Montana Yellowstone	0880	30	111
035	25	023 024	Biloxi-Gulfport, MS MSA Mississippi Hancock Harrison	0920	28	045 047
036	33	003 050	Binghamton, NY MSA New York Broome Tioga	0960	36	007 107
037	01	005 037 058 059 064	Birmingham, AL MSA Alabama Blount Jefferson St. Clair Shelby Walker	1000	01	009 073 115 117 127
038	35	008 030	Bismarck, ND MSA North Dakota Burleigh Morton	1010	38	015 059
039	15	053	Bloomington, IN MSA Indiana Monroe	1020	18	105
040	14	057	Bloomington-Normal, IL MSA Illinois McLean	1040	17	113
041	13	001	Boise City, ID MSA Idaho Ada	1080	16	001

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
042	22		Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA Massachusetts	1123	25	
		005	Essex			009
		009	Middlesex			017
		011	Norfolk			021
		012	Plymouth			023
		013	Suffolk			025
043	06		Boulder-Longmont, CO PMSA Colorado	1125	08	
		007	Boulder			013
044	10		Bradenton, FL MSA Florida	1140	12	
		041	Manatee			081
045	44		Brazoria, TX PMSA Texas	1145	48	
		020	Brazoria			039
046	48		Bremerton, WA MSA Washington	1150	53	
		018	Kitsap			035
047	07		Bridgeport-Stamford-Norwalk-Danbury, CT NECMA Connecticut	1163	09	
		001	Fairfield			001
048	44		Brownsville-Harlingen, TX MSA Texas	1240	48	
		031	Cameron			061
049	44		Bryan-College Station, TX MSA Texas	1260	48	
		021	Brazos			041
050	33		Buffalo, NY PMSA New York	1280	36	
		014	Erie			029
051	34		Burlington, NC MSA North Carolina	1300	37	
		001	Alamance			001
052	46		Burlington, VT NECMA Vermont	1303	50	
		004	Chittenden			007
		007	Grand Isle			013
053	36		Canton, OH MSA Ohio	1320	39	
		010	Carroll			019
		076	Stark			151
054	51		Casper, WY MSA Wyoming	1350	56	
		013	Natrona			025
055	16		Cedar Rapids, IA MSA Iowa	1360	19	
		057	Linn			113
056	14		Champaign-Urbana-Rantoul, IL MSA Illinois	1400	17	
		010	Champaign			019
057	41		Charleston, SC MSA South Carolina	1440	45	
		008	Berkeley			015
		010	Charleston			019
		018	Dorchester			035
058	49		Charleston, WV MSA West Virginia	1480	54	
		020	Kanawha			039
		040	Putnam			079

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
059	34		Charlotte-Gastonia-Rock Hill, NC-SC MSA	1520		
			North Carolina		37	
		013	Cabarrus			025
		036	Gaston			071
		055	Lincoln			109
		060	Mecklenburg			119
		080	Rowan			159
		090	Union			179
	41		South Carolina		45	
		046	York			091
060	47		Charlottesville, VA MSA	1540		
			Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
061	11		Chattanooga, TN-GA MSA	1560		
			Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
062	51		Cheyenne, WY MSA	1580		
			Wyoming		56	
		011	Laramie			021
063	14		Chicago, IL PMSA	1600		
			Illinois		17	
		016	Cook			031
		022	Du Page			043
		056	McHenry			111
064	05		Chico, CA MSA	1620		
			California		06	
		004	Butte			007
065	15		Cincinnati, OH-KY-IN PMSA	1640		
			Indiana		18	
		015	Dearborn			029
	18		Kentucky		21	
		008	Boone			015
		019	Campbell			037
		059	Kenton			117
	36		Ohio		39	
		013	Clermont			025
		031	Hamilton			061
		083	Warren			165
066	18		Clarksville-Hopkinsville, TN-KY MSA	1660		
			Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
067	36		Cleveland, OH PMSA	1680		
			Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
068	06		Colorado Springs, CO MSA	1720		
			Colorado		08	
		021	El Paso			041
069	26		Columbia, MO MSA	1740		
			Missouri		29	
		010	Boone			019

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
070	41		Columbia, SC MSA	1760		
			South Carolina		45	
		032	Lexington			063
		040	Richland			079
071	01		Columbus, GA-AL MSA	1800		
			Alabama		01	
		057	Russell			113
	11		Georgia		13	
		026	Chattahoochee			053
		106	Muscogee			215
072	36		Columbus, OH MSA	1840		
			Ohio		39	
		021	Delaware			041
		023	Fairfield			045
		025	Franklin			049
		045	Licking			089
		049	Madison			097
		065	Pickaway			129
		080	Union			159
073	44		Corpus Christi, TX MSA	1880		
			Texas		48	
		178	Nueces			355
		205	San Patricio			409
074	21		Cumberland, MD-WV MSA	1900		
			Maryland		24	
		001	Allegany			001
	49		West Virginia		54	
		029	Mineral			057
075	44		Dallas, TX PMSA	1920		
			Texas		48	
		043	Collin			085
		057	Dallas			113
		061	Denton			121
		070	Ellis			139
		129	Kaufman			257
		199	Rockwall			397
076	47		Danville, VA MSA	1950		
			Virginia		51	
		035	Danville city			590
		097	Pittsylvania			143
077	14		Davenport-Rock Island-Moline, IA-IL MSA	1960		
			Illinois		17	
		037	Henry			073
		081	Rock Island			161
	16		Iowa		19	
		082	Scott			163
078	36		Dayton-Springfield, OH MSA	2000		
			Ohio		39	
		012	Clark			023
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
079	10		Daytona Beach, FL MSA	2020		
			Florida		12	
		064	Volusia			127
080	01		Decatur, AL MSA	2030		
			Alabama		01	
		040	Lawrence			079
		052	Morgan			103
081	14		Decatur, IL MSA	2040		
			Illinois		17	
		058	Macon			115

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
082	06		Denver, CO PMSA	2080	08	
		001	Colorado			001
		003	Adams			005
		016	Arapahoe			031
		018	Denver, coext. with Denver city			035
		030	Douglas			059
			Jefferson			
083	16		Des Moines, IA MSA	2120	19	
		025	Iowa			049
		077	Dallas			153
		091	Polk			181
			Warren			
084	23		Detroit, MI PMSA	2160	26	
		044	Michigan			087
		047	Lapeer			093
		050	Livingston			099
		058	Macomb			115
		063	Monroe			125
		074	Oakland			147
		082	St. Clair			163
			Wayne			
085	01		Dothan, AL MSA	2180	01	
		023	Alabama			045
		035	Dale			069
			Houston			
086	16		Dubuque, IA MSA	2200	19	
		031	Iowa			061
			Dubuque			
087	24		Duluth, MN-WI MSA	2240	27	
		069	Minnesota			137
		50	St. Louis			55
		016	Wisconsin			031
			Douglas			
088	50		Eau Claire, WI MSA	2290	55	
		009	Wisconsin			017
		018	Chippewa			035
			Eau Claire			
089	44		El Paso, TX MSA	2320	48	
		071	Texas			141
			El Paso			
090	15		Elkhart-Goshen, IN MSA	2330	18	
		020	Indiana			039
			Elkhart			
091	33		Elmira, NY MSA	2335	36	
		007	New York			015
			Chemung			
092	37		Enid, OK MSA	2340	40	
		024	Oklahoma			047
			Garfield			
093	39		Erie, PA MSA	2360	42	
		025	Pennsylvania			049
			Erie			
094	38		Eugene-Springfield, OR MSA	2400	41	
		020	Oregon			039
			Lane			
095	15		Evansville, IN-KY MSA	2440	18	
		065	Indiana			129
		082	Posey			163
		087	Vanderburgh			173
		18	Warrick			21
		051	Kentucky			101
			Henderson			

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
096	24		Fargo-Moorhead, ND-MN MSA	2520		
		014	Minnesota		27	
	35		Clay			027
		009	North Dakota		38	
			Cass			017
097	34		Fayetteville, NC MSA	2560		
		026	North Carolina		37	
			Cumberland			051
098	04		Fayetteville-Springdale, AR MSA	2580		
		072	Arkansas		05	
			Washington			143
099	23		Flint, MI MSA	2640		
		025	Michigan		26	
			Genesee			049
100	01		Florence, AL MSA	2650		
		017	Alabama		01	
		039	Colbert			033
			Lauderdale			077
101	41		Florence, SC MSA	2655		
		021	South Carolina		45	
			Florence			041
102	06		Fort Collins-Loveland, CO MSA	2670		
		035	Colorado		08	
			Larimer			069
103	10		Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	2680		
		006	Florida		12	
			Broward			011
104	10		Fort Myers-Cape Coral, FL MSA	2700		
		036	Florida		12	
			Lee			071
105	10		Fort Pierce, FL MSA	2710		
		043	Florida		12	
		056	Martin			085
			St. Lucie			111
106	04		Fort Smith, AR-OK MSA	2720		
		017	Arkansas		05	
		066	Crawford			033
			Sebastian			131
	37		Oklahoma		40	
		068	Sequoyah			135
107	10		Fort Walton Beach, FL MSA	2750		
		046	Florida		12	
			Okaloosa			091
108	15		Fort Wayne, IN MSA	2760		
		002	Indiana		18	
		017	Allen			003
		092	De Kalb			033
			Whitley			183
109	44		Fort Worth-Arlington, TX PMSA	2800		
		126	Texas		48	
		184	Johnson			251
		220	Parker			367
			Tarrant			439
110	05		Fresno, CA MSA	2840		
		010	California		06	
			Fresno			019
111	01		Gadsden, AL MSA	2880		
		028	Alabama		01	
			Etowah			055

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
112	10		Gainesville, FL MSA	2900		
			Florida		12	
		001	Alachua			001
		004	Bradford			007
113	44		Galveston-Texas City, TX PMSA	2920		
			Texas		48	
		084	Galveston			167
114	15		Gary-Hammond, IN PMSA	2960		
			Indiana		18	
		045	Lake			089
		064	Porter			127
115	33		Glens Falls, NY MSA	2975		
			New York		36	
		053	Warren			113
		054	Washington			115
116	35		Grand Forks, ND MSA	2985		
			North Dakota		38	
		018	Grand Forks			035
117	23		Grand Rapids, MI MSA	3000		
			Michigan		26	
		041	Kent			081
		070	Ottawa			139
118	27		Great Falls, MT MSA	3040		
			Montana		30	
		007	Cascade			013
119	06		Greeley, CO MSA	3060		
			Colorado		08	
		062	Weld			123
120	50		Green Bay, WI MSA	3080		
			Wisconsin		55	
		005	Brown			009
121	34		Greensboro--Winston-Salem--High Point, NC MSA	3120		
			North Carolina		37	
		029	Davidson			057
		030	Davie			059
		034	Forsyth			067
		041	Guilford			081
		076	Randolph			151
		085	Stokes			169
		099	Yadkin			197
122	41		Greenville-Spartanburg, SC MSA	3160		
			South Carolina		45	
		023	Greenville			045
		039	Pickens			077
		042	Spartanburg			083
123	21		Hagerstown, MD MSA	3180		
			Maryland		24	
		022	Washington			043
124	36		Hamilton-Middletown, OH PMSA	3200		
			Ohio		39	
		009	Butler			017
125	39		Harrisburg-Lebanon-Carlisle, PA MSA	3240		
			Pennsylvania		42	
		021	Cumberland			041
		022	Dauphin			043
		038	Lebanon			075
		050	Perry			099
126	07		Hartford-New Britain-Middletown, CT NECMA	3283		
			Connecticut		09	
		002	Hartford			003
		004	Middlesex			007
		007	Tolland			013

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
127	34		Hickory-Morganton, NC MSA	3290		
			North Carolina		37	
		002	Alexander			003
		012	Burke			023
		018	Catawba			035
128	12		Honolulu, HI MSA	3320		
			Hawaii		15	
		002	Honolulu			003
129	19		Houma-Thibodaux, LA MSA	3350		
			Louisiana		22	
		029	Lafourche			057
		055	Terrebonne			109
130	44		Houston, TX PMSA	3360		
			Texas		48	
		079	Fort Bend			157
		101	Harris			201
		146	Liberty			291
		170	Montgomery			339
		237	Waller			473
131	18		Huntington-Ashland, WV-KY-OH MSA	3400		
			Kentucky		21	
		010	Boyd			019
		022	Carter			043
		045	Greenup			089
	36		Ohio		39	
		044	Lawrence			087
	49		West Virginia		54	
		006	Cabell			011
		050	Wayne			099
132	01		Huntsville, AL MSA	3440		
			Alabama		01	
		045	Madison			089
133	15		Indianapolis, IN MSA	3480		
			Indiana		18	
		006	Boone			011
		029	Hamilton			057
		030	Hancock			059
		032	Hendricks			063
		041	Johnson			081
		049	Marion			097
		055	Morgan			109
		073	Shelby			145
134	16		Iowa City, IA MSA	3500		
			Iowa		19	
		052	Johnson			103
135	23		Jackson, MI MSA	3520		
			Michigan		26	
		038	Jackson			075
136	25		Jackson, MS MSA	3560		
			Mississippi		28	
		025	Hinds			049
		045	Madison			089
		061	Rankin			121
137	43		Jackson, TN MSA	3580		
			Tennessee		47	
		057	Madison			113
138	10		Jacksonville, FL MSA	3600		
			Florida		12	
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St Johns			109

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
139	34	067	Jacksonville, NC MSA North Carolina Onslow	3605	37	133
140	33	006	Jamestown-Dunkirk, NY MSA New York Chautauqua	3610	36	013
141	50	054	Janesville-Beloit, WI MSA Wisconsin Rock	3620	55	105
142	31	009	Jersey City, NJ PMSA New Jersey Hudson	3640	34	017
143	43	010 037 082 086 090	Johnson City-Kingsport-Bristol, TN-VA MSA Tennessee Carter Hawkins Sullivan Unicoi Washington	3660	47	019 073 163 171 179
	47	015 115 129	Virginia Bristol city Scott Washington		51	520 169 191
144	39	011 056	Johnstown, PA MSA Pennsylvania Cambria Somerset	3680	42	021 111
145	14	032 099	Joliet, IL PMSA Illinois Grundy Will	3690	17	063 197
146	26	049 073	Joplin, MO MSA Missouri Jasper Newton	3710	29	097 145
147	23	039	Kalamazoo, MI MSA Michigan Kalamazoo	3720	26	077
148	14	046	Kankakee, IL MSA Illinois Kankakee	3740	17	091
149	17	046 052 061 105	Kansas City, MO-KS MSA Kansas Johnson Leavenworth Miami Wyandotte	3760	20	091 103 121 209
	26	019 024 048 054 083 089	Missouri Cass Clay Jackson Lafayette Platte Ray		29	037 047 095 107 165 177
150	50	030	Kenosha, WI PMSA Wisconsin Kenosha	3800	55	059
151	44	014 050	Killeen-Temple, TX MSA Texas Bell Coryell	3810	48	027 099

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
152	43		Knoxville, TN MSA	3840	47	
		001	Tennessee			001
		005	Anderson			009
		029	Blount			057
		045	Grainger			089
		047	Jefferson			093
		078	Knox			155
		087	Sevier			173
		087	Union			
153	15		Kokomo, IN MSA	3850	18	
		034	Indiana			067
		080	Howard			159
		080	Tipton			
154	50		La Crosse, WI MSA	3870	55	
		032	Wisconsin			063
		032	La Crosse			
155	19		Lafayette, LA MSA	3880	22	
		028	Louisiana			055
		050	Lafayette			099
		050	St. Martin			
156	15		Lafayette-West Lafayette, IN MSA	3920	18	
		079	Indiana			157
		079	Tippecanoe			
157	19		Lake Charles, LA MSA	3960	22	
		010	Louisiana			019
		010	Calcasieu			
158	14		Lake County, IL PMSA	3965	17	
		049	Illinois			097
		049	Lake			
159	10		Lakeland-Winter Haven, FL MSA	3980	12	
		053	Florida			105
		053	Polk			
160	39		Lancaster, PA MSA	4000	42	
		036	Pennsylvania			071
		036	Lancaster			
161	23		Lansing-East Lansing, MI MSA	4040	26	
		019	Michigan			037
		023	Clinton			045
		033	Eaton			065
		033	Ingham			
162	44		Laredo, TX MSA	4080	48	
		240	Texas			479
		240	Webb			
163	32		Las Cruces, NM MSA	4100	35	
		008	New Mexico			013
		008	Dona Ana			
164	29		Las Vegas, NV MSA	4120	32	
		003	Nevada			003
		003	Clark			
165	17		Lawrence, KS MSA	4150	20	
		023	Kansas			045
		023	Douglas			
166	37		Lawton, OK MSA	4200	40	
		016	Oklahoma			031
		016	Comanche			
167	20		Lewiston-Auburn, ME NECMA	4243	23	
		001	Maine			001
		001	Androscoggin			

Vital Statistics Codes			Area Name and County Components		FIPS Codes		
Area	State	County			Area	State	Cnty
168	18		Lexington-Fayette, KY MSA		4280		
			Kentucky			21	
		009	Bourbon				017
		025	Clark				049
		034	Fayette, coext. with Lexington-Fayette				067
		057	Jessamine				113
		105	Scott				209
		120	Woodford				239
169	36		Lima, OH MSA		4320		
			Ohio			39	
		002	Allen				003
		006	Auglaize				011
170	28		Lincoln, NE MSA		4360		
			Nebraska			31	
		055	Lancaster				109
171	04		Little Rock-North Little Rock, AR MSA		4400		
			Arkansas			05	
		023	Faulkner				045
		043	Lonoke				085
		060	Pulaski				119
		063	Saline				125
172	44		Longview-Marshall, TX MSA		4420		
			Texas			48	
		092	Gregg				183
		102	Harrison				203
173	36		Lorain-Elyria, OH PMSA		4440		
			Ohio			39	
		047	Lorain				093
174	05		Los Angeles-Long Beach, CA PMSA		4480		
			California			06	
		019	Los Angeles				037
175	15		Louisville, KY-IN MSA		4520		
			Indiana			18	
		010	Clark				019
		022	Floyd				043
		031	Harrison				061
	18		Kentucky			21	
		015	Bullitt				029
		056	Jefferson				111
		093	Oldham				185
		106	Shelby				211
176	44		Lubbock, TX MSA		4600		
			Texas			48	
		152	Lubbock				303
177	47		Lynchburg, VA MSA		4640		
			Virginia			51	
		006	Amherst				009
		020	Campbell				031
		076	Lynchburg city				680
178	11		Macon-Warner Robins, GA MSA		4680		
			Georgia			13	
		011	Bibb				021
		076	Houston				153
		084	Jones				169
		111	Peach				225
179	50		Madison, WI MSA		4720		
			Wisconsin			55	
		013	Dane				025
180	30		Manchester-Nashua, NH NECMA		4763		
			New Hampshire			33	
		006	Hillsborough				011

Metropolitan Statistical Areas Established in 1990
and Adapted for Use by DVS

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
181	36	070	Mansfield, OH MSA	4800	39	139
			Ohio			
			Richland			
182	44	108	McAllen-Edinburg-Mission, TX MSA	4880	48	215
			Texas			
			Hidalgo			
183	38	015	Medford, OR MSA	4890	41	029
			Oregon			
			Jackson			
184	10	005	Melbourne-Titusville-Palm Bay, FL MSA	4900	12	009
			Florida			
			Brevard			
185	04	018	Memphis, TN-AR-MS MSA	4920	05	035
			Arkansas			
			Crittenden			
	25	017	Mississippi		28	033
			De Soto			
	43	079	Tennessee		47	157
			Shelby			
		084	Tipton			
186	05	024	Merced, CA MSA	4940	06	047
			California			
			Merced			
187	10	013	Miami-Hialeah, FL PMSA	5000	12	025
			Florida			
			Dade			
188	31	010	Middlesex-Somerset-Hunterdon, NJ PMSA	5015	34	019
			New Jersey			
		012	Hunterdon			023
		018	Middlesex			035
			Somerset			
189	44	165	Midland, TX MSA	5040	48	329
			Texas			
			Midland			
190	50	041	Milwaukee, WI PMSA	5080	55	079
			Wisconsin			
		046	Milwaukee			089
		067	Ozaukee			131
		068	Washington			133
			Waukesha			
191	24	002	Minneapolis-St. Paul, MN-WI MSA	5120	27	003
			Minnesota			
		010	Anoka			019
		013	Carver			025
		019	Chisago			037
		027	Dakota			053
		030	Hennepin			059
		062	Isanti			123
		070	Ramsey			139
		082	Scott			163
		086	Washington			171
			Wright			
	50	056	Wisconsin		55	109
			St. Croix			
192	01	002	Mobile, AL MSA	5160	01	003
			Alabama			
		049	Baldwin			097
			Mobile			
193	05	050	Modesto, CA MSA	5170	06	099
			California			
			Stanislaus			

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
194	31		Monmouth-Ocean, NJ PMSA	5190		
			New Jersey		34	
		013	Monmouth			025
		015	Ocean			029
195	19		Monroe, LA MSA	5200		
			Louisiana		22	
		037	Ouachita			073
196	01		Montgomery, AL MSA	5240		
			Alabama		01	
		001	Autauga			001
		026	Elmore			051
		051	Montgomery			101
197	15		Muncie, IN MSA	5280		
			Indiana		18	
		018	Delaware			035
198	23		Muskegon, MI MSA	5320		
			Michigan		26	
		061	Muskegon			121
199	10		Naples, FL MSA	5345		
			Florida		12	
		011	Collier			021
200	43		Nashville, TN MSA	5360		
			Tennessee		47	
		011	Cheatham			021
		019	Davidson			037
		022	Dickson			043
		074	Robertson			147
		075	Rutherford			149
		083	Sumner			165
		094	Williamson			187
		095	Wilson			189
201	33		Nassau-Suffolk, NY PMSA	5380		
			New York		36	
		028	Nassau			059
		048	Suffolk			103
202	22		New Bedford-Fall River-Attleboro, MA NECMA	5403		
			Massachusetts		25	
		003	Bristol			005
203	07		New Haven-Waterbury-Meriden, CT NECMA	5483		
			Connecticut		09	
		005	New Haven			009
204	07		New London-Norwich, CT NECMA	5523		
			Connecticut		09	
		006	New London			011
205	19		New Orleans, LA MSA	5560		
			Louisiana		22	
		026	Jefferson			051
		036	Orleans, coext. with New Orleans city			071
		044	St. Bernard			087
		045	St. Charles			089
		048	St. John the Baptist			095
		052	St. Tammany			103
206	33		New York, NY PMSA	5600		
			New York		36	
		029	New York city			005
		038	Putnam			079
		040	Rockland			087
		056	Westchester			119

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
207	31		Newark, NJ PMSA	5640		
			New Jersey		34	
		007	Essex			013
		014	Morris			027
		019	Sussex			037
		020	Union			039
208	33		Niagara Falls, NY PMSA	5700		
			New York		36	
		030	Niagara			063
209	47		Norfolk-Virginia Beach-Newport News, VA MSA	5720		
			Virginia		51	
		026	Chesapeake city			550
		052	Gloucester			073
		058	Hampton city			650
		066	James City			095
		087	Newport News city			700
		088	Norfolk city			710
		098	Poquoson city			735
		099	Portsmouth city			740
		123	Suffolk city			800
		127	Virginia Beach city			810
		132	Williamsburg city			830
		136	York			199
210	05		Oakland, CA PMSA	5775		
			California		06	
		001	Alameda			001
		007	Contra Costa			013
211	10		Ocala, FL MSA	5790		
			Florida		12	
		042	Marion			083
212	44		Odessa, TX MSA	5800		
			Texas		48	
		068	Ector			135
213	37		Oklahoma City, OK MSA	5880		
			Oklahoma		40	
		009	Canadian			017
		014	Cleveland			027
		042	Logan			083
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
214	48		Olympia, WA MSA	5910		
			Washington		53	
		034	Thurston			067
215	16		Omaha, NE-IA MSA	5920		
			Iowa		19	
		078	Pottawattamie			155
		28	Nebraska		31	
		028	Douglas			055
		077	Sarpy			153
		089	Washington			177
216	33		Orange County, NY PMSA	5950		
			New York		36	
		034	Orange			071
217	10		Orlando, FL MSA	5960		
			Florida		12	
		048	Orange			095
		049	Osceola			097
		059	Seminole			117
218	18		Owensboro, KY MSA	5990		
			Kentucky		21	
		030	Daviess			059

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
219	05	056	Oxnard-Ventura, CA PMSA California Ventura	6000	06	111
220	10	003	Panama City, FL MSA Florida Bay	6015	12	005
221	36	084	Parkersburg-Marietta, WV-OH MSA Ohio Washington	6020	39	167
	49	054	West Virginia Wood		54	107
222	25	030	Pascagoula, MS MSA Mississippi Jackson	6025	28	059
223	10	017	Pensacola, FL MSA Florida Escambia	6080	12	033
		057	Santa Rosa			113
224	14	072	Peoria, IL MSA Illinois Peoria	6120	17	143
		090	Tazewell			179
		102	Woodford			203
225	31	003	Philadelphia, PA-NJ PMSA New Jersey Burlington	6160	34	005
		004	Camden			007
		008	Gloucester			015
	39	009	Pennsylvania Bucks		42	017
		015	Chester			029
		023	Delaware			045
		046	Montgomery			091
		051	Philadelphia, coext. with Philadelphia city			101
226	03	007	Phoenix, AZ MSA Arizona Maricopa	6200	04	013
227	04	035	Pine Bluff, AR MSA Arkansas Jefferson	6240	05	069
228	39	002	Pittsburgh, PA PMSA Pennsylvania Allegheny	6280	42	003
		026	Fayette			051
		063	Washington			125
		065	Westmoreland			129
229	22	002	Pittsfield, MA NECMA Massachusetts Berkshire	6323	25	003
230	20	003	Portland, ME NECMA Maine Cumberland	6403	23	005
231	38	003	Portland, OR PMSA Oregon Clackamas	6440	41	005
		026	Multnomah			051
		034	Washington			067
		036	Yamhill			071
232	30	008	Portsmouth-Dover-Rochester, NH NECMA New Hampshire Rockingham	6453	33	015
		009	Strafford			017

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
233	33	013	Poughkeepsie, NY MSA New York Dutchess	6460	36	027
234	40	001 002 004 005	Providence-Pawtucket-Woonsocket, RI NECMA Rhode Island Bristol Kent Providence Washington	6483	44	001 003 007 009
235	45	025	Provo-Orem, UT MSA Utah Utah	6520	49	049
236	06	051	Pueblo, CO MSA Colorado Pueblo	6560	08	101
237	50	052	Racine, WI PMSA Wisconsin Racine	6600	55	101
238	34	032 035 068 092	Raleigh-Durham, NC MSA North Carolina Durham Franklin Orange Wake	6640	37	063 069 135 183
239	42	051	Rapid City, SD MSA South Dakota Pennington	6660	46	103
240	39	006	Reading, PA MSA Pennsylvania Berks	6680	42	011
241	05	045	Redding, CA MSA California Shasta	6690	06	089
242	29	016	Reno, NV MSA Nevada Washoe	6720	32	031
243	48	003 011	Richland-Kennewick-Pasco, WA MSA Washington Benton Franklin	6740	53	005 021
244	47	023 027 030 037 053 059 061 064 086 096 100 102 108	Richmond-Petersburg, VA MSA Virginia Charles City Chesterfield Colonial Heights city Dinwiddie Goochland Hanover Henrico Hopewell city New Kent Petersburg city Powhatan Prince George Richmond city	6760	51	036 041 570 053 075 085 087 670 127 730 145 149 760
245	05	033 036	Riverside-San Bernardino, CA PMSA California Riverside San Bernardino	6780	06	065 071

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
246	47		Roanoke, VA MSA	6800		
			Virginia		51	
		014	Botetourt			023
		109	Roanoke			161
		110	Roanoke city			770
		114	Salem city			775
247	24		Rochester, MN MSA	6820		
			Minnesota		27	
		055	Olmsted			109
248	33		Rochester, NY MSA	6840		
			New York		36	
		024	Livingston			051
		026	Monroe			055
		039	Ontario			069
		035	Orleans			073
		055	Wayne			117
249	14		Rockford, IL MSA	6880		
			Illinois		17	
		004	Boone			007
		101	Winnebago			201
250	05		Sacramento, CA MSA	6920		
			California		06	
		009	El Dorado			017
		031	Placer			061
		034	Sacramento			067
		057	Yolo			113
251	23		Saginaw-Bay City-Midland, MI MSA	6960		
			Michigan		26	
		009	Bay			017
		056	Midland			111
		073	Saginaw			145
252	24		St. Cloud, MN MSA	6980		
			Minnesota		27	
		005	Benton			009
		071	Sherburne			141
		073	Stearns			145
253	26		St. Joseph, MO MSA	7000		
			Missouri		29	
		011	Buchanan			021
254	14		St. Louis, MO-IL MSA	7040		
			Illinois		17	
		014	Clinton			027
		042	Jersey			083
		060	Madison			119
		067	Monroe			133
		082	St. Clair			163
	26		Missouri		29	
		036	Franklin			071
		050	Jefferson			099
		092	St. Charles			183
		096	St. Louis			189
		097	St. Louis city			510
255	38		Salem, OR MSA	7080		
			Oregon		41	
		024	Marion			047
		027	Polk			053
256	05		Salinas-Seaside-Monterey, CA MSA	7120		
			California		06	
		027	Monterey			053
257	45		Salt Lake City-Ogden, UT MSA	7160		
			Utah		49	
		006	Davis			011
		018	Salt Lake			035
		029	Weber			057

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
258	44	226	San Angelo, TX MSA Texas Tom Green	7200	48	451
259	44	015 046 094	San Antonio, TX MSA Texas Bexar Comal Guadalupe	7240	48	029 091 187
260	05	037	San Diego, CA MSA California San Diego	7320	06	073
261	05	021 038 041	San Francisco, CA PMSA California Marin San Francisco, coext. with San Francisco city San Mateo	7360	06	041 075 081
262	05	043	San Jose, CA PMSA California Santa Clara	7400	06	085
263	05	042	Santa Barbara-Santa Maria-Lompoc, CA MSA California Santa Barbara	7480	06	083
264	05	044	Santa Cruz, CA PMSA California Santa Cruz	7485	06	087
265	32	016 027	Santa Fe, NM MSA New Mexico Los Alamos Santa Fe	7490	35	028 049
266	05	049	Santa Rosa-Petaluma, CA PMSA California Sonoma	7500	06	097
267	10	058	Sarasota, FL MSA Florida Sarasota	7510	12	115
268	11	025 051	Savannah, GA MSA Georgia Chatham Effingham	7520	13	051 103
269	39	019 035 040 045 066	Scranton--Wilkes-Barre, PA MSA Pennsylvania Columbia Lackawanna Luzerne Monroe Wyoming	7560	42	037 069 079 089 131
270	48	017 031	Seattle, WA PMSA Washington King Snohomish	7600	53	033 061
271	39	043	Sharon, PA MSA Pennsylvania Mercer	7610	42	085
272	50	060	Sheboygan, WI MSA Wisconsin Sheboygan	7620	55	117
273	44	091	Sherman-Denison, TX MSA Texas Grayson	7640	48	181

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
274	19	008 009	Shreveport, LA MSA Louisiana Bossier Caddo	7680	22	015 017
275	16	097 28 022	Sioux City, IA-NE MSA Iowa Woodbury Nebraska Dakota	7720	19 31	193 043
276	42	049	Sioux Falls, SD MSA South Dakota Minnehaha	7760	46	099
277	15	071	South Bend-Mishawaka, IN MSA Indiana St. Joseph	7800	18	141
278	48	032	Spokane, WA MSA Washington Spokane	7840	53	063
279	14	065 084	Springfield, IL MSA Illinois Menard Sangamon	7880	17	129 167
280	26	022 039	Springfield, MO MSA Missouri Christian Greene	7920	29	043 077
281	22	007 008	Springfield, MA NECMA Massachusetts Hampden Hampshire	8003	25	013 015
282	39	014	State College, PA MSA Pennsylvania Centre	8050	42	027
283	36	041 49 005 015	Steubenville-Weirton, OH-WV MSA Ohio Jefferson West Virginia Brooke Hancock	8080	39 54	081 009 029
284	05	039	Stockton, CA MSA California San Joaquin	8120	06	077
285	33	025 032 036	Syracuse, NY MSA New York Madison Onondaga Oswego	8160	36	053 067 075
286	48	027	Tacoma, WA PMSA Washington Pierce	8200	53	053
287	10	020 037	Tallahassee, FL MSA Florida Gadsden Leon	8240	12	039 073
288	10	027 029 051 052	Tampa-St. Petersburg-Clearwater, FL MSA Florida Hernando Hillsborough Pasco Pinellas	8280	12	053 057 101 103

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
289	15		Terre Haute, IN MSA	8320		
			Indiana		18	
		011	Clay			021
		084	Vigo			167
290	04		Texarkana, TX-Texarkana, AR MSA	8360		
			Arkansas		05	
		046	Miller			091
	44		Texas		48	
		019	Bowie			037
291	36		Toledo, OH MSA	8400		
			Ohio		39	
		026	Fulton			051
		048	Lucas			095
		087	Wood			173
292	17		Topeka, KS MSA	8440		
			Kansas		20	
		089	Shawnee			177
293	31		Trenton, NJ PMSA	8480		
			New Jersey		34	
		011	Mercer			021
294	03		Tucson, AZ MSA	8520		
			Arizona		04	
		010	Pima			019
295	37		Tulsa, OK MSA	8560		
			Oklahoma		40	
		019	Creek			037
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
296	01		Tuscaloosa, AL MSA	8600		
			Alabama		01	
		063	Tuscaloosa			125
297	44		Tyler, TX MSA	8640		
			Texas		48	
		212	Smith			423
298	33		Utica-Rome, NY MSA	8680		
			New York		36	
		021	Herkimer			043
		031	Oneida			065
299	05		Vallejo-Fairfield-Napa, CA PMSA	8720		
			California		06	
		028	Napa			055
		048	Solano			095
300	48		Vancouver, WA PMSA	8725		
			Washington		53	
		006	Clark			011
301	44		Victoria, TX MSA	8750		
			Texas		48	
		235	Victoria			469
302	31		Vineland-Millville-Bridgeton, NJ PMSA	8760		
			New Jersey		34	
		006	Cumberland			011
303	05		Visalia-Tulare-Porterville, CA MSA	8780		
			California		06	
		054	Tulare			107
304	44		Waco, TX MSA	8800		
			Texas		48	
		155	McLennan			309

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
305			Washington, DC-MD-VA MSA	8840		
	09		Dist. of Columbia		11	
		001	District of Columbia			001
	21		Maryland		24	
		005	Calvert			009
		009	Charles			017
		011	Frederick			021
		016	Montgomery			031
		017	Prince George's			033
	47		Virginia		51	
		003	Alexandria city			510
		008	Arlington			013
		040	Fairfax			059
		041	Fairfax city			600
		042	Falls Church city			610
		073	Loudoun			107
		078	Manassas city			683
		079	Manassas Park city			685
		103	Prince William			153
		121	Stafford			179
306			Waterloo-Cedar Falls, IA MSA	8920		
	16		Iowa		19	
		007	Black Hawk			013
		009	Bremer			017
307			Wausau, WI MSA	8940		
	50		Wisconsin		55	
		037	Marathon			073
308			West Palm Beach-Boca Raton-DeLray Beach, FL MSA	8960		
	10		Florida		12	
		050	Palm Beach			099
309			Wheeling, WV-OH MSA	9000		
	36		Ohio		39	
		007	Belmont			013
	49		West Virginia		54	
		026	Marshall			051
		035	Ohio			069
310			Wichita, KS MSA	9040		
	17		Kansas		20	
		008	Butler			015
		040	Harvey			079
		087	Sedgwick			173
311			Wichita Falls, TX MSA	9080		
	44		Texas		48	
		243	Wichita			485
312			Williamsport, PA MSA	9140		
	39		Pennsylvania		42	
		041	Lycoming			081
313			Wilmington, DE-NJ-MD PMSA	9160		
	08		Delaware		10	
		002	New Castle			003
	21		Maryland		24	
		008	Cecil			015
	31		New Jersey		34	
		017	Salem			033
314			Wilmington, NC MSA	9200		
	34		North Carolina		37	
		065	New Hanover			129
315			Worcester-Fitchburg-Leominster, MA NECMA	9243		
	22		Massachusetts		25	
		014	Worcester			027
316			Yakima, WA MSA	9260		
	48		Washington		53	
		039	Yakima			077

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
317	39		York, PA MSA	9280		
			Pennsylvania		42	
		001	Adams			001
		067	York			133
318	36		Youngstown-Warren, OH MSA	9320		
			Ohio		39	
		050	Mahoning			099
		078	Trumbull			155
319	05		Yuba City, CA MSA	9340		
			California		06	
		051	Sutter			101
		058	Yuba			115
320	03		Yuma, AZ MSA	9360		
			Arizona		04	
		014	Yuma			027

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
001.0	2	3	1	3	008.3	-	-	-	-	017.1	-	-	-	-
001.1	-	-	-	-	008.4	110	302	192	302	017.2	-	15	15	17
001.9	-	-	-	-	008.5	21	29	8	29	017.3	-	-	-	-
002.0	1	4	3	4	008.6	2	3	1	3	017.4	-	-	-	-
002.1	-	-	-	-	008.8	90	159	69	159	017.5	-	-	-	-
002.2	1	1	-	1	009.0	172	256	84	258	017.6	1	2	1	-
002.3	-	-	-	-	009.2	8	18	10	18	017.7	-	3	3	3
002.9	-	-	-	1	010.0	-	-	-	-	017.8	8	29	21	25
003.0	18	41	23	41	010.1	-	-	-	-	018.0	-	-	-	-
003.1	49	79	30	91	010.8	-	-	-	-	018.8	1	3	2	3
003.2	4	7	4	8	010.9	-	-	-	-	018.9	199	327	129	376
003.8	2	2	-	2	011.0	-	1	1	1	020.0	-	-	-	-
003.9	6	15	9	16	011.1	-	-	-	-	020.1	-	-	-	-
004.0	3	4	1	4	011.2	34	65	33	65	020.2	-	-	-	-
004.1	1	1	-	1	011.3	25	28	4	1	020.3	-	-	-	-
004.2	-	-	-	-	011.4	45	35	6	7	020.4	-	-	-	-
004.3	2	2	-	2	011.5	14	18	4	4	020.5	-	-	-	-
004.8	-	-	-	-	011.6	165	192	40	61	020.8	-	-	-	-
004.9	4	12	8	12	011.7	12	9	1	2	020.9	-	-	-	-
005.0	1	1	-	1	011.8	2	3	1	2	021	1	1	-	1
005.1	4	4	-	4	011.9	1047	2912	1872	3400	022.0	-	-	-	-
005.2	-	-	-	-	012.0	29	52	26	21	022.1	-	-	-	-
005.3	-	-	-	-	012.1	-	1	1	1	022.2	-	-	-	-
005.4	1	1	-	1	012.2	-	-	-	-	022.3	-	-	-	-
005.8	-	-	-	-	012.3	1	6	5	6	022.8	-	-	-	-
005.9	1	2	1	3	012.8	4	7	3	3	022.9	-	-	-	-
006.0	-	-	-	-	013.0	57	94	37	108	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	3	10	7	11	023.2	-	-	-	-
006.3	-	-	-	-	013.9	-	2	2	4	023.3	-	-	-	-
006.4	1	1	-	1	014	6	18	12	17	023.8	-	-	-	-
006.5	1	1	-	1	015.0	51	113	63	114	023.9	-	2	2	2
006.6	-	-	-	-	015.1	1	1	-	1	024	-	-	-	-
006.8	-	-	-	-	015.2	-	1	1	1	025	-	-	-	-
006.9	3	8	5	8	015.7	1	2	1	3	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	1	1	1	026.1	-	-	-	-
007.1	3	8	5	8	015.9	-	5	5	5	026.9	-	-	-	-
007.2	6	12	6	215	016.0	6	21	16	21	027.0	97	127	30	127
007.3	-	-	-	-	016.1	-	4	4	4	027.1	1	1	-	1
007.8	-	-	-	-	016.2	-	-	-	-	027.2	2	8	6	8
007.9	-	1	1	1	016.3	-	3	3	3	027.8	-	-	-	-
008.0	3	4	1	4	016.4	1	3	2	3	027.9	-	-	-	-
008.1	-	-	-	-	016.9	-	-	-	-	030.0	-	-	-	-
008.2	-	-	-	-	017.0	97	342	245	341	030.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
030.2	-	-	-	-	040.1	-	-	-	-	050.0	-	-	-	-
030.3	-	-	-	-	040.2	3	10	7	10	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	3	8	5	8	040.8	71	85	14	85	050.9	-	-	-	-
031.0	249	1927	1680	1927	041.0	33	57	24	57	051.0	-	-	-	-
031.1	-	2	2	2	041.1	148	369	221	369	051.1	-	-	-	-
031.8	1	3	2	4	041.2	8	10	2	10	051.2	-	-	-	-
031.9	73	389	316	603	041.3	5	13	8	13	051.9	-	-	-	-
032.0	-	-	-	-	041.4	18	39	21	39	052	120	154	34	154
032.1	-	-	-	-	041.5	16	36	20	36	053.0	1	2	1	-
032.2	-	-	-	-	041.6	8	11	3	11	053.1	11	94	83	80
032.3	-	-	-	-	041.7	50	132	82	132	053.2	2	13	11	13
032.8	-	-	-	-	041.8	27	54	27	54	053.7	2	11	9	11
032.9	1	2	1	2	041.9	41	64	23	80	053.8	-	2	2	2
033.0	1	1	-	1	042.0	5707	6348	658	60	053.9	98	522	424	547
033.1	-	-	-	-	042.1	5148	5035	266	76	054.0	-	-	-	-
033.8	-	-	-	-	042.2	2524	3190	671	33	054.1	-	11	11	11
033.9	11	11	-	11	042.9	10910	12974	2090	25195	054.2	-	9	9	9
034.0	9	16	7	16	043.0	-	-	-	-	054.3	91	134	43	140
034.1	1	2	1	2	043.1	90	90	7	214	054.4	-	2	2	2
035	4	12	8	12	043.2	7	19	12	-	054.5	8	9	2	7
036.0	72	80	8	79	043.3	93	99	15	35	054.6	-	-	-	-
036.1	3	8	5	8	043.9	45	110	65	179	054.7	30	62	32	67
036.2	104	124	20	124	044.0	-	1	1	1	054.8	-	-	-	-
036.3	32	42	10	43	044.9	664	1240	579	3734	054.9	66	277	211	301
036.4	-	-	-	-	045.0	-	-	-	-	055.0	1	1	-	1
036.8	1	1	-	1	045.1	-	-	-	-	055.1	47	49	2	12
036.9	3	3	-	5	045.2	-	-	-	-	055.2	-	-	-	-
037	11	17	6	17	045.9	-	2	2	2	055.7	-	-	-	-
038.0	272	1005	733	1017	046.0	-	-	-	-	055.8	2	2	-	2
038.1	1042	4233	3191	4323	046.1	178	195	17	210	055.9	14	21	7	58
038.2	169	364	195	720	046.2	13	16	3	16	056.0	1	1	-	1
038.3	61	252	191	255	046.3	50	65	15	335	056.7	-	-	-	-
038.4	1086	5652	4566	5736	046.8	-	-	-	-	056.8	-	-	-	-
038.8	138	608	470	623	046.9	-	-	-	-	056.9	7	11	4	11
038.9	16401	92297	75896	93732	047.0	-	1	1	1	057.0	1	1	-	1
039.0	-	1	1	1	047.1	-	-	-	-	057.8	-	9	9	9
039.1	39	68	29	62	047.8	-	-	-	-	057.9	1	1	-	1
039.2	-	1	1	1	047.9	50	78	28	78	060.0	-	-	-	-
039.3	-	-	-	-	048	30	30	-	30	060.1	-	-	-	-
039.4	-	-	-	-	049.0	11	23	12	23	060.9	-	-	-	-
039.8	10	22	12	25	049.1	-	-	-	-	061	1	1	-	1
039.9	22	44	22	64	049.8	11	15	4	15	062.0	-	-	-	-
040.0	77	182	105	182	049.9	130	171	41	175	062.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
062.2	1	1	-	1	074.2	6	6	-	6	083.9	-	-	-	
062.3	13	15	2	15	074.3	-	1	1	1	084.0	1	1	-	
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	1	1	
062.5	-	-	-	-	075	13	27	14	27	084.2	-	-	-	
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	
062.9	1	1	-	1	076.1	-	-	-	-	084.4	-	-	-	
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	
063.1	-	-	-	-	077.0	-	-	-	-	084.6	1	3	2	
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	
063.8	-	1	1	1	077.2	-	-	-	-	084.8	-	-	-	
063.9	-	-	-	-	077.3	-	1	1	1	084.9	1	2	1	
064	-	-	-	-	077.4	-	-	-	-	085.0	1	1	-	
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	
065.1	-	-	-	-	077.9	-	2	2	2	085.2	-	-	-	
065.2	-	-	-	-	078.0	-	4	4	4	085.3	-	-	-	
065.3	-	-	-	-	078.1	-	7	7	7	085.4	-	-	-	
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	
065.8	-	-	-	-	078.3	-	3	3	3	085.9	-	-	-	
065.9	1	1	-	1	078.4	1	1	-	1	086.0	3	3	-	
066.0	-	-	-	-	078.5	280	1429	1149	1919	086.1	-	-	-	
066.1	-	-	-	-	078.6	-	-	-	-	086.2	-	-	3	
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	
066.3	-	-	-	-	078.8	67	120	53	120	086.4	-	-	-	
066.8	-	-	-	-	079.0	4	5	1	5	086.5	-	-	-	
066.9	-	-	-	-	079.1	1	2	1	2	086.9	-	-	-	
070.0	3	4	1	-	079.2	2	3	1	3	087.0	-	-	-	
070.1	73	134	61	138	079.3	-	-	-	-	087.1	-	-	-	
070.2	80	91	11	-	079.8	22	36	14	36	087.9	-	-	-	
070.3	736	1235	499	1326	079.9	327	573	246	599	088.0	-	-	-	
070.4	4	7	3	2	080	-	-	-	-	088.8	2	13	11	
070.5	74	101	27	106	081.0	-	-	-	-	088.9	-	-	-	
070.6	53	60	7	1	081.1	-	-	-	-	090.0	-	1	1	
070.9	555	772	217	831	081.2	-	-	-	-	090.1	...	-	-	
071	1	1	-	1	081.9	-	-	-	-	090.2	3	6	3	
072.0	-	-	-	-	082.0	20	23	3	23	090.3	-	-	6	
072.1	-	-	-	-	082.1	-	-	-	-	090.4	6	11	5	
072.2	-	-	-	-	082.2	-	-	-	-	090.5	3	3	-	
072.3	-	-	-	-	082.3	-	-	-	-	090.6	...	-	2	
072.7	-	-	-	-	082.8	-	-	-	-	090.7	-	1	1	
072.8	-	-	-	-	082.9	-	-	-	-	090.9	23	41	18	
072.9	1	3	2	3	083.0	1	1	-	1	091.0	-	-	-	
073	2	3	1	3	083.1	-	-	-	-	091.1	-	-	-	
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	-	-	
074.1	-	-	-	-	083.8	-	-	-	-	091.3	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS
091.4	-	-	-	-	102.0	-	-	-	-	115.9	61	197	137	288
091.5	-	-	-	-	102.1	-	-	-	-	116.0	39	56	17	56
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	2	2	2	102.5	-	-	-	-	117.1	2	4	2	4
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	303	604	301	604
093.0	1	1	-	1	102.8	...	-	-	-	117.4	-	-	-	-
093.1	2	4	2	4	102.9	-	-	-	-	117.5	240	440	200	1611
093.2	4	4	-	3	103.0	-	-	-	-	117.6	1	2	1	2
093.8	5	10	5	5	103.1	-	-	-	-	117.7	48	85	37	85
093.9	-	1	1	1	103.2	-	-	-	-	117.8	-	1	1	1
094.0	6	24	18	24	103.3	-	-	-	-	117.9	545	1095	550	1147
094.1	9	22	13	22	103.9	-	-	-	-	118	-	-	-	1
094.2	2	3	1	3	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	7	7	1	2	104.9	-	-	-	-	120.2	-	-	-	-
094.9	23	78	56	78	110.0	-	-	-	-	120.3	-	-	-	-
095	-	1	1	-	110.1	-	1	1	1	120.8	-	-	-	-
096	...	9	9	9	110.2	-	-	-	-	120.9	1	1	-	1
097.0	7	37	30	40	110.3	-	-	-	-	121.0	-	1	1	1
097.1	...	27	27	27	110.4	-	-	-	-	121.1	-	-	-	-
097.9	5	79	74	89	110.5	-	-	-	-	121.2	-	-	-	-
098.0	3	6	3	6	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	-	-	-	110.8	-	1	1	1	121.4	-	-	-	-
098.2	-	-	-	-	110.9	2	3	1	3	121.5	-	-	-	-
098.3	-	-	-	-	111.0	1	2	1	2	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	-	-	-	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	2	2	2	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	-	-	-	122.1	-	-	-	-
098.8	-	2	2	2	111.9	3	8	5	8	122.2	-	-	-	-
099.0	-	-	-	-	112.0	8	150	142	157	122.3	-	-	-	-
099.1	2	4	2	4	112.1	-	4	4	4	122.4	-	-	-	-
099.2	-	1	1	1	112.2	9	33	24	33	122.5	-	-	-	-
099.3	1	4	3	4	112.3	-	5	5	4	122.6	-	-	-	-
099.4	-	-	-	-	112.4	87	135	65	139	122.7	-	1	1	1
099.8	-	-	-	-	112.5	563	1030	467	1068	122.8	2	4	2	4
099.9	-	-	-	-	112.8	57	268	212	279	122.9	-	-	-	1
100.0	-	-	-	-	112.9	191	616	427	673	123.0	-	1	1	1
100.8	1	1	-	1	114	54	105	51	139	123.1	11	17	6	17
100.9	1	3	2	3	115.0	8	26	18	27	123.2	-	-	-	-
101	-	1	1	1	115.1	-	-	-	-	123.3	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
123.4	-	-	-	-	132.9	-	1	1	1	142.0	533	616	83	616
123.5	-	-	-	-	133.0	1	7	6	7	142.1	36	43	7	43
123.6	-	-	-	-	133.8	-	-	-	-	142.2	1	1	-	1
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	-	1	1	1	142.9	117	132	15	133
124	-	-	-	-	134.1	-	-	-	-	143.0	25	29	4	29
125.0	-	-	-	-	134.2	-	-	-	-	143.1	54	79	25	79
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	-	-	-	143.9	45	57	12	57
125.3	-	-	-	-	135	485	841	356	841	144.0	2	2	-	2
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	5	12	7	12	144.8	-	-	-	-
125.6	-	-	-	-	136.2	1	1	-	1	144.9	334	418	84	418
125.7	-	-	-	-	136.3	717	864	147	4739	145.0	40	45	5	45
125.9	-	-	-	-	136.4	-	-	-	-	145.1	4	4	-	4
126.0	-	-	-	-	136.5	-	-	-	-	145.2	42	50	8	50
126.1	-	-	-	-	136.8	-	-	-	-	145.3	82	117	35	117
126.2	-	-	-	-	136.9	286	1280	998	2071	145.4	8	11	3	11
126.3	-	-	-	-	137.0	213	671	458	671	145.5	143	193	50	194
126.8	-	-	-	-	137.1	1	3	2	3	145.6	42	55	13	55
126.9	4	5	1	5	137.2	-	-	-	-	145.8	2	2	-	2
127.0	1	2	1	2	137.3	-	1	1	1	145.9	922	1161	239	1196
127.1	-	-	-	-	137.4	-	6	6	6	146.0	544	655	111	655
127.2	13	27	14	28	138	160	665	505	665	146.1	49	62	13	62
127.3	1	1	-	1	139.0	7	8	1	8	146.2	12	15	3	15
127.4	-	-	-	-	139.1	-	-	-	-	146.3	-	5	5	5
127.5	2	2	-	2	139.8	31	81	50	80	146.4	-	-	-	-
127.6	-	-	-	-	140.0	2	2	-	2	146.5	-	-	-	-
127.7	-	-	-	-	140.1	8	13	5	13	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	-	-	-	-
127.9	-	-	-	-	140.4	-	-	-	-	146.8	2	3	1	3
128.0	1	1	-	1	140.5	-	-	-	-	146.9	484	578	94	581
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	11	13	2	13
128.9	-	-	-	-	140.9	75	111	36	111	147.2	-	-	-	-
129	5	5	-	5	141.0	199	234	35	234	147.3	1	1	-	1
130	57	97	40	1160	141.1	-	-	-	-	147.8	-	-	-	-
131.0	-	1	1	1	141.2	-	2	2	2	147.9	647	734	87	734
131.8	-	-	-	-	141.3	2	2	-	2	148.0	-	1	1	1
131.9	-	-	-	-	141.4	1	2	1	2	148.1	217	248	31	248
132.0	-	-	-	-	141.5	-	-	-	-	148.2	-	-	-	-
132.1	-	1	1	1	141.6	26	30	4	30	148.3	-	-	-	-
132.2	-	-	-	-	141.8	-	-	-	-	148.8	-	-	-	-
132.3	-	1	1	1	141.9	1652	2062	410	2064	148.9	297	354	57	357

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
149.0	1744	2234	490	2260	155.2	3045	3585	541	3614	163.9	454	546	92	546
149.1	-	-	-	-	156.0	2041	2236	195	2236	164.0	128	161	33	161
149.8	-	-	-	-	156.1	988	1096	108	1096	164.1	65	95	30	95
149.9	-	-	-	-	156.2	313	365	52	365	164.2	3	3	-	3
150.0	17	23	6	23	156.8	1	1	-	1	164.3	5	5	-	5
150.1	4	4	-	4	156.9	514	566	52	581	164.8	-	-	-	-
150.2	-	-	-	-	157.0	592	642	50	642	164.9	208	262	54	263
150.3	14	17	3	17	157.1	33	37	4	37	165.0	-	1	1	1
150.4	16	19	3	19	157.2	35	49	14	49	165.8	-	-	-	-
150.5	118	132	14	132	157.3	12	13	1	13	165.9	5	5	-	5
150.8	2	3	1	3	157.4	129	145	16	145	170.0	93	108	15	108
150.9	9548	10632	1085	10634	157.8	1	1	-	1	170.1	92	128	36	128
151.0	589	643	54	643	157.9	24280	25646	1366	25665	170.2	104	146	42	146
151.1	4	6	2	6	158.0	307	346	39	346	170.3	15	24	9	24
151.2	14	16	2	16	158.8	52	76	24	76	170.4	25	33	8	33
151.3	11	12	1	12	158.9	212	256	44	260	170.5	-	-	-	-
151.4	-	-	-	-	159.0	1005	1280	275	1298	170.6	70	85	15	85
151.5	3	3	-	3	159.1	16	28	12	28	170.7	54	76	22	76
151.6	-	-	-	-	159.8	5	5	-	5	170.8	2	3	1	3
151.8	1	2	1	2	159.9	453	542	89	555	170.9	631	761	130	767
151.9	13451	14963	1512	14969	160.0	56	63	7	63	171.0	70	74	4	74
152.0	407	473	66	473	160.1	12	15	3	15	171.2	53	70	17	70
152.1	56	63	7	63	160.2	240	286	46	286	171.3	233	271	38	271
152.2	59	76	17	76	160.3	38	45	7	45	171.4	66	77	11	77
152.3	3	3	-	3	160.4	9	9	-	9	171.5	193	207	14	207
152.8	1	2	1	2	160.5	12	16	4	16	171.6	109	122	13	122
152.9	422	471	49	471	160.8	1	1	-	1	171.7	13	19	6	19
153.0	31	35	5	35	160.9	148	187	39	188	171.8	2	3	1	3
153.1	201	250	49	250	161.0	50	103	53	103	171.9	2425	2651	227	2685
153.2	231	294	63	294	161.1	200	276	76	276	172.0	3	3	-	3
153.3	1071	1350	279	1357	161.2	5	10	5	10	172.1	2	2	-	2
153.4	944	1216	272	1216	161.3	3	5	2	5	172.2	19	19	-	19
153.5	113	126	13	126	161.8	-	-	-	-	172.3	66	84	18	85
153.6	717	890	173	890	161.9	3452	4885	1433	4891	172.4	91	97	6	97
153.7	22	25	3	25	162.0	135	169	34	169	172.5	223	239	16	239
153.8	6	6	-	6	162.2	112	127	15	127	172.6	149	166	17	166
153.9	45369	53402	8034	53568	162.3	1054	1256	202	1256	172.7	146	155	9	155
154.0	1341	1503	162	1422	162.4	63	75	12	75	172.8	-	-	-	-
154.1	6107	7293	1186	7374	162.5	332	404	72	404	172.9	5721	6229	508	6314
154.2	24	31	7	31	162.8	11	11	-	11	173.0	3	9	6	10
154.3	280	333	53	333	162.9	139578	151492	11917	151534	173.1	8	18	10	18
154.8	68	82	14	82	163.0	7	7	-	7	173.2	118	199	81	199
155.0	4128	4525	397	4525	163.1	-	-	-	-	173.3	229	434	205	443
155.1	1338	1422	84	1422	163.8	-	-	-	-	173.4	1073	1309	236	1313

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL	AXIS SECOND-	ENTITY AXIS		UC	RECORD TOTAL	AXIS SECOND-	ENTITY AXIS		UC	RECORD TOTAL	AXIS SECOND-	ENTITY AXIS
		MENTION	ARY				MENTION	ARY				MENTION	ARY	
173.5	59	82	23	84	187.4	175	251	76	251	192.1	122	164	42	164
173.6	41	78	37	79	187.5	-	-	-	-	192.2	72	93	21	93
173.7	58	82	24	84	187.6	3	4	1	4	192.3	-	1	1	1
173.8	1	2	1	2	187.7	9	15	6	15	192.8	-	-	-	-
173.9	580	1080	500	3395	187.8	4	4	-	4	192.9	68	87	19	89
174.0	6	13	7	13	187.9	18	23	5	24	193	1026	1274	248	1274
174.1	2	2	-	2	188.0	1	4	3	4	194.0	549	630	81	630
174.2	-	-	-	-	188.1	2	2	-	2	194.1	23	29	6	29
174.3	-	-	-	-	188.2	1	1	-	1	194.3	32	67	35	67
174.4	-	-	-	-	188.3	1	1	-	1	194.4	27	27	1	27
174.5	-	-	-	-	188.4	-	-	-	-	194.5	1	2	1	2
174.6	-	-	-	-	188.5	2	2	-	2	194.6	10	15	5	15
174.8	1	1	-	1	188.6	3	4	1	4	194.8	3	3	-	3
174.9	43382	51835	8454	51835	188.7	20	21	1	21	194.9	38	46	8	46
175	272	342	70	342	188.8	2	2	-	2	195.0	1629	1938	309	2260
179	2999	3718	719	3788	188.9	10309	13904	3595	13906	195.1	198	227	29	283
180.0	42	47	5	47	189.0	9686	11290	1604	11290	195.2	1077	1222	145	1371
180.1	-	-	-	-	189.1	157	177	20	177	195.3	301	355	54	426
180.8	1	1	-	1	189.2	305	409	104	409	195.4	13	20	7	26
180.9	4584	5187	604	5187	189.3	121	156	35	156	195.5	47	62	15	76
181	24	25	1	25	189.4	1	1	-	1	195.8	46	57	11	64
182.0	3029	3546	517	3546	189.8	1	2	1	2	196.0	...	154	154	154
182.1	-	1	1	1	189.9	42	55	13	57	196.1	...	133	133	133
182.8	-	-	-	-	190.0	5	8	3	8	196.2	...	180	180	180
183.0	12566	13561	995	13561	190.1	44	66	22	66	196.3	...	41	41	41
183.2	186	198	12	198	190.2	8	9	1	9	196.5	...	26	26	26
183.3	2	2	-	2	190.3	-	1	1	1	196.6	...	22	22	22
183.4	1	1	-	1	190.4	1	1	-	1	196.8	...	-	-	-
183.5	-	-	-	-	190.5	24	32	8	32	196.9	...	1510	1510	1510
183.8	4	4	-	4	190.6	12	13	1	13	197.0	...	18973	18973	18973
183.9	3	3	-	3	190.7	3	3	-	3	197.1	...	758	758	758
184.0	417	516	99	516	190.8	1	1	-	1	197.2	...	1312	1312	1312
184.1	8	8	-	8	190.9	157	199	42	200	197.3	...	267	267	267
184.2	1	1	-	1	191.0	361	388	27	388	197.4	...	139	139	139
184.3	-	1	1	1	191.1	218	231	13	231	197.5	...	2408	2408	2408
184.4	599	760	161	760	191.2	132	144	12	144	197.6	...	1463	1463	1463
184.8	33	35	2	35	191.3	131	145	14	145	197.7	...	27301	27301	27301
184.9	59	78	19	79	191.4	26	30	4	30	197.8	...	1782	1782	1782
185	32378	43291	10913	43291	191.5	29	31	2	31	198.0	...	665	665	665
186.0	-	1	1	1	191.6	183	200	17	200	198.1	...	667	667	667
186.9	342	428	86	428	191.7	212	227	15	227	198.2	...	742	742	742
187.1	-	-	-	-	191.8	92	104	12	104	198.3	...	20098	20098	20098
187.2	-	1	1	1	191.9	9971	10644	673	10663	198.4	...	1216	1216	1216
187.3	-	-	-	-	192.0	13	15	2	15	198.5	...	16138	16138	16138

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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198.6	...	326	326	326	206.9	32	43	11	44	213.4	1	1	-	1
198.7	...	768	768	768	207.0	100	111	11	111	213.5	-	-	-	-
198.8	...	11793	11793	11793	207.1	-	1	1	1	213.6	1	3	2	3
199.0	1702	27201	25499	27201	207.2	46	49	3	49	213.7	-	-	-	-
199.1	28774	63540	34768	55498	207.8	62	73	11	73	213.8	-	-	-	-
200.0	477	557	80	569	208.0	2765	2998	233	3117	213.9	3	6	3	6
200.1	846	1049	203	1049	208.1	184	320	136	327	214	8	20	12	20
200.2	137	147	10	205	208.2	5	7	2	7	215.0	1	4	3	4
200.8	411	467	56	502	208.8	17	20	4	25	215.2	-	1	1	1
201.0	-	-	-	-	208.9	1918	2573	655	2761	215.3	2	2	-	2
201.1	1	1	-	1	210.0	-	-	-	-	215.4	2	2	-	2
201.2	1	1	-	1	210.1	-	-	-	-	215.5	2	4	2	4
201.4	1	1	-	1	210.2	2	8	6	8	215.6	1	2	1	2
201.5	16	17	1	17	210.3	-	-	-	-	215.7	-	-	-	-
201.6	11	11	-	11	210.4	1	2	1	2	215.8	1	2	1	2
201.7	10	10	-	10	210.5	-	-	-	-	215.9	24	52	28	52
201.9	1592	2160	568	2163	210.6	-	-	-	-	216.0	-	1	1	1
202.0	188	240	52	240	210.7	-	1	1	1	216.1	-	1	1	1
202.1	143	217	74	217	210.8	-	1	1	1	216.2	2	3	1	3
202.2	8	12	4	12	210.9	2	2	-	2	216.3	-	-	-	-
202.3	20	26	6	26	211.0	2	9	7	9	216.4	-	-	-	-
202.4	116	187	71	187	211.1	19	48	29	48	216.5	1	1	-	1
202.5	-	-	-	-	211.2	3	2	-	2	216.6	1	1	-	1
202.6	4	6	2	6	211.3	43	291	248	291	216.7	2	5	3	5
202.8	16201	19597	3396	20510	211.4	3	12	9	12	216.8	-	-	-	-
202.9	50	72	22	76	211.5	11	20	9	20	216.9	33	45	12	45
203.0	8877	10704	1827	10704	211.6	12	20	8	20	217	-	1	1	1
203.1	38	58	20	58	211.7	16	39	23	39	218	13	51	38	51
203.8	19	31	12	31	211.8	4	6	2	6	219.0	-	-	-	-
204.0	1503	1670	167	1699	211.9	1	3	2	3	219.1	1	1	-	1
204.1	3668	6003	2335	6003	212.0	5	8	3	8	219.8	1	1	-	1
204.2	1	1	-	1	212.1	5	11	6	11	219.9	5	7	2	7
204.8	3	3	-	3	212.2	-	2	2	2	220	16	34	18	34
204.9	333	482	149	496	212.3	10	17	7	17	221.0	-	1	1	1
205.0	5099	5420	321	5553	212.4	-	-	-	-	221.1	-	-	-	-
205.1	2318	2789	472	2789	212.5	3	4	1	4	221.2	-	-	-	-
205.2	16	16	-	16	212.6	21	43	22	43	221.8	-	-	-	-
205.3	11	25	14	25	212.7	41	78	37	78	221.9	1	1	-	1
205.8	3	3	-	3	212.8	-	-	-	-	222.0	1	1	-	1
205.9	253	311	59	311	212.9	-	-	-	-	222.1	-	-	-	-
206.0	214	223	9	224	213.0	2	7	5	7	222.2	1	4	3	4
206.1	22	29	7	29	213.1	2	3	1	3	222.3	-	-	-	-
206.2	1	1	-	1	213.2	1	4	3	4	222.4	-	1	1	1
206.8	-	-	-	-	213.3	-	-	-	-	222.8	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	-
223.0	5	11	6	11	230.7	-	1	1	1	236.4	-	1	1	1
223.1	-	-	-	-	230.8	-	-	-	-	236.5	-	1	1	1
223.2	-	-	-	-	230.9	-	-	-	-	236.6	-	-	-	-
223.3	-	1	1	1	231.0	1	1	-	1	236.7	1	6	5	6
223.8	-	-	-	-	231.1	-	-	-	-	236.9	9	23	14	23
223.9	-	-	-	-	231.2	1	5	4	5	237.0	61	95	34	95
224.0	-	-	-	-	231.8	-	-	-	-	237.1	4	7	3	7
224.1	-	-	-	-	231.9	-	-	-	-	237.2	-	-	-	-
224.2	-	-	-	-	232.0	-	-	-	-	237.3	5	7	2	7
224.3	-	-	-	-	232.1	-	-	-	-	237.4	1	3	2	3
224.4	-	-	-	-	232.2	-	-	-	-	237.5	31	34	3	34
224.5	-	-	-	-	232.3	-	-	-	-	237.6	4	7	3	7
224.6	-	-	-	-	232.4	-	-	-	-	237.7	63	259	196	259
224.7	-	-	-	-	232.5	-	1	1	1	237.9	2	2	-	2
224.8	-	-	-	-	232.6	-	-	-	-	238.0	7	16	9	16
224.9	-	-	-	-	232.7	-	-	-	-	238.1	26	42	16	42
225.0	128	177	49	177	232.8	-	-	-	-	238.2	-	1	1	1
225.1	47	81	34	81	232.9	-	3	3	3	238.3	6	7	1	7
225.2	711	1373	662	1373	233.0	4	7	3	7	238.4	314	1216	902	1216
225.3	3	5	2	5	233.1	-	4	4	4	238.5	1	2	1	2
225.4	5	11	6	11	233.2	2	3	1	3	238.6	44	89	45	89
225.8	-	-	-	-	233.3	1	2	1	2	238.7	770	1577	808	1577
225.9	2	3	1	3	233.4	-	1	1	1	238.8	13	20	7	20
226	4	20	16	20	233.5	-	-	-	-	238.9	95	162	67	165
227.0	29	96	67	96	233.6	-	-	-	-	239.0	368	636	268	679
227.1	10	39	29	39	233.7	-	6	6	6	239.1	402	718	317	728
227.3	75	195	120	195	233.9	-	1	1	1	239.2	23	52	29	54
227.4	1	2	1	2	234.0	-	-	-	-	239.3	3	36	33	38
227.5	1	2	1	2	234.8	1	1	-	1	239.4	33	136	103	138
227.6	1	1	-	1	234.9	-	4	4	4	239.5	81	231	150	235
227.8	-	-	-	-	235.0	-	1	1	1	239.6	2341	3006	665	3088
227.9	-	-	-	-	235.1	-	-	-	-	239.7	159	363	204	366
228.0	49	97	48	97	235.2	59	159	100	159	239.8	186	395	209	398
228.1	45	99	54	99	235.3	11	16	5	16	239.9	88	156	68	323
229.0	-	1	1	1	235.4	4	5	1	5	240.0	1	4	3	4
229.8	5	9	4	9	235.5	6	14	8	14	240.9	28	199	172	212
229.9	23	51	28	53	235.6	-	1	1	1	241.0	-	25	25	25
230.0	-	2	2	2	235.7	22	49	27	49	241.1	7	50	43	54
230.1	-	2	2	2	235.8	8	10	2	10	241.9	5	32	27	33
230.2	-	2	2	2	235.9	-	-	-	-	242.0	22	107	85	97
230.3	1	8	7	8	236.0	4	4	-	4	242.1	-	-	-	-
230.4	-	1	1	1	236.1	2	3	1	3	242.2	2	9	7	5
230.5	-	-	-	-	236.2	7	10	3	10	242.3	4	9	5	8

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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
242.4	1	2	1	2	253.0	15	66	51	66	259.8	1	3	2	3
242.8	-	-	-	-	253.1	1	4	3	4	259.9	2	21	19	30
242.9	124	604	480	630	253.2	55	397	342	397	260	72	270	201	295
243	2	17	15	17	253.3	-	4	4	4	261	251	2012	1776	2089
244.0	...	4	4	4	253.4	1	2	1	2	262	24	80	57	70
244.1	-	2	2	2	253.5	31	214	183	214	263.0	2	4	2	4
244.2	-	1	1	1	253.6	86	673	587	673	263.1	1	1	-	1
244.3	-	1	1	1	253.7	2	5	3	5	263.2	2	4	2	-
244.8	-	3	3	3	253.8	3	16	13	16	263.8	-	5	5	5
244.9	727	8466	7739	8467	253.9	8	27	19	30	263.9	2516	26726	24210	27492
245.0	2	6	4	6	254.0	-	4	4	4	264.0	-	-	-	-
245.1	-	2	2	2	254.1	-	-	-	-	264.1	-	-	-	-
245.2	2	20	18	20	254.8	6	10	4	10	264.2	-	-	-	-
245.3	1	1	-	1	254.9	1	5	4	5	264.3	-	-	-	-
245.4	3	3	-	3	255.0	41	226	185	226	264.4	-	-	-	-
245.8	1	11	10	11	255.1	6	28	22	28	264.5	-	-	-	-
245.9	1	28	27	30	255.2	8	13	5	13	264.6	-	-	-	-
246.0	-	-	-	-	255.3	5	16	11	16	264.7	-	-	-	-
246.1	1	1	-	1	255.4	146	1031	885	1033	264.8	-	-	-	-
246.2	-	-	-	-	255.5	-	9	9	9	264.9	3	5	2	5
246.3	-	4	4	4	255.6	1	2	1	2	265.0	2	8	6	8
246.8	-	11	11	11	255.8	3	66	63	66	265.1	12	57	45	61
246.9	19	157	138	161	255.9	10	54	44	57	265.2	2	6	4	6
250.0	35731	139634	103951	159741	256.0	-	1	1	1	266.0	-	6	6	6
250.1	1700	2836	1137	1788	256.1	-	-	-	-	266.1	-	-	-	-
250.2	1170	1903	733	1129	256.2	-	-	-	-	266.2	13	189	176	224
250.3	4059	7951	3913	1711	256.3	-	-	-	-	266.9	-	2	2	2
250.4	97	339	242	170	256.4	1	2	1	2	267	1	9	8	9
250.5	342	864	524	375	256.8	-	-	-	-	268.0	-	3	3	4
250.6	3421	8426	5014	189	256.9	-	-	-	-	268.1	1	2	1	2
250.7	1007	2311	1307	214	257.0	-	-	-	-	268.2	5	28	23	29
250.9	137	185	49	241	257.1	-	-	-	-	268.9	-	8	8	9
251.0	30	97	68	155	257.2	1	3	2	3	269.0	1	5	4	5
251.1	5	11	6	11	257.8	-	-	-	-	269.1	-	4	4	4
251.2	147	1240	1093	1270	257.9	-	-	-	-	269.2	-	4	4	5
251.3	...	-	-	-	258.0	-	-	-	-	269.3	1	2	1	2
251.4	-	-	-	-	258.1	1	2	1	2	269.8	3	12	9	12
251.5	19	59	40	59	258.8	-	1	1	1	269.9	105	1050	945	1111
251.8	2	50	48	50	258.9	1	7	6	7	270.0	4	9	5	9
251.9	-	3	3	4	259.0	-	-	-	-	270.1	-	2	2	2
252.0	79	389	310	389	259.1	-	-	-	-	270.2	10	16	6	16
252.1	10	116	106	116	259.2	24	52	28	52	270.3	3	3	-	3
252.8	-	-	-	-	259.3	-	1	1	1	270.4	2	4	2	4
252.9	5	17	12	17	259.4	59	131	72	131	270.5	-	2	2	2

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270.6	54	80	26	80	276.6	42	238	196	238	283.0	82	261	179	261
270.7	11	30	19	30	276.7	232	3746	3514	3746	283.1	51	168	117	168
270.8	1	6	5	6	276.8	106	1009	903	1009	283.2	16	27	11	27
270.9	2	4	2	4	276.9	364	3404	3040	4507	283.9	14	38	24	38
271.0	27	42	15	43	277.0	414	456	42	456	284.0	28	71	43	39
271.1	3	4	2	4	277.1	11	32	21	32	284.8	427	3222	2795	3285
271.2	1	1	-	1	277.2	1	4	3	4	284.9	839	1842	1008	1953
271.3	11	203	192	203	277.3	634	1022	388	1022	285.0	159	443	284	429
271.4	5	13	8	13	277.4	2	25	23	25	285.1	10	31	21	22
271.8	9	10	1	10	277.5	69	86	17	86	285.8	57	198	141	196
271.9	-	1	1	1	277.6	145	195	50	196	285.9	1478	31061	29585	31894
272.0	618	2226	1608	2255	277.8	38	62	24	62	286.0	84	319	235	324
272.1	24	58	37	87	277.9	261	1511	1250	1755	286.1	6	19	13	19
272.2	12	47	35	18	278.0	1285	8561	7276	8648	286.2	1	7	6	7
272.3	-	4	4	4	278.1	-	-	-	-	286.3	47	154	107	154
272.4	710	2351	1641	2365	278.2	-	-	-	-	286.4	11	38	27	38
272.5	3	20	17	20	278.3	-	2	2	2	286.5	4	10	6	10
272.6	1	3	2	3	278.4	-	-	-	-	286.6	673	5024	4351	5024
272.7	71	105	34	105	278.8	126	218	92	218	286.7	2	7	5	7
272.8	8	20	12	20	279.0	16	97	81	97	286.9	435	3108	2673	3182
272.9	11	23	12	23	279.1	14	44	30	44	287.0	7	37	30	37
273.0	2	8	6	8	279.2	23	38	15	38	287.1	13	33	20	33
273.1	30	178	148	178	279.3	543	1235	692	1251	287.2	3	18	15	19
273.2	51	113	62	113	279.4	190	352	162	359	287.3	280	677	397	677
273.3	263	514	251	514	279.8	8	24	16	25	287.4	11	67	56	67
273.8	146	1266	1120	1266	279.9	9	19	10	20	287.5	423	4324	3901	4359
273.9	8	22	14	22	280	102	1474	1372	1387	287.8	-	4	4	4
274.0	24	246	222	207	281.0	95	1350	1257	1350	287.9	39	280	241	351
274.1	9	15	11	9	281.1	-	15	15	15	288.0	324	2896	2572	2902
274.8	2	5	3	-	281.2	14	126	112	126	288.1	18	46	28	46
274.9	50	1156	1108	1211	281.3	2	4	2	4	288.2	4	6	2	6
275.0	187	399	212	442	281.4	-	3	3	3	288.3	39	84	45	85
275.1	14	26	12	26	281.8	6	197	191	-	288.8	122	566	444	566
275.2	8	55	47	55	281.9	58	268	214	170	288.9	1	4	3	4
275.3	12	56	44	56	282.0	2	20	18	20	289.0	10	80	70	80
275.4	115	4556	4441	4557	282.1	-	4	4	4	289.1	-	1	1	1
275.8	-	1	1	1	282.2	4	7	3	5	289.2	2	11	9	11
275.9	2	4	2	4	282.3	14	18	4	18	289.3	3	18	15	18
276.0	232	1226	994	1226	282.4	39	135	96	135	289.4	25	195	170	195
276.1	235	2146	1911	2146	282.5	6	25	19	29	289.5	109	535	426	536
276.2	719	7006	6291	8050	282.6	399	601	202	607	289.6	2	6	4	6
276.3	6	95	89	95	282.7	4	9	5	10	289.7	1	3	2	3
276.4	1	11	10	11	282.8	1	1	-	1	289.8	2135	4778	2643	4811
276.5	2876	23183	20307	23195	282.9	185	580	395	591	289.9	101	500	400	642

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290.0	3192	14339	11155	14309	296.8	-	7	7	7	302.5	-	-	-	-	
290.1	3870	8959	5089	8344	296.9	2	55	53	58	302.6	-	-	-	-	
290.2	87	533	450	66	297.0	-	1	1	1	302.7	-	1	1	1	
290.3	6	11	5	-	297.1	1	43	42	43	302.8	-	-	-	-	
290.4	1742	6217	4475	5425	297.2	-	3	3	3	302.9	-	1	1	1	
290.8	3	3	-	3	297.3	1	6	5	6	303	5223	14919	9697	20392	
290.9	2	4	2	3	297.8	-	-	-	-	304.0	17	41	24	41	
291.0	157	249	103	273	297.9	5	76	71	76	304.1	-	3	3	3	
291.1	16	8	3	4	298.0	1	2	1	2	304.2	12	23	11	23	
291.2	90	78	61	82	298.1	-	4	4	4	304.3	-	1	1	1	
291.3	-	-	-	-	298.2	-	2	2	2	304.4	-	-	-	-	
291.4	-	-	-	-	298.3	-	-	-	-	304.5	-	1	1	1	
291.5	-	-	-	-	298.4	-	3	3	3	304.6	13	88	75	88	
291.8	155	250	104	301	298.8	-	-	-	-	304.7	-	-	-	-	
291.9	15	89	84	7	298.9	3563	13756	10196	13974	304.8	1	1	-	1	
292.0	7	14	7	14	299.0	3	14	11	14	304.9	308	638	330	642	
292.1	-	-	-	-	299.1	2	4	2	4	305.0	784	3853	3069	5953	
292.2	-	-	-	-	299.8	-	-	-	-	305.1	239	16310	16071	16309	
292.8	-	-	-	-	299.9	-	1	1	1	305.2	1	24	23	24	
292.9	-	7	7	5	300.0	11	414	403	415	305.3	-	7	7	7	
293.0	2	11	9	11	300.1	24	50	26	50	305.4	-	10	10	10	
293.1	2	2	-	2	300.2	-	12	12	12	305.5	13	48	35	48	
293.8	-	-	-	-	300.3	2	9	7	9	305.6	85	429	344	429	
293.9	7	22	15	22	300.4	13	315	302	314	305.7	6	31	25	31	
294.0	11	110	99	110	300.5	1	6	5	6	305.8	-	7	7	7	
294.8	-	2	2	2	300.6	1	1	-	1	305.9	587	2859	2272	2918	
294.9	74	2069	1999	17492	300.7	-	3	3	3	306.0	-	-	-	-	
295.0	69	233	164	233	300.8	1	2	1	2	306.1	4	10	6	10	
295.1	2	8	6	8	300.9	25	248	223	253	306.2	4	67	63	67	
295.2	15	50	35	50	301.0	-	6	6	6	306.3	-	-	-	-	
295.3	19	247	228	247	301.1	-	1	1	1	306.4	2	4	2	4	
295.4	-	1	1	1	301.2	-	9	9	9	306.5	-	-	-	-	
295.5	-	-	-	-	301.3	-	3	3	3	306.6	-	-	-	-	
295.6	50	531	481	531	301.4	-	-	-	-	306.7	-	-	-	-	
295.7	3	38	35	38	301.5	-	-	-	-	306.8	-	-	-	-	
295.8	-	5	5	5	301.6	-	2	2	2	306.9	-	-	-	-	
295.9	103	1636	1533	1640	301.7	2	4	2	4	307.0	-	1	1	1	
296.0	2	17	15	17	301.8	-	1	1	1	307.1	70	148	78	148	
296.1	25	188	163	188	301.9	4	80	76	81	307.2	-	8	8	8	
296.2	2	6	4	6	302.0	-	27	27	27	307.3	-	-	-	-	
296.3	-	5	5	5	302.1	-	-	-	-	307.4	-	1	1	1	
296.4	-	3	3	3	302.2	-	-	-	-	307.5	107	389	282	389	
296.5	11	162	151	162	302.3	-	-	-	-	307.6	-	-	-	-	
296.6	10	244	234	244	302.4	-	-	-	-	307.7	-	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
307.8	-	1	1	1	315.8	-	1	1	1	333.5	11	40	29	40
307.9	22	92	70	104	315.9	2	20	18	20	333.6	8	14	6	14
308.0	1	2	1	2	316	-	2	2	2	333.7	1	1	-	1
308.1	-	-	-	-	317	1	32	31	32	333.8	42	194	152	194
308.2	-	-	-	-	318.0	1	11	10	11	333.9	27	62	35	64
308.3	-	3	3	3	318.1	85	286	201	286	334.0	51	86	35	86
308.4	-	-	-	-	318.2	47	208	161	208	334.1	5	10	5	10
308.9	29	259	230	259	319	246	1578	1332	1581	334.2	15	32	17	32
309.0	3	32	29	32	320.0	63	76	13	76	334.3	25	80	55	80
309.1	-	-	-	-	320.1	188	311	123	311	334.8	60	111	51	111
309.2	-	-	-	-	320.2	77	141	64	141	334.9	115	246	131	247
309.3	-	-	-	-	320.3	20	71	51	71	335.0	129	134	5	134
309.4	-	-	-	-	320.8	22	52	30	52	335.1	48	66	18	66
309.8	-	-	-	-	320.9	194	344	150	346	335.2	3568	4173	605	4173
309.9	-	4	4	4	322.0	1	8	7	8	335.8	-	-	-	-
310.0	2	5	3	5	322.1	-	-	-	-	335.9	4	5	1	5
310.1	-	2	2	3	322.2	13	29	16	30	336.0	33	67	34	67
310.2	15	53	38	55	322.9	439	1652	1215	1673	336.1	31	121	90	121
310.8	1	3	2	3	323.5	-	-	-	-	336.8	17	53	36	55
310.9	4198	27505	23307	27509	323.8	2	6	4	6	336.9	71	278	207	1088
311	315	5407	5092	5418	323.9	270	974	704	1048	337.0	5	11	6	11
312.0	-	-	-	-	324.0	130	405	275	405	337.9	17	43	26	90
312.1	-	-	-	-	324.1	12	35	23	35	340	1647	2899	1252	2899
312.2	-	-	-	-	324.9	26	59	33	60	341.0	2	6	4	6
312.3	-	-	-	-	325	14	42	28	42	341.1	6	13	7	13
312.8	-	1	1	1	326	46	74	28	74	341.8	29	34	5	34
312.9	1	17	16	17	330.0	103	122	19	122	341.9	92	184	92	190
313.0	-	-	-	-	330.1	44	51	7	51	342.0	-	8	8	8
313.1	-	-	-	-	330.8	18	23	5	23	342.1	2	25	23	25
313.2	-	-	-	-	330.9	4	5	1	8	342.9	155	7431	7276	7783
313.3	-	-	-	-	331.0	13744	31575	17836	32173	343.0	2	7	5	3
313.8	-	-	-	-	331.1	25	36	11	40	343.1	-	3	3	3
313.9	-	-	-	-	331.2	33	94	64	87	343.2	46	79	33	21
314.0	-	-	-	-	331.3	14	43	29	43	343.3	-	-	-	-
314.1	-	-	-	-	331.4	596	2106	1514	2134	343.4	1	1	-	1
314.2	-	-	-	-	331.8	42	67	25	67	343.8	2	3	1	3
314.8	-	-	-	-	331.9	477	1804	1328	1958	343.9	722	1312	591	1375
314.9	-	5	5	5	332.0	7251	20303	13052	20324	344.0	202	1253	1051	1313
315.0	-	-	-	-	332.1	3	15	12	15	344.1	116	1307	1191	1311
315.1	-	-	-	-	333.0	181	288	107	268	344.2	-	19	19	20
315.2	-	-	-	-	333.1	2	40	38	40	344.3	4	60	56	60
315.3	-	2	2	2	333.2	11	31	20	31	344.4	2	13	11	13
315.4	-	21	21	21	333.3	-	-	-	-	344.5	-	2	2	2
315.5	-	-	-	-	333.4	371	573	202	573	344.6	147	681	534	681

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
344.8	119	1097	978	1097	352.5	1	4	3	5	358.2	-	-	-	-
344.9	68	792	724	836	352.6	7	15	8	14	358.8	11	16	5	16
345.0	3	13	10	13	352.9	10	16	6	17	358.9	130	195	65	196
345.1	384	795	411	796	353.0	-	12	12	12	359.0	30	41	11	41
345.2	1	2	1	2	353.1	-	3	3	3	359.1	599	841	242	847
345.3	596	1206	611	1204	353.2	-	-	-	-	359.2	144	214	70	214
345.4	8	29	21	29	353.3	-	-	-	-	359.3	2	2	-	2
345.5	4	13	9	13	353.4	-	-	-	-	359.4	5	67	64	67
345.6	7	16	9	16	353.5	-	-	-	-	359.8	32	61	29	61
345.7	4	7	3	7	353.6	-	1	1	1	359.9	106	272	166	275
345.8	1	2	1	2	353.8	-	-	-	-	360.0	1	10	9	10
345.9	619	1209	590	1279	353.9	-	-	-	-	360.1	-	-	-	-
346.0	-	2	2	2	354.0	-	13	13	13	360.2	-	-	-	-
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	-
346.2	-	4	4	4	354.2	-	-	-	-	360.4	2	3	1	3
346.8	2	2	-	2	354.3	-	1	1	1	360.5	-	-	-	-
346.9	1	44	43	44	354.4	-	-	-	-	360.6	-	-	-	-
347	1	34	33	34	354.5	2	14	12	14	360.8	-	2	2	2
348.0	46	75	29	75	354.8	5	15	10	15	360.9	-	-	-	-
348.1	1933	17109	15177	17080	354.9	-	1	1	1	361.0	-	-	-	-
348.2	44	1198	1154	1198	355.0	-	-	-	-	361.1	-	-	-	-
348.3	480	3460	2980	3555	355.1	-	-	-	-	361.2	-	-	-	-
348.4	81	3053	2972	3053	355.2	1	5	4	5	361.3	-	-	-	-
348.5	160	2979	2819	2979	355.3	-	1	1	1	361.8	-	-	-	-
348.8	103	813	710	814	355.4	-	1	1	1	361.9	-	15	15	15
348.9	279	1168	889	1859	355.5	-	-	-	-	362.1	-	13	13	148
349.0	-	-	-	-	355.6	-	2	2	2	362.2	-	4	4	4
349.1	6	6	-	6	355.7	-	1	1	1	362.3	-	11	11	11
349.2	-	-	-	-	355.8	-	6	6	6	362.4	-	-	-	-
349.8	214	499	285	499	355.9	45	299	258	550	362.5	1	85	84	85
349.9	111	239	128	335	356.0	-	1	1	1	362.6	-	21	21	21
350.1	4	89	85	89	356.1	25	85	60	85	362.7	1	20	19	20
350.2	-	-	-	-	356.2	4	11	7	11	362.8	-	9	9	11
350.8	1	1	-	1	356.3	-	-	-	-	362.9	-	6	6	6
350.9	-	1	1	1	356.4	7	10	3	10	363.0	-	-	-	-
351.0	3	54	51	54	356.8	320	434	114	434	363.1	-	-	-	-
351.1	-	-	-	-	356.9	94	460	366	802	363.2	-	98	98	103
351.8	1	3	2	3	357.0	203	402	199	405	363.3	-	-	-	-
351.9	-	1	1	1	357.5	5	19	14	19	363.4	-	1	1	1
352.0	-	-	-	-	357.6	-	2	2	2	363.5	-	1	1	1
352.1	1	1	-	1	357.7	-	1	1	1	363.6	-	4	4	4
352.2	1	1	-	1	357.8	-	1	1	1	363.7	-	-	-	-
352.3	3	5	2	5	357.9	12	38	26	50	363.8	-	-	-	-
352.4	-	-	-	1	358.0	266	739	473	739	363.9	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

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	364.0	-	-	-		-	369.0	10	1316		1306	1317	374.2	-
364.1	-	-	-	-	369.1	-	-	-	-	374.3	-	2	2	2
364.2	-	-	-	-	369.2	-	-	-	-	374.4	-	1	1	1
364.3	-	4	4	4	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	-	-	-	369.6	-	33	33	33	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	1	1	1
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	37	37	37	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	9	9	9	375.2	-	-	-	-
364.9	-	-	-	-	370.2	-	-	-	-	375.3	-	2	2	2
365.0	-	-	-	-	370.3	-	1	1	1	375.4	-	-	-	-
365.1	-	2	2	2	370.4	-	-	-	-	375.5	-	-	-	-
365.2	1	4	3	4	370.5	-	-	-	-	375.6	-	1	1	1
365.3	-	-	-	-	370.6	-	1	1	1	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	1	1	1	375.9	-	-	-	-
365.5	-	2	2	2	370.9	1	7	6	7	376.0	8	22	14	22
365.6	-	-	-	-	371.0	-	3	3	3	376.1	-	1	1	1
365.8	-	2	2	2	371.1	-	-	-	-	376.3	1	5	4	5
365.9	4	890	886	892	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	-	-	-	371.3	-	-	-	-	376.5	-	-	-	-
366.1	-	11	11	11	371.4	-	3	3	3	376.6	-	-	-	-
366.2	-	1	1	1	371.5	-	-	-	-	376.8	-	-	-	-
366.3	-	1	1	1	371.6	-	-	-	-	376.9	-	2	2	2
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	-	-	-
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	3	3	3
366.8	-	-	-	-	371.9	-	2	2	2	377.2	-	-	-	-
366.9	2	219	217	247	372.0	1	11	10	11	377.3	1	15	14	15
367.0	-	-	-	-	372.1	-	1	1	1	377.4	-	3	3	3
367.1	-	1	1	1	372.2	-	-	-	-	377.5	-	-	-	-
367.2	-	-	-	-	372.3	-	17	17	17	377.6	-	-	-	-
367.3	-	-	-	-	372.4	1	2	1	2	377.7	-	-	-	-
367.4	-	-	-	-	372.5	-	-	-	-	377.9	-	-	-	-
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	-	-	-
367.8	-	1	1	1	372.7	-	1	1	1	378.1	1	3	2	3
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	2	2	2	372.9	-	-	-	-	378.3	-	1	1	1
368.1	-	2	2	2	373.0	-	1	1	1	378.4	-	1	1	1
368.2	-	2	2	2	373.1	1	2	1	2	378.5	1	3	2	3
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	4	4	4	373.3	-	-	-	-	378.7	-	1	1	1
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	5	5	5
368.6	-	-	-	-	373.9	-	-	-	-	378.9	1	2	1	2
368.8	1	1	-	1	374.0	-	1	1	1	379.0	-	3	3	3
368.9	-	-	-	-	374.1	-	2	2	2	379.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
379.2	1	5	4	5	385.3	1	7	6	7	394.9	1554	3076	1522	3182
379.3	-	1	1	1	385.8	-	-	-	-	395.0	91	109	18	199
379.4	-	-	-	-	385.9	-	1	1	1	395.1	19	29	10	75
379.5	-	-	-	-	386.0	2	29	27	29	395.2	9	10	1	-
379.8	-	3	3	3	386.1	-	2	2	2	395.9	54	73	19	101
379.9	-	12	12	12	386.2	-	-	-	-	396	1105	1863	758	1735
380.0	-	1	1	1	386.3	1	18	17	18	397.0	143	709	566	709
380.1	4	17	13	17	386.4	-	-	-	-	397.1	3	8	5	8
380.2	-	-	-	-	386.5	-	3	3	3	397.9	369	531	162	645
380.3	-	-	-	-	386.8	-	1	1	1	398.0	1	3	2	5
380.4	-	-	-	-	386.9	-	1	1	1	398.9	1465	2469	1005	3754
380.5	-	-	-	-	387.0	-	-	-	-	401.0	52	473	422	617
380.8	-	-	-	-	387.1	-	-	-	-	401.1	2	109	107	125
380.9	-	-	-	-	387.2	-	-	-	-	401.9	4564	97844	93296	117327
381.0	-	-	-	-	387.8	-	-	-	-	402.0	35	27	7	-
381.1	-	-	-	-	387.9	-	8	8	8	402.1	12	12	1	-
381.2	-	-	-	-	388.0	-	10	10	10	402.9	21025	38164	17336	34081
381.3	-	-	-	-	388.1	-	-	-	-	403.0	39	96	59	3
381.4	-	-	-	-	388.2	-	-	-	-	403.1	7	20	13	18
381.5	-	-	-	-	388.3	-	2	2	2	403.9	4505	13655	9241	5060
381.6	-	-	-	-	388.4	-	-	-	-	404.0	14	16	3	2
381.7	-	-	-	-	388.5	-	1	1	1	404.1	1	2	1	-
381.8	-	-	-	-	388.6	-	-	-	-	404.9	2362	3485	1460	379
381.9	-	1	1	1	388.7	-	-	-	-	410	239008	270674	31669	270676
382.0	3	5	2	5	388.8	-	-	-	-	411	3333	7667	4334	7667
382.1	-	-	-	-	388.9	-	3	3	3	412	956	6098	5143	6098
382.2	-	-	-	-	389.0	-	-	-	-	413	1070	6021	4951	6023
382.3	-	-	-	-	389.1	-	16	16	16	414.0	158470	272644	114179	272648
382.4	6	10	4	10	389.2	-	-	-	-	414.1	302	975	673	975
382.9	42	123	81	126	389.7	-	60	60	60	414.8	12689	21010	8321	21011
383.0	2	4	2	4	389.8	-	-	-	-	414.9	73343	146345	73004	157498
383.1	1	3	2	3	389.9	3	446	443	447	415.0	10	105	95	105
383.2	1	2	1	2	390	6	30	24	43	415.1	9472	27429	17957	27429
383.3	...	-	-	-	391.0	30	76	46	78	416.0	1282	3899	2617	3899
383.8	-	-	-	-	391.1	18	22	4	26	416.1	102	243	141	22
383.9	8	21	13	22	391.2	-	3	3	3	416.8	1	4	3	4
384.0	-	-	-	-	391.8	4	8	4	4	416.9	926	8177	7252	8505
384.1	1	1	-	1	391.9	8	12	4	16	417.0	2	11	9	11
384.2	-	1	1	1	392.0	-	-	-	-	417.1	16	21	5	21
384.8	1	2	1	2	392.9	-	2	2	2	417.8	20	58	38	58
384.9	-	-	-	-	393	3	4	1	4	417.9	17	41	24	48
385.0	-	-	-	-	394.0	895	1517	623	1657	420.9	54	176	122	177
385.1	-	1	1	1	394.1	158	211	53	402	421.0	903	2171	1269	2207
385.2	-	2	2	2	394.2	83	107	27	1	421.9	18	35	17	41

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
422.9	309	435	126	440	429.4	...	21	21	21	442.1	25	50	25	50
423.0	30	701	671	701	429.5	13	42	29	42	442.2	169	308	139	308
423.1	12	70	58	70	429.6	11	137	126	137	442.3	43	111	68	111
423.2	66	179	113	179	429.8	122	714	592	719	442.8	110	262	152	277
423.8	6	39	33	39	429.9	2756	9628	6908	19090	442.9	359	537	178	847
423.9	338	3559	3221	3827	430	6815	7789	994	7186	443.0	6	92	86	92
424.0	2044	5117	3073	5112	431	17852	24738	6891	25316	443.1	5	41	36	41
424.1	7966	17747	9781	17748	432.0	2	14	12	15	443.8	31	75	44	75
424.2	5	58	53	58	432.1	506	1332	826	1351	443.9	4023	15256	11626	20930
424.3	9	41	32	41	432.9	2215	3365	1153	3621	444.0	127	297	170	297
424.9	2980	6072	3092	6501	433.0	303	412	109	457	444.1	296	623	327	623
425.0	10	14	4	14	433.1	848	1748	900	1762	444.2	545	2283	1738	2283
425.1	263	444	181	444	433.2	25	40	15	88	444.8	98	456	358	456
425.2	2	2	-	2	433.3	61	105	44	52	444.9	305	1163	858	1582
425.3	80	110	30	110	433.8	15	29	14	30	446.0	125	209	84	209
425.4	20645	26991	6349	26998	433.9	4	11	7	11	446.1	5	5	-	5
425.5	858	985	232	749	434.0	7802	11058	3256	11058	446.2	108	210	102	210
425.9	615	11034	10426	12390	434.1	651	2177	1526	2177	446.3	6	8	2	8
426.0	312	3105	2793	3105	434.9	10459	18623	8164	19409	446.4	204	314	110	314
426.1	32	388	356	388	435	336	2314	1978	2314	446.5	108	578	470	578
426.2	-	3	3	3	436	80745	147633	66890	153529	446.6	245	280	35	280
426.3	10	324	314	324	437.0	3967	21137	17182	20643	446.7	7	16	9	16
426.4	5	194	189	194	437.1	631	1947	1317	1979	447.0	15	31	16	31
426.5	6	137	131	137	437.2	45	98	53	85	447.1	133	363	230	363
426.6	10	102	92	102	437.3	382	643	261	2012	447.2	205	523	318	523
426.7	47	127	80	127	437.4	75	119	44	119	447.3	2	2	-	2
426.8	285	3510	3225	3510	437.5	9	14	5	14	447.4	1	1	-	1
426.9	131	1371	1240	1371	437.6	-	-	-	-	447.5	2	6	4	6
427.0	19	216	197	216	437.8	56	413	358	225	447.6	555	1375	820	1446
427.1	553	7798	7245	7798	437.9	4160	12770	8619	19238	447.8	24	52	28	52
427.2	2	41	39	41	438	6124	17358	11234	17358	447.9	304	533	230	812
427.3	3157	31942	28785	31944	440.0	71	434	363	712	448.0	34	91	57	91
427.4	1449	22671	21222	22671	440.1	54	316	262	351	448.1	-	-	-	-
427.5	29190	394432	365242	394434	440.2	901	3520	2620	2303	448.9	17	45	28	45
427.6	71	1128	1057	1128	440.8	5	48	44	57	451.0	2	10	8	10
427.8	604	5645	5041	5645	440.9	17016	85737	68728	95639	451.1	536	1429	894	1431
427.9	4697	51378	46685	68852	441.0	3081	3454	374	3454	451.2	450	1120	672	1123
428.0	34156	237708	203554	241377	441.1	1295	1375	80	1436	451.8	33	74	41	74
428.1	154	787	635	2122	441.2	616	1293	677	1445	451.9	345	1314	971	1331
428.9	3617	31024	27407	33738	441.3	6804	7321	517	7315	452	47	151	104	151
429.0	553	1660	1107	1595	441.4	1895	5376	3481	5855	453.0	41	107	66	107
429.1	526	1008	482	1017	441.5	2052	2213	161	2383	453.1	2	57	55	57
429.2	69120	110751	41641	112606	441.6	659	1857	1198	2145	453.2	44	197	153	197
429.3	751	6580	5830	6753	442.0	1	2	1	2	453.3	20	53	33	53

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
453.8	126	423	297	423	463	3	9	6	9	478.8	1	1	-	1
453.9	147	1580	1433	2523	464.0	14	29	15	29	478.9	13	22	9	24
454.0	33	218	185	225	464.1	14	49	35	55	480.0	7	17	10	17
454.1	9	65	56	71	464.2	6	8	2	9	480.1	32	61	29	63
454.2	8	34	26	13	464.3	36	53	17	53	480.2	2	7	5	7
454.9	118	295	177	310	464.4	3	3	-	3	480.8	6	14	8	14
455.0	-	8	8	9	465.0	-	6	6	6	480.9	673	1077	404	1137
455.1	-	-	-	-	465.8	-	1	1	1	481	2620	4943	2323	4940
455.2	-	1	1	-	465.9	151	662	511	775	482.0	285	744	459	751
455.3	-	2	2	2	466.0	533	2038	1505	2302	482.1	540	1754	1214	1765
455.4	-	-	-	-	466.1	100	219	119	220	482.2	90	220	130	224
455.5	-	-	-	-	470	-	1	1	1	482.3	338	642	305	650
455.6	6	28	22	31	471.0	-	-	-	-	482.4	887	2143	1256	2170
455.7	-	3	3	3	471.1	-	-	-	-	482.8	230	529	300	532
455.8	6	17	11	14	471.8	-	2	2	2	482.9	1237	2631	1404	2626
455.9	-	1	1	1	471.9	1	6	5	6	483	149	208	59	210
456.0	319	3398	3080	1586	472.0	2	8	6	8	485	6376	18729	12353	18901
456.1	52	860	808	2741	472.1	1	2	1	2	486	63943	171741	107807	177407
456.3	-	-	-	-	472.2	-	-	-	-	487.0	1040	1206	166	139
456.4	1	1	-	1	473.0	7	20	13	20	487.1	1023	1654	672	2756
456.5	1	3	2	3	473.1	1	3	2	4	487.8	35	40	12	12
456.6	-	1	1	1	473.2	2	5	3	5	490	615	2234	1619	3591
456.8	26	375	349	375	473.3	3	8	5	8	491.0	104	24	22	43
457.0	-	1	1	1	473.8	7	17	10	17	491.1	28	65	47	108
457.1	20	184	164	184	473.9	57	234	177	235	491.2	2106	3515	1409	210
457.2	1	21	20	21	474.0	-	3	3	3	491.8	98	156	65	175
457.8	18	60	42	60	474.1	1	3	2	3	491.9	649	2260	1614	4221
457.9	2	2	-	2	474.2	-	-	-	-	492	15706	32791	17085	34356
458.0	11	134	124	155	474.8	-	5	5	5	493.0	53	72	19	55
458.1	-	5	5	5	474.9	1	21	20	21	493.1	15	28	13	29
458.9	910	8788	7878	8788	475	24	34	10	34	493.9	4751	10413	5700	10581
459.0	397	4452	4055	4980	476.0	3	4	1	4	494	929	1824	895	1840
459.1	1	8	7	8	476.1	1	2	1	2	495.0	12	19	7	19
459.2	30	962	932	962	477.0	-	1	1	1	495.1	-	2	2	2
459.8	23	93	70	93	477.8	1	1	-	2	495.2	2	2	-	2
459.9	453	870	422	5150	477.9	8	30	22	46	495.3	-	-	-	-
460	6	26	20	30	478.0	1	2	1	2	495.4	-	-	-	-
461.0	1	1	-	1	478.1	4	10	6	10	495.5	-	-	-	-
461.1	-	-	-	-	478.2	90	254	164	255	495.6	-	-	-	-
461.2	-	-	-	-	478.3	31	193	162	193	495.7	-	-	-	-
461.3	-	-	-	-	478.4	1	9	8	9	495.8	1	1	-	1
461.8	1	1	-	1	478.5	1	5	4	5	495.9	11	17	6	18
461.9	8	19	11	19	478.6	17	58	41	58	496	61599	148930	87336	156740
462	21	66	45	67	478.7	49	214	165	217	500	734	1990	1256	1990

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
501	302	948	646	948	519.3	37	135	98	135	524.1	-	-	-	-
502	150	308	158	308	519.4	21	68	47	68	524.2	-	-	-	-
503	4	14	10	14	519.8	547	2053	1506	2358	524.3	-	-	-	-
504	10	18	8	18	519.9	112	432	321	687	524.4	-	-	-	-
505	135	381	246	396	520.0	-	-	-	-	524.5	-	-	-	-
506.0	18	29	11	29	520.1	-	-	-	-	524.6	-	2	2	2
506.1	2	4	2	4	520.2	-	2	2	2	524.8	-	1	1	1
506.2	-	-	-	-	520.3	-	-	-	-	524.9	1	4	3	4
506.3	-	2	2	2	520.4	-	-	-	-	525.0	-	-	-	-
506.4	3	3	-	3	520.5	-	-	-	-	525.1	-	-	-	-
506.9	-	-	-	-	520.6	-	-	-	-	525.2	-	-	-	-
507.0	7694	35532	27839	35553	520.7	-	3	3	3	525.3	-	-	-	-
507.1	8	16	8	17	520.8	-	-	-	-	525.8	5	15	10	15
507.8	-	2	2	2	520.9	-	-	-	-	525.9	1	18	17	18
508.0	34	376	342	376	521.0	1	15	14	15	526.0	-	-	-	-
508.1	10	101	91	101	521.1	-	-	-	-	526.1	-	3	3	3
508.8	4	38	34	38	521.2	-	-	-	-	526.2	-	-	-	-
508.9	-	-	-	-	521.3	-	-	-	-	526.3	-	1	1	1
510.0	58	346	288	351	521.4	-	-	-	-	526.4	3	14	11	14
510.9	309	1359	1050	1407	521.5	-	-	-	-	526.5	-	-	-	-
511.0	41	290	249	334	521.6	-	-	-	-	526.8	-	-	-	-
511.1	2	5	3	4	521.7	-	-	-	-	526.9	1	6	5	6
511.8	64	495	431	495	521.8	-	-	-	-	527.0	-	-	-	-
511.9	770	11046	10276	11059	521.9	-	-	-	-	527.1	-	1	1	1
512	358	3201	2843	3210	522.0	-	-	-	-	527.2	30	115	85	115
513.0	435	1413	978	1420	522.1	-	-	-	-	527.3	1	16	15	16
513.1	7	27	20	27	522.2	-	-	-	-	527.4	-	-	-	-
514	771	19449	18678	19467	522.3	-	-	-	-	527.5	-	-	-	-
515	5270	10029	4759	10261	522.4	3	6	3	6	527.6	-	-	-	-
516.0	8	16	8	16	522.5	8	26	18	26	527.7	-	1	1	1
516.2	1	1	-	1	522.6	-	-	-	-	527.8	1	1	-	1
516.3	163	223	60	223	522.7	-	-	-	-	527.9	-	6	6	6
516.8	923	1215	292	1223	522.8	-	-	-	-	528.0	4	26	22	26
516.9	2	3	1	3	522.9	1	1	-	1	528.1	-	1	1	1
518.0	215	1810	1595	1812	523.0	-	1	1	1	528.2	1	4	3	4
518.1	31	69	38	69	523.1	2	17	15	17	528.3	9	18	9	18
518.2	1	2	1	2	523.2	-	-	-	-	528.4	-	-	-	-
518.3	252	694	442	694	523.3	3	5	2	5	528.5	1	3	3	3
518.4	268	5972	5705	6120	523.4	3	6	3	6	528.6	-	1	1	1
518.5	1672	12766	11094	12755	523.5	1	1	-	1	528.7	-	-	-	-
518.8	3028	11485	8461	14629	523.6	-	-	-	-	528.8	-	-	-	-
519.0	15	32	17	32	523.8	2	2	1	2	528.9	16	49	33	50
519.1	259	1566	1307	1694	523.9	1	3	2	4	529.0	1	12	11	12
519.2	40	216	176	216	524.0	1	13	12	13	529.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
529.2	-	-	-	-	534.0	-	1	1	-	551.9	28	37	11	5
529.3	-	-	-	-	534.1	-	-	-	-	552.0	57	78	21	85
529.4	-	-	-	-	534.2	-	-	-	-	552.1	43	84	41	84
529.5	-	-	-	-	534.3	-	1	1	2	552.2	141	229	88	184
529.6	-	-	-	-	534.4	42	79	37	19	552.3	71	148	78	67
529.8	-	11	11	11	534.5	14	17	3	19	552.8	17	30	13	17
529.9	-	4	4	4	534.6	2	4	2	-	552.9	128	219	91	232
530.0	71	184	113	184	534.7	1	1	-	1	553.0	5	11	6	20
530.1	552	2185	1633	2185	534.9	12	38	26	101	553.1	27	144	117	162
530.2	127	375	248	375	535.0	69	196	129	214	553.2	56	287	233	381
530.3	298	1210	912	1248	535.1	41	220	179	220	553.3	369	1704	1338	1803
530.4	201	421	220	421	535.2	4	9	5	9	553.8	13	35	22	56
530.5	192	451	259	451	535.3	85	56	21	52	553.9	86	232	146	275
530.6	67	127	60	127	535.4	196	603	408	609	555.0	10	17	7	19
530.7	75	175	100	175	535.5	285	1542	1257	1553	555.1	14	34	20	36
530.8	218	1397	1179	1588	535.6	10	102	92	102	555.2	2	2	-	-
530.9	50	112	62	123	536.0	-	-	-	-	555.9	328	955	627	956
531.0	21	44	23	11	536.1	5	18	13	18	556	327	946	619	946
531.1	2	8	6	10	536.2	3	13	10	13	557.0	4521	7921	3402	8540
531.2	2	3	1	1	536.8	66	231	165	259	557.1	359	653	295	653
531.3	6	18	12	51	536.9	63	298	235	299	557.9	2153	4586	2433	5133
531.4	937	1833	896	538	537.0	124	711	587	711	558	1110	4160	3051	4312
531.5	649	1188	539	1299	537.1	-	1	1	1	560.0	40	52	12	52
531.6	79	128	49	12	537.2	1	2	1	2	560.1	332	1652	1320	1676
531.7	3	27	24	40	537.3	6	118	112	118	560.2	618	1020	402	1068
531.9	187	1382	1199	2761	537.4	33	175	142	175	560.3	155	387	233	381
532.0	24	35	13	12	537.5	-	3	3	3	560.8	348	642	294	73
532.1	8	13	5	10	537.6	1	2	1	2	560.9	3003	11740	8738	12921
532.2	-	1	1	1	537.8	85	426	342	559	562.0	26	35	10	35
532.3	4	18	14	45	537.9	105	363	259	395	562.1	3066	6362	3297	6363
532.4	922	1788	866	718	540.0	322	599	277	571	564.0	41	203	162	203
532.5	794	1393	599	1516	540.1	28	75	47	73	564.1	65	265	200	265
532.6	85	137	52	9	540.9	25	47	22	95	564.2	-	25	25	25
532.7	1	28	27	49	541	56	99	43	127	564.3	...	3	3	3
532.9	160	1031	871	2213	542	1	6	5	6	564.4	-	-	-	-
533.0	24	44	21	16	543	6	11	5	11	564.5	-	2	2	2
533.1	-	5	5	7	550.0	34	45	14	5	564.6	-	1	1	1
533.2	2	5	3	3	550.1	151	280	129	278	564.7	76	215	139	219
533.3	7	25	18	56	550.9	43	288	245	342	564.8	34	92	58	92
533.4	1323	2568	1246	566	551.0	8	12	4	-	564.9	7	30	23	30
533.5	541	994	453	1080	551.1	11	15	4	3	565.0	1	11	10	11
533.6	55	93	38	5	551.2	37	41	6	-	565.1	18	79	61	79
533.7	5	73	68	92	551.3	9	17	8	3	566	112	280	168	280
533.9	345	3781	3437	6054	551.8	8	8	1	1	567.1	2	6	4	6

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
567.2	443	2449	2006	2510	575.2	5	19	14	29	582.8	35	69	34	44
567.8	14	107	93	109	575.3	3	21	18	21	582.9	1003	3618	2627	4451
567.9	881	5687	4806	5963	575.4	65	165	100	165	583.0	5	7	2	8
568.0	116	377	262	962	575.5	8	20	12	26	583.1	28	49	24	54
568.8	87	397	310	397	575.6	-	5	5	5	583.2	13	16	4	17
568.9	11	38	27	38	575.8	20	99	79	99	583.4	12	19	7	19
569.0	6	26	20	26	575.9	275	789	514	810	583.6	6	13	7	13
569.1	15	80	65	80	576.0	...	1	1	1	583.7	5	28	23	-
569.2	4	25	21	25	576.1	446	1283	837	1283	583.8	76	161	86	142
569.3	88	590	502	594	576.2	211	1248	1037	1353	583.9	273	698	425	1026
569.4	47	235	188	235	576.3	5	8	3	9	584.5	232	1098	870	1131
569.5	34	325	291	325	576.4	5	31	26	31	584.6	1	1	-	1
569.6	...	13	13	13	576.5	-	2	2	2	584.7	2	12	10	5
569.8	1292	4656	3364	4693	576.8	186	1408	1223	1512	584.8	2	4	2	4
569.9	397	1094	703	1515	576.9	32	72	40	92	584.9	2891	21997	19106	22203
570	377	1708	1331	1714	577.0	2191	5431	3240	5473	585	5045	22499	17457	27791
571.0	596	959	363	19	577.1	197	886	689	886	586	10723	70307	59586	80258
571.1	873	884	230	1078	577.2	84	294	210	294	587	64	158	95	200
571.2	8042	10226	2184	5086	577.8	65	384	319	384	588.0	11	49	38	49
571.3	2474	3064	855	3357	577.9	74	186	112	205	588.1	4	12	8	12
571.4	775	1470	695	1471	578.0	29	230	201	260	588.8	35	131	96	131
571.5	11840	20739	8901	26086	578.1	5	80	75	83	588.9	-	3	3	3
571.6	375	572	197	575	578.9	5748	31470	25744	37618	589.0	-	1	1	1
571.8	556	1768	1212	2708	579.0	16	51	35	51	589.1	-	1	1	1
571.9	284	610	326	688	579.1	14	42	28	42	589.9	1	3	2	3
572.0	133	390	257	390	579.2	...	378	378	378	590.0	263	626	363	653
572.1	3	10	7	10	579.3	...	32	32	32	590.1	228	479	251	493
572.2	392	6317	5925	6473	579.4	-	1	1	1	590.2	94	233	139	248
572.3	105	1227	1122	1227	579.8	8	43	35	43	590.3	-	2	2	2
572.4	514	5712	5198	5712	579.9	84	344	264	355	590.8	670	1590	925	1701
572.8	2449	25846	23398	25846	580.0	1	2	1	2	590.9	41	124	83	138
573.0	19	237	218	237	580.4	-	2	2	2	591	84	720	636	720
573.3	596	1626	1038	1679	580.8	8	22	14	15	592.0	246	700	454	701
573.4	37	88	51	88	580.9	81	555	474	562	592.1	23	71	48	71
573.8	174	1497	1324	1497	581.0	1	2	1	1	592.9	25	100	75	103
573.9	767	1890	1128	2918	581.1	2	7	5	2	593.0	1	2	1	2
574.0	157	245	88	12	581.2	-	1	1	-	593.1	-	4	4	4
574.1	264	557	293	27	581.3	9	18	9	5	593.2	3	16	13	16
574.2	657	2381	1724	3135	581.8	-	6	6	2	593.3	12	30	18	30
574.3	21	41	20	7	581.9	194	647	457	816	593.4	67	794	727	794
574.4	32	77	45	4	582.0	-	1	1	1	593.5	-	17	17	17
574.5	225	466	241	574	582.1	1	1	-	1	593.6	1	2	1	2
575.0	667	1297	630	1559	582.2	-	1	1	1	593.7	3	8	5	8
575.1	623	1582	959	2182	582.4	-	1	1	1	593.8	168	901	733	904

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
593.9	3043	16988	13967	23703	601.8	-	-	-	-	611.9	22	209	187	217
594.0	-	1	1	1	601.9	29	98	69	98	614.0	-	-	-	-
594.1	9	49	40	49	602.0	-	4	4	4	614.1	-	3	3	3
594.2	1	7	6	7	602.1	3	51	48	51	614.2	14	18	4	19
594.8	1	2	1	2	602.2	-	-	-	-	614.3	-	-	-	-
594.9	4	12	8	12	602.8	4	9	5	9	614.4	67	216	149	216
595.0	10	45	35	45	602.9	96	276	180	283	614.5	1	6	5	6
595.1	-	4	4	4	603.0	-	-	-	-	614.6	1	7	6	7
595.2	19	143	124	143	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	2	2	2	603.8	-	-	-	-	614.8	-	-	-	-
595.8	10	74	64	74	603.9	1	15	14	15	614.9	9	20	11	23
595.9	98	556	458	558	604.0	3	4	1	4	615.0	-	-	-	-
596.0	37	190	153	190	604.9	12	42	30	42	615.1	-	-	-	-
596.1	65	322	257	322	605	-	5	5	5	615.9	16	32	16	32
596.2	5	69	64	69	606	-	-	-	-	616.0	-	2	2	2
596.3	2	10	8	10	607.0	-	-	-	-	616.1	8	24	16	24
596.4	31	86	56	86	607.1	1	5	4	5	616.2	1	2	1	2
596.5	11	45	34	45	607.2	17	36	19	36	616.3	1	4	3	4
596.6	11	50	39	50	607.3	-	4	4	4	616.4	1	8	7	8
596.7	-	3	3	3	607.8	1	10	9	10	616.5	-	-	-	-
596.8	12	156	144	156	607.9	-	3	3	3	616.8	1	1	-	1
596.9	12	35	23	37	608.0	-	1	1	1	616.9	-	-	-	-
597.0	4	13	9	13	608.1	-	-	-	-	617.0	-	3	3	3
597.8	2	10	8	10	608.2	-	1	1	1	617.1	-	-	-	-
598.0	1	1	-	1	608.3	-	-	-	-	617.2	-	-	-	-
598.1	-	-	-	-	608.4	40	100	60	100	617.3	-	-	-	-
598.2	-	-	-	-	608.8	21	49	28	49	617.4	-	-	-	-
598.8	-	-	-	-	608.9	1	8	7	15	617.5	-	-	-	-
598.9	35	125	90	125	610.0	-	-	-	-	617.6	-	-	-	-
599.0	11180	32541	21361	32807	610.1	-	7	7	7	617.8	-	-	-	-
599.1	5	38	33	38	610.2	-	-	-	-	617.9	1	11	10	11
599.2	-	1	1	1	610.3	-	-	-	-	618.0	7	33	26	35
599.3	-	1	1	1	610.4	-	-	-	-	618.1	9	45	36	47
599.4	-	-	-	-	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	1	1	1	610.9	-	1	1	1	618.3	1	3	2	3
599.6	263	1422	1159	1422	611.0	8	19	11	19	618.4	1	4	3	2
599.7	38	528	490	528	611.1	1	2	1	2	618.5	-	-	-	-
599.8	12	50	38	50	611.2	-	-	-	-	618.6	-	-	-	-
599.9	28	72	44	80	611.3	-	2	2	2	618.7	-	-	-	-
600	455	1948	1493	1948	611.4	-	-	-	-	618.8	1	1	-	1
601.0	6	13	7	13	611.5	-	-	-	-	618.9	-	-	-	-
601.1	4	31	27	31	611.6	-	-	-	-	619.0	10	55	45	55
601.2	6	13	7	13	611.7	-	11	11	11	619.1	44	259	215	259
601.3	1	1	-	1	611.8	1	1	-	1	619.2	-	2	2	2

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD		
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			UC	RECORD TOTAL MENTION	AXIS SECOND- ARY			ENTITY AXIS	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
619.8	1	4	3	4	624.2	-	-	-	-	631	-	-	-	-
619.9	3	33	30	33	624.3	-	-	-	-	632	-	-	-	-
620.0	-	-	-	-	624.4	-	-	-	-	633.0	1	1	-	1
620.1	-	8	8	8	624.5	-	-	-	-	633.1	14	14	-	14
620.2	17	57	40	57	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	-	-	-	624.8	-	6	6	6	633.8	-	1	1	1
620.4	-	-	-	-	624.9	-	-	-	-	633.9	26	27	1	29
620.5	-	1	1	1	625.0	-	-	-	-	634.0	5	6	1	-
620.6	-	-	-	-	625.1	-	-	-	-	634.1	-	1	1	-
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	-
620.8	3	18	15	18	625.3	-	1	1	1	634.3	-	-	-	-
620.9	7	39	32	44	625.4	-	-	-	-	634.4	-	-	-	-
621.0	1	8	7	8	625.5	-	1	1	1	634.5	-	-	-	-
621.1	-	-	-	-	625.6	-	2	2	2	634.6	-	-	-	-
621.2	1	3	2	3	625.8	-	-	-	-	634.7	1	1	-	-
621.3	-	4	4	4	625.9	1	3	2	3	634.8	-	-	-	-
621.4	-	1	1	1	626.0	-	1	1	1	634.9	-	4	4	10
621.5	-	-	-	-	626.1	-	-	-	-	635.0	-	1	1	-
621.6	-	-	-	-	626.2	1	5	4	5	635.1	-	-	-	-
621.7	-	-	-	-	626.3	-	-	-	-	635.2	1	1	-	-
621.8	4	14	10	14	626.4	-	-	-	-	635.3	-	-	-	-
621.9	2	79	77	79	626.5	-	-	-	-	635.4	-	-	-	-
622.0	-	-	-	-	626.6	-	2	2	2	635.5	-	-	-	-
622.1	-	3	3	3	626.7	-	-	-	-	635.6	-	-	-	-
622.2	-	-	-	-	626.8	-	-	-	-	635.7	-	-	-	-
622.3	-	-	-	-	626.9	6	35	29	35	635.8	-	-	-	-
622.4	-	7	7	7	627.0	-	1	1	1	635.9	-	-	-	1
622.5	-	-	-	-	627.1	1	8	7	8	636.0	-	-	-	-
622.6	-	-	-	-	627.2	-	8	8	8	636.1	-	-	-	-
622.7	-	1	1	1	627.3	-	-	-	-	636.2	-	-	-	-
622.8	1	22	21	22	627.4	-	-	-	-	636.3	-	-	-	-
622.9	-	-	-	-	627.8	-	1	1	1	636.4	-	-	-	-
623.0	-	1	1	1	627.9	-	-	-	-	636.5	-	-	-	-
623.1	-	-	-	-	628.0	-	-	-	-	636.6	-	-	-	-
623.2	-	1	1	1	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	1	1	1	636.8	-	-	-	-
623.4	-	1	1	1	628.4	-	-	-	-	636.9	1	1	-	1
623.5	-	3	3	3	628.8	-	-	-	-	637.0	-	1	1	-
623.6	-	-	-	-	628.9	-	1	1	1	637.1	1	2	1	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	2	1	-	-
623.8	13	116	103	116	629.1	-	-	-	-	637.3	-	-	-	-
623.9	1	2	1	2	629.8	1	11	10	11	637.4	-	-	-	-
624.0	-	-	-	-	629.9	4	26	22	26	637.5	-	-	-	-
624.1	-	-	-	-	630	2	2	-	2	637.6	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
637.7	2	2	-	-	646.8	1	1	-	1	673	35	70	35	71
637.8	-	-	-	-	646.9	1	2	1	4	674	41	70	29	73
637.9	1	1	-	5	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	-	-	-	-
638.2	-	-	-	-	647.3	-	-	-	-	680.1	-	1	1	1
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	-	-	-
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	-	-	-
638.5	-	-	-	-	647.6	-	-	-	-	680.4	-	-	-	-
638.6	-	-	-	-	647.8	6	6	-	6	680.5	-	-	-	-
638.7	-	-	-	-	647.9	-	-	-	-	680.6	-	-	-	-
638.8	-	-	-	-	648.0	-	2	2	2	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	-	-	-	-
639.0	...	-	-	10	648.2	-	-	-	-	680.9	1	2	1	2
639.1	...	1	1	15	648.3	-	-	-	-	681.0	2	7	5	7
639.2	...	1	1	3	648.4	-	-	-	-	681.1	2	15	13	15
639.3	...	1	1	1	648.5	-	-	-	-	681.9	-	1	1	1
639.4	...	-	-	1	648.6	13	14	1	14	682.0	13	68	55	68
639.5	...	-	-	9	648.7	-	-	-	-	682.1	13	57	44	57
639.6	...	-	-	1	648.8	-	-	-	-	682.2	57	290	233	290
639.8	...	1	1	12	648.9	2	4	2	4	682.3	47	180	133	180
639.9	...	-	-	1	650	-	1	1	1	682.4	6	33	27	33
640	-	-	-	-	651	-	1	1	1	682.5	11	54	43	54
641	26	50	25	51	652	-	-	-	-	682.6	195	922	727	922
642.0	1	1	-	3	653	-	-	-	-	682.7	42	244	202	244
642.1	-	-	-	-	654	-	-	-	-	682.8	16	60	44	60
642.2	1	1	-	1	655	-	-	-	-	682.9	226	1348	1122	1365
642.3	-	-	-	-	656	2	10	8	10	683	2	11	9	11
642.4	21	36	15	41	657	-	-	-	-	684	2	14	12	14
642.5	10	11	1	15	658	4	7	3	7	685.0	-	-	-	-
642.6	25	32	7	32	659	-	2	2	2	685.1	-	6	6	6
642.7	2	3	1	1	660	-	-	-	-	686.0	4	34	30	34
642.9	5	9	4	17	661	-	1	1	1	686.1	11	56	45	56
643	1	4	3	4	662	-	-	-	-	686.8	2	5	3	5
644	-	-	-	-	663	-	-	-	-	686.9	119	702	584	723
645	-	1	1	1	664	1	1	-	1	690	-	3	3	3
646.0	-	-	-	-	665	8	11	3	12	691.0	1	4	3	4
646.1	-	1	1	2	666	18	30	12	30	691.8	1	8	7	8
646.2	-	-	-	-	667	2	3	1	4	692.0	-	-	-	-
646.3	-	-	-	-	668	1	2	1	2	692.1	-	-	-	-
646.4	-	-	-	-	669	26	119	93	119	692.2	-	-	-	-
646.5	-	-	-	-	670	7	22	15	22	692.3	-	-	-	-
646.6	6	8	2	8	671	16	20	4	20	692.4	-	-	-	-
646.7	4	9	5	9	672	-	-	-	-	692.5	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

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692.6	-	1	1	1	701.1	-	5	5	5	709.8	1	14	13	14	
692.7	-	1	1	1	701.2	-	-	-	-	709.9	10	41	31	41	
692.8	-	6	6	6	701.3	-	1	1	1	710.0	1177	2155	978	2155	
692.9	10	151	141	164	701.4	-	1	1	1	710.1	932	1451	519	1451	
693.0	2	13	11	13	701.5	-	-	-	-	710.2	50	171	121	171	
693.1	3	7	4	7	701.8	1	1	-	1	710.3	77	196	119	196	
693.8	-	-	-	-	701.9	-	2	2	2	710.4	209	452	243	452	
693.9	-	-	-	-	702	-	1	1	1	710.8	9	21	12	21	
694.0	-	11	11	11	703.0	-	1	1	1	710.9	133	262	129	293	
694.1	-	-	-	-	703.8	-	-	-	-	711.0	126	319	193	319	
694.2	-	-	-	-	703.9	-	2	2	2	711.9	9	21	12	25	
694.3	-	-	-	-	704.0	-	1	1	1	712.8	-	-	-	-	
694.4	52	209	157	209	704.1	-	-	-	-	712.9	-	-	-	-	
694.5	57	323	266	323	704.2	-	-	-	-	714.0	1679	8925	7246	8925	
694.6	3	7	4	7	704.3	-	-	-	-	714.1	36	145	109	145	
694.8	-	1	1	1	704.8	-	2	2	2	714.2	4	11	7	11	
694.9	-	2	2	2	704.9	-	-	-	-	714.3	4	20	16	20	
695.0	-	-	-	-	705.0	-	2	2	2	714.4	-	-	-	-	
695.1	104	238	134	238	705.1	-	-	-	-	714.8	91	275	184	275	
695.2	-	1	1	1	705.8	2	7	5	7	714.9	8	41	33	41	
695.3	-	2	2	2	705.9	-	-	-	-	715.0	12	217	205	217	
695.4	73	335	263	335	706.0	-	-	-	-	715.1	1	3	2	3	
695.8	26	64	38	64	706.1	-	-	-	-	715.2	-	-	-	-	
695.9	11	131	120	132	706.2	1	3	2	3	715.3	57	231	174	231	
696.0	4	73	69	73	706.3	-	1	1	1	715.8	1	19	18	19	
696.1	12	245	233	245	706.8	-	-	-	-	715.9	491	11101	10610	11096	
696.2	-	1	1	1	706.9	-	-	-	-	716.0	-	-	-	-	
696.3	-	-	-	-	707.0	2215	11513	9298	13161	716.1	2	10	8	10	
696.4	-	1	1	1	707.1	107	614	508	931	716.2	-	-	-	-	
696.5	-	-	-	-	707.8	31	177	146	209	716.3	1	3	2	3	
696.8	-	-	-	-	707.9	54	457	403	553	716.4	-	-	-	-	
697.0	1	9	8	9	708.0	-	-	-	-	716.5	9	41	32	41	
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	-	-	-	
697.8	-	-	-	-	708.2	-	-	-	-	716.8	-	3	3	3	
697.9	-	1	1	1	708.3	-	-	-	-	716.9	206	3417	3211	3657	
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	-	-	-	
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-	
698.2	-	-	-	-	708.8	-	2	2	2	717.2	-	-	-	-	
698.3	-	15	15	15	708.9	-	7	7	7	717.3	-	-	-	-	
698.4	-	-	-	-	709.0	1	13	12	13	717.4	-	-	-	-	
698.8	-	-	-	-	709.1	1	1	-	1	717.5	-	-	-	-	
698.9	-	4	4	4	709.2	1	32	31	33	717.6	-	-	-	-	
700	-	2	2	2	709.3	-	1	1	2	717.7	-	1	1	1	
701.0	1	1	-	1	709.4	-	-	-	-	717.8	-	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
717.9	-	1	1	1	722.9	6	44	38	44	728.3	17	59	42	59
718.0	-	-	-	-	723.0	6	63	57	63	728.4	-	-	-	-
718.1	-	-	-	-	723.1	1	6	5	6	728.5	-	-	-	-
718.2	-	7	7	7	723.2	-	-	-	-	728.6	-	1	1	1
718.3	-	11	11	11	723.3	-	-	-	-	728.7	2	3	1	3
718.4	12	165	153	165	723.4	1	12	11	12	728.8	184	585	401	585
718.5	1	24	23	24	723.5	1	7	6	7	728.9	31	161	130	165
718.6	-	-	-	-	723.6	-	1	1	1	729.0	-	13	13	13
718.8	1	10	9	10	723.7	-	-	-	-	729.1	33	141	108	141
718.9	3	17	14	17	723.8	2	5	3	5	729.2	2	71	69	84
719.0	-	2	2	2	723.9	-	-	-	-	729.3	13	47	34	47
719.1	-	3	3	3	724.0	18	510	492	510	729.4	168	432	264	432
719.2	-	-	-	-	724.1	-	1	1	1	729.5	4	25	21	25
719.3	-	-	-	-	724.2	1	38	37	38	729.6	-	-	-	-
719.4	1	24	23	24	724.3	-	19	19	19	729.8	11	30	19	30
719.5	-	1	1	1	724.4	1	11	10	11	729.9	1	4	3	4
719.6	-	-	-	-	724.5	8	118	110	118	730.0	12	34	22	34
719.7	-	1	1	1	724.6	-	13	13	13	730.1	45	161	116	161
719.8	-	3	3	3	724.7	-	-	-	-	730.2	465	1391	926	1397
719.9	18	783	765	808	724.8	-	7	7	7	730.3	1	1	-	1
720.0	39	255	216	255	724.9	3	37	34	38	730.9	3	15	12	16
720.1	-	-	-	-	725	41	631	590	631	731.0	63	675	612	699
720.2	-	1	1	1	726.0	-	5	5	5	731.2	-	3	3	3
720.8	-	-	-	-	726.1	-	2	2	2	732.0	-	2	2	2
720.9	3	14	11	14	726.2	-	1	1	1	732.1	7	17	10	17
721.0	17	74	57	86	726.3	6	13	7	13	732.2	-	1	1	1
721.1	44	128	84	120	726.4	-	-	-	-	732.3	-	1	1	1
721.2	-	2	2	2	726.5	-	2	2	2	732.4	-	-	-	-
721.3	6	31	25	31	726.6	-	-	-	-	732.5	1	1	-	1
721.4	1	9	8	9	726.7	-	2	2	2	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	-	-	-	726.9	1	14	13	14	732.8	-	1	1	1
721.7	-	1	1	1	727.0	1	2	1	2	732.9	1	4	3	4
721.8	-	-	-	-	727.1	-	1	1	1	733.0	523	5994	5471	5994
721.9	13	271	258	272	727.2	-	-	-	-	733.1	89	2591	2502	2591
722.0	2	6	4	7	727.3	1	9	8	9	733.2	-	3	3	3
722.1	2	28	26	28	727.4	2	8	6	8	733.3	1	2	1	2
722.2	8	40	32	41	727.5	-	3	3	3	733.4	4	45	41	45
722.3	-	-	-	-	727.6	-	-	-	-	733.5	-	-	-	-
722.4	2	7	5	7	727.8	-	3	3	3	733.6	-	-	-	-
722.5	7	41	34	41	727.9	-	5	5	5	733.7	-	-	-	-
722.6	4	85	81	86	728.0	2	7	5	7	733.8	5	55	50	55
722.7	3	5	2	2	728.1	3	5	2	5	733.9	70	322	254	374
722.8	-	-	-	-	728.2	15	57	42	62	734	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
735.0	-	-	-	-	740.0	473	497	24	497	746.4	43	94	51	94
735.1	-	-	-	-	740.1	1	2	1	2	746.5	10	18	8	18
735.2	-	-	-	-	740.2	1	4	3	4	746.6	3	9	6	9
735.3	-	-	-	-	741.0	100	141	41	66	746.7	646	715	69	715
735.4	-	-	-	-	741.9	78	184	107	277	746.8	469	723	254	729
735.5	-	-	-	-	742.0	85	124	39	124	746.9	1651	2176	525	2998
735.8	-	-	-	-	742.1	102	205	103	205	747.0	83	369	286	369
735.9	-	1	1	1	742.2	150	209	59	209	747.1	126	229	103	229
736.0	-	5	5	5	742.3	294	491	198	566	747.2	36	69	35	79
736.1	-	1	1	1	742.4	90	137	47	137	747.3	170	289	119	320
736.2	-	2	2	2	742.5	236	459	231	483	747.4	97	146	49	146
736.3	-	3	3	3	742.8	24	48	24	48	747.5	2	6	4	6
736.4	-	1	1	1	742.9	169	232	63	280	747.6	189	306	117	320
736.5	-	-	-	-	743.0	-	4	4	4	747.8	376	454	78	478
736.6	-	4	4	4	743.1	3	13	10	13	747.9	114	147	33	170
736.7	-	11	11	11	743.2	-	1	1	1	748.0	2	13	11	13
736.8	4	224	220	224	743.3	-	4	4	4	748.1	3	12	9	14
736.9	-	4	4	4	743.4	-	4	4	4	748.2	-	2	2	2
737.0	1	3	2	3	743.5	-	3	3	3	748.3	63	105	42	105
737.1	53	380	327	381	743.6	-	-	-	-	748.4	7	14	7	14
737.2	-	1	1	1	743.8	-	4	4	4	748.5	1046	1768	722	1768
737.3	219	759	540	982	743.9	-	3	3	3	748.6	88	128	41	133
737.8	-	1	1	1	744.0	-	1	1	1	748.8	1	4	3	4
737.9	3	6	3	6	744.1	-	-	-	-	748.9	12	18	6	19
738.0	-	1	1	1	744.2	-	4	4	4	749.0	9	47	38	74
738.1	-	2	2	2	744.3	1	3	2	3	749.1	3	10	7	37
738.2	-	2	2	2	744.4	-	4	4	4	749.2	4	33	29	6
738.3	8	57	49	57	744.5	-	2	2	2	750.0	-	-	-	-
738.4	-	1	1	1	744.8	-	3	3	3	750.1	2	7	5	7
738.5	2	21	19	21	744.9	1	15	14	16	750.2	1	2	1	2
738.6	-	1	1	1	745.0	92	121	29	121	750.3	28	99	71	99
738.7	-	-	-	-	745.1	259	343	84	343	750.4	21	51	30	51
738.8	1	22	21	22	745.2	282	385	103	385	750.5	-	5	5	5
738.9	1	12	11	12	745.3	66	99	33	99	750.6	4	5	1	5
739.0	-	-	-	-	745.4	421	907	486	915	750.7	1	4	3	4
739.1	-	-	-	-	745.5	266	535	269	535	750.8	-	-	-	-
739.2	-	-	-	-	745.6	176	292	116	292	750.9	9	15	6	15
739.3	-	-	-	-	745.7	3	3	-	3	751.0	12	28	16	28
739.4	-	-	-	-	745.8	1	3	2	3	751.1	22	47	25	47
739.5	-	-	-	-	745.9	14	19	5	21	751.2	6	59	53	59
739.6	-	-	-	-	746.0	34	60	26	71	751.3	28	40	12	40
739.7	-	-	-	-	746.1	68	104	36	104	751.4	20	30	10	30
739.8	-	-	-	-	746.2	56	83	27	83	751.5	41	75	36	83
739.9	-	1	1	1	746.3	81	115	34	115	751.6	84	167	84	168

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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751.7	2	9	7	9	756.3	11	35	24	35	760.8	53	80	27	80
751.8	7	11	4	11	756.4	18	55	37	55	760.9	1	3	2	3
751.9	7	14	7	14	756.5	78	151	73	151	761.0	218	242	24	242
752.0	-	3	3	3	756.6	350	452	102	452	761.1	514	748	234	748
752.1	-	-	-	-	756.7	62	100	38	100	761.2	32	249	217	249
752.2	1	1	-	1	756.8	27	52	26	53	761.3	28	45	17	45
752.3	-	3	3	3	756.9	9	30	21	34	761.4	4	6	2	6
752.4	-	5	5	5	757.0	1	6	5	6	761.5	797	1882	1085	1882
752.5	-	9	9	9	757.1	4	18	14	19	761.6	2	4	2	4
752.6	3	11	8	11	757.2	-	-	-	-	761.7	6	8	2	8
752.7	-	7	7	8	757.3	19	80	61	80	761.8	54	66	12	66
752.8	-	7	7	7	757.4	-	-	-	-	761.9	-	-	-	-
752.9	2	15	13	16	757.5	-	-	-	-	762.0	42	56	14	56
753.0	414	571	157	571	757.6	-	1	1	1	762.1	459	581	122	602
753.1	359	942	583	943	757.8	-	1	1	1	762.2	33	46	13	46
753.2	7	37	30	37	757.9	-	3	3	3	762.3	33	69	36	69
753.3	21	74	53	74	758.0	403	1270	867	1270	762.4	36	61	25	61
753.4	1	1	-	1	758.1	281	317	36	317	762.5	15	30	15	31
753.5	2	8	6	8	758.2	472	548	76	548	762.6	11	18	7	18
753.6	9	28	19	28	758.3	11	15	4	15	762.7	352	528	176	528
753.7	1	1	-	1	758.4	1	2	1	2	762.8	-	3	3	3
753.8	-	12	12	12	758.5	60	82	22	82	762.9	1	1	-	2
753.9	26	111	85	138	758.6	9	50	41	50	763.0	27	43	16	43
754.0	-	1	1	1	758.7	1	15	14	15	763.1	3	9	6	9
754.1	-	-	-	-	758.8	6	12	6	12	763.2	1	2	1	2
754.2	3	17	14	17	758.9	127	175	48	196	763.3	-	-	-	-
754.3	1	8	7	8	759.0	21	86	65	87	763.4	-	11	11	11
754.4	-	-	-	-	759.1	3	11	8	11	763.5	-	-	-	-
754.5	-	1	1	1	759.2	4	15	11	15	763.6	13	30	17	30
754.6	-	-	-	-	759.3	15	36	21	36	763.7	2	7	5	7
754.7	1	12	11	12	759.4	36	43	7	43	763.8	27	55	28	55
754.8	4	25	21	25	759.5	25	44	19	44	763.9	2	3	1	4
755.0	1	10	9	10	759.6	8	28	20	28	764.0	7	32	25	32
755.1	1	4	3	4	759.7	461	567	108	1186	764.1	-	-	-	-
755.2	-	8	8	8	759.8	361	554	193	556	764.2	1	4	3	4
755.3	-	4	4	4	759.9	80	151	71	275	764.9	22	104	82	104
755.4	-	5	5	5	760.0	44	69	25	69	765.0	2961	10366	7405	10406
755.5	-	15	15	15	760.1	6	14	8	14	765.1	1060	6520	5460	8172
755.6	1	21	20	21	760.2	14	35	21	35	766.0	-	1	1	1
755.8	10	49	39	49	760.3	6	7	1	8	766.1	-	6	6	6
755.9	-	9	9	10	760.4	1	1	-	1	766.2	1	8	7	8
756.0	38	86	48	97	760.5	34	51	17	51	767.0	200	552	352	552
756.1	40	121	81	121	760.6	1	2	1	2	767.1	-	2	2	2
756.2	-	-	-	-	760.7	73	160	87	160	767.2	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
767.3	1	5	4	5	773.2	14	66	52	122	778.5	1	13	12	13
767.4	1	3	2	3	773.3	4	4	-	-	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	-	-	-	773.5	-	-	-	-	778.8	1	1	-	1
767.7	-	1	1	1	774.1	-	-	-	-	778.9	1	1	-	1
767.8	9	26	17	26	774.2	-	12	12	1	779.0	13	121	108	123
767.9	3	12	9	21	774.3	-	-	-	-	779.1	-	1	1	1
768.2	-	-	-	-	774.4	10	17	7	17	779.2	3	13	10	13
768.3	4	4	-	4	774.5	-	-	-	-	779.3	1	6	5	6
768.4	235	532	298	587	774.6	2	15	13	26	779.4	2	2	-	2
768.5	79	166	87	182	774.7	1	1	-	1	779.5	1	5	4	5
768.6	-	-	-	-	775.0	10	44	34	44	779.6	41	48	7	48
768.9	481	1165	684	1488	775.1	3	3	-	3	779.8	1720	5955	4235	5955
769	2858	3380	522	3380	775.2	-	-	-	-	779.9	14	14	-	64
770.0	37	88	51	88	775.3	-	-	-	-	780.0	20	4800	4780	5532
770.1	141	293	152	293	775.4	-	3	3	3	780.1	-	16	16	16
770.2	266	1179	913	1179	775.5	2	20	18	20	780.2	15	1374	1359	1374
770.3	120	431	311	431	775.6	1	7	6	7	780.3	684	18408	17724	18410
770.4	459	613	154	613	775.7	3	15	12	15	780.4	-	83	83	83
770.5	39	74	35	74	775.8	-	-	-	-	780.5	1	22	21	22
770.6	-	-	-	-	775.9	-	-	-	-	780.6	35	1815	1780	1819
770.7	675	1070	395	1071	776.0	1	7	6	7	780.7	8	831	823	831
770.8	1311	4021	2710	4022	776.1	2	5	3	5	780.8	-	3	3	3
770.9	-	1	1	3	776.2	45	243	198	243	780.9	2	398	396	398
771.0	3	7	4	8	776.3	3	9	6	9	781.0	1	83	82	83
771.1	32	47	16	48	776.4	-	5	5	5	781.1	-	-	-	-
771.2	26	38	12	38	776.5	5	24	19	22	781.2	1	36	35	36
771.3	-	-	-	-	776.6	6	63	57	-	781.3	3	121	118	121
771.4	5	8	3	8	776.7	-	2	2	2	781.4	-	1	1	1
771.5	-	1	1	1	776.8	-	-	-	-	781.5	-	1	1	1
771.6	-	-	-	-	776.9	-	2	2	2	781.6	-	3	3	3
771.7	25	34	9	34	777.1	6	10	4	10	781.7	-	-	-	-
771.8	799	1829	1030	1831	777.2	-	-	-	-	781.9	18	341	323	341
772.0	20	37	17	38	777.3	-	-	-	-	782.0	-	13	13	13
772.1	241	765	524	765	777.4	-	-	-	-	782.1	-	14	14	14
772.2	7	33	26	33	777.5	428	532	104	532	782.2	-	10	10	10
772.3	3	5	3	5	777.6	36	112	76	112	782.3	2	1622	1620	1718
772.4	5	18	13	18	777.8	4	6	2	6	782.4	3	1076	1073	1076
772.5	2	5	3	5	777.9	-	-	-	-	782.5	1	33	32	33
772.6	2	6	4	6	778.0	156	319	163	323	782.6	-	3	3	3
772.8	7	37	30	37	778.1	-	2	2	2	782.7	2	25	23	25
772.9	21	71	50	74	778.2	-	-	-	-	782.8	-	-	-	-
773.0	15	22	7	22	778.3	5	25	20	25	782.9	-	-	-	-
773.1	-	1	1	1	778.4	-	5	5	5	783.0	12	1621	1610	1621

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD					
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		ENTITY AXIS	UC	RECORD TOTAL MENTION		AXIS SECOND- ARY	ENTITY AXIS	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
783.1	-	-	-	-	788.0	-	14	14	14	793.2	-	8	8	8
783.2	1	508	507	508	788.1	-	1	1	1	793.3	-	-	-	-
783.3	1	61	60	61	788.2	-	479	479	479	793.4	-	-	-	-
783.4	13	900	887	906	788.3	2	277	275	277	793.5	-	-	-	-
783.5	-	14	14	14	788.4	-	7	7	7	793.6	-	-	-	-
783.6	-	57	57	57	788.5	-	387	387	387	793.7	-	-	-	-
783.9	2	156	154	156	788.6	-	2	2	2	793.8	-	-	-	-
784.0	1	57	56	57	788.7	-	3	3	3	793.9	-	-	-	-
784.1	-	-	-	-	788.8	-	4	4	4	794.0	-	-	-	-
784.2	2	88	86	88	788.9	-	4	4	4	794.1	-	1	1	1
784.3	-	1451	1451	1451	789.0	39	1159	1120	1159	794.2	-	3	3	3
784.4	-	17	17	17	789.1	1	354	353	354	794.3	-	7	7	7
784.5	1	179	178	179	789.2	-	236	236	238	794.4	-	1	1	1
784.6	-	12	12	12	789.3	9	386	377	386	794.5	-	-	-	-
784.7	1	193	192	193	789.4	-	1	1	1	794.6	-	-	-	-
784.8	-	28	28	28	789.5	10	5862	5852	5862	794.7	-	-	-	-
784.9	-	14	14	14	789.9	16	276	260	276	794.8	-	31	31	31
785.0	3	586	583	586	790.0	-	1	1	1	794.9	-	-	-	-
785.1	1	7	6	7	790.1	-	2	2	2	795.0	1	2	1	2
785.2	1	54	53	54	790.2	-	27	27	27	795.1	4	10	6	10
785.3	-	5	5	5	790.3	15	1618	1603	1675	795.2	-	1	1	1
785.4	69	6323	6254	10264	790.4	-	3	3	3	795.3	-	5	5	5
785.5	873	63904	63031	63917	790.5	-	4	4	4	795.4	-	-	-	-
785.6	4	179	175	179	790.6	2	745	743	921	795.5	-	4	4	4
785.9	-	22	22	22	790.7	17	1214	1197	1261	795.6	-	-	-	-
786.0	90	10663	10573	10663	790.8	5	105	100	105	795.7	-	-	-	-
786.1	-	17	17	17	790.9	-	17	17	17	795.8	-	1230	1230	1230
786.2	-	52	52	52	791.0	-	24	24	24	796.0	-	2	2	2
786.3	55	3617	3562	3617	791.1	-	4	4	4	796.1	1	3	2	3
786.4	-	5	5	5	791.2	-	3	3	3	796.2	-	-	-	-
786.5	3	245	242	245	791.3	-	36	36	36	796.3	-	1	1	1
786.6	-	42	42	42	791.4	-	1	1	1	796.4	-	6	6	6
786.7	-	2	2	2	791.5	-	2	2	2	796.9	-	1	1	1
786.8	-	5	5	5	791.6	-	-	-	-	797	1308	16599	15292	17210
786.9	-	70	70	70	791.7	-	1	1	1	798.0	5417	5791	374	5791
787.0	3	928	925	934	791.9	4	3569	3565	3570	798.1	302	430	128	430
787.1	-	3	3	3	792.0	-	2	2	2	798.2	1	2	1	2
787.2	5	3650	3645	3650	792.1	-	3	3	3	798.9	33	45	12	45
787.3	1	125	124	125	792.2	-	-	-	-	799.0	48	11277	11229	11306
787.4	-	3	3	3	792.3	-	-	-	-	799.1	2297	204093	201796	204092
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	16	16	16
787.6	-	33	33	33	792.9	-	-	-	-	799.3	21	5576	5555	5756
787.7	-	-	-	-	793.0	-	1	1	1	799.4	45	9363	9318	9475
787.9	-	46	46	46	793.1	-	26	26	26	799.8	159	5808	5649	5808

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
799.9	12442	26629	14217	26629	E807.1	-	-	-	-	E813.9	14	14	-	14
E800.0	8	8	-	8	E807.2	1	1	-	1	E814.0	3	4	1	4
E800.1	2	2	-	2	E807.3	-	-	-	-	E814.1	1	1	-	1
E800.2	-	-	-	-	E807.8	1	1	-	1	E814.2	2	2	-	2
E800.3	-	-	-	-	E807.9	8	8	-	8	E814.3	1	1	-	1
E800.8	-	-	-	-	E810.0	319	319	-	319	E814.4	-	-	-	-
E800.9	-	-	-	-	E810.1	146	146	-	146	E814.5	2	2	-	2
E801.0	-	-	-	-	E810.2	7	7	-	7	E814.6	7	7	-	7
E801.1	-	-	-	-	E810.3	-	-	-	-	E814.7	6779	6853	74	6853
E801.2	1	1	-	1	E810.4	-	-	-	-	E814.8	-	-	-	-
E801.3	5	5	-	5	E810.5	-	-	-	-	E814.9	5	5	-	5
E801.8	-	-	-	-	E810.6	-	-	-	-	E815.0	3667	3748	81	3748
E801.9	1	1	-	1	E810.7	2	2	-	2	E815.1	1508	1516	8	1516
E802.0	-	-	-	-	E810.8	5	5	-	5	E815.2	516	518	2	518
E802.1	2	2	-	2	E810.9	144	145	1	145	E815.3	47	47	-	47
E802.2	-	-	-	-	E811.0	17	18	1	18	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	5	5	-	5	E815.5	-	-	-	-
E802.8	1	1	-	1	E811.2	-	-	-	-	E815.6	2	2	-	2
E802.9	2	2	-	2	E811.3	-	-	-	-	E815.7	1	1	-	1
E803.0	2	2	-	2	E811.4	-	-	-	-	E815.8	-	-	-	-
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	791	805	14	805
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	4266	4332	66	4332
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1828	1834	6	1834
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	388	390	2	390
E803.9	-	-	-	-	E811.9	-	-	-	-	E816.3	35	35	-	35
E804.0	1	1	-	1	E812.0	9070	9194	124	9194	E816.4	1	1	-	1
E804.1	1	1	-	1	E812.1	4493	4553	60	4553	E816.5	-	-	-	-
E804.2	1	1	-	1	E812.2	1255	1256	1	1256	E816.6	1	1	-	1
E804.3	-	-	-	-	E812.3	145	145	-	145	E816.7	3	3	-	3
E804.8	4	4	-	4	E812.4	-	-	-	-	E816.8	2	2	-	2
E804.9	18	18	-	18	E812.5	-	-	-	-	E816.9	1101	1122	21	1122
E805.0	9	9	-	9	E812.6	2	2	-	2	E817.0	1	1	-	1
E805.1	3	3	-	3	E812.7	7	7	-	7	E817.1	2	4	2	4
E805.2	540	541	1	541	E812.8	7	7	-	7	E817.2	-	-	-	-
E805.3	3	3	-	3	E812.9	2296	2337	41	2337	E817.3	-	-	-	-
E805.8	3	3	-	3	E813.0	5	5	-	5	E817.4	-	-	-	-
E805.9	41	42	1	42	E813.1	1	1	-	1	E817.5	-	-	-	-
E806.0	-	-	-	-	E813.2	5	5	-	5	E817.6	-	-	-	-
E806.1	1	1	-	1	E813.3	-	-	-	-	E817.7	-	1	1	1
E806.2	-	-	-	-	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	3	3	-	3	E817.9	10	15	5	15
E806.8	1	1	-	1	E813.6	800	809	9	809	E818.0	154	154	-	154
E806.9	2	2	-	2	E813.7	2	2	-	2	E818.1	351	352	1	352
E807.0	1	1	-	1	E813.8	8	8	-	8	E818.2	21	21	-	21

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E818.3	13	14	1	14	E822.7	367	372	6	372	E827.4	-	-	-	-
E818.4	-	-	-	-	E822.8	3	3	-	3	E827.8	-	-	-	-
E818.5	-	-	-	-	E822.9	14	14	-	14	E827.9	1	1	-	1
E818.6	1	1	-	1	E823.0	29	29	-	29	E828.0	-	-	-	-
E818.7	8	9	1	9	E823.1	5	5	-	5	E828.1	-	-	-	-
E818.8	8	8	-	8	E823.2	16	16	-	16	E828.2	104	106	2	106
E818.9	398	402	5	402	E823.3	1	1	-	1	E828.3	-	-	-	-
E819.0	1128	1147	19	1147	E823.4	-	-	-	-	E828.4	-	-	-	-
E819.1	760	778	18	778	E823.5	-	-	-	-	E828.8	-	-	-	-
E819.2	146	148	2	148	E823.6	-	-	-	-	E828.9	5	7	2	7
E819.3	19	19	-	19	E823.7	4	4	-	4	E829.0	2	2	-	2
E819.4	-	-	-	-	E823.8	2	2	-	2	E829.1	1	1	-	1
E819.5	-	-	-	-	E823.9	18	18	-	18	E829.2	-	-	-	-
E819.6	1	1	-	1	E824.0	4	4	-	4	E829.3	-	-	-	-
E819.7	2	2	-	2	E824.1	2	3	1	3	E829.4	-	-	-	-
E819.8	1	2	1	2	E824.2	-	-	-	-	E829.8	-	-	-	-
E819.9	3088	3381	293	3381	E824.3	-	-	-	-	E829.9	-	1	1	1
E820.0	17	17	-	17	E824.4	-	-	-	-	E830.0	55	55	-	55
E820.1	6	6	-	6	E824.5	-	-	-	-	E830.1	71	71	-	71
E820.2	-	-	-	-	E824.6	1	1	-	1	E830.2	26	26	-	26
E820.3	-	-	-	-	E824.7	1	2	1	2	E830.3	4	4	-	4
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	-
E820.5	-	-	-	-	E824.9	10	13	3	13	E830.5	-	-	-	-
E820.6	-	-	-	-	E825.0	43	46	3	46	E830.6	-	-	-	-
E820.7	1	1	-	1	E825.1	31	32	1	32	E830.8	3	3	-	3
E820.8	2	2	-	2	E825.2	14	14	-	14	E830.9	155	156	1	156
E820.9	38	38	-	38	E825.3	-	-	-	-	E831.0	4	4	-	4
E821.0	79	79	-	79	E825.4	1	1	-	1	E831.1	30	30	-	30
E821.1	16	16	-	16	E825.5	-	-	-	-	E831.2	2	2	-	2
E821.2	6	6	-	6	E825.6	-	-	-	-	E831.3	-	-	-	-
E821.3	-	-	-	-	E825.7	21	21	-	21	E831.4	2	2	-	2
E821.4	-	-	-	-	E825.8	5	5	-	5	E831.5	-	-	-	-
E821.5	-	-	-	-	E825.9	107	116	9	116	E831.6	-	-	-	-
E821.6	-	-	-	-	E826.0	6	7	1	7	E831.8	4	5	1	5
E821.7	7	7	-	7	E826.1	84	88	4	88	E831.9	34	34	-	34
E821.8	6	6	-	6	E826.2	-	-	-	-	E832.0	65	65	-	65
E821.9	74	79	5	79	E826.3	-	-	-	-	E832.1	44	44	-	44
E822.0	15	15	-	15	E826.4	-	-	-	-	E832.2	16	16	-	16
E822.1	5	5	-	5	E826.8	1	1	-	1	E832.3	5	5	-	5
E822.2	6	7	1	7	E826.9	11	11	-	11	E832.4	-	-	-	-
E822.3	-	-	-	-	E827.0	-	-	-	-	E832.5	1	1	-	1
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	-	-	-	-
E822.5	1	1	-	1	E827.2	1	1	-	1	E832.8	6	6	-	6
E822.6	9	9	-	9	E827.3	4	4	-	4	E832.9	255	256	1	256

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY
		TOTAL MENTION	SECOND- ARY	AXIS			TOTAL MENTION	SECOND- ARY	AXIS			TOTAL MENTION	SECOND- ARY	AXIS
E833.0	-	-	-	-	E837.9	3	3	-	3	E843.4	-	-	-	-
E833.1	-	1	1	1	E838.0	3	3	-	3	E843.5	-	-	-	-
E833.2	-	-	-	-	E838.1	16	16	-	16	E843.6	-	-	-	-
E833.3	-	-	-	-	E838.2	6	6	-	6	E843.7	1	1	-	1
E833.4	-	-	-	-	E838.3	4	5	1	5	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	10	10	-	10	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	2	3	1	3	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	1	1	-	1	E844.1	2	2	-	2
E833.9	1	1	-	1	E838.8	2	3	1	3	E844.2	-	-	-	-
E834.0	1	1	-	1	E838.9	67	68	1	68	E844.3	-	-	-	-
E834.1	-	-	-	-	E840.0	-	-	-	-	E844.4	-	-	-	-
E834.2	3	3	-	3	E840.1	3	3	-	3	E844.5	-	-	-	-
E834.3	1	1	-	1	E840.2	9	9	-	9	E844.6	-	-	-	-
E834.4	-	-	-	-	E840.3	15	16	1	16	E844.7	25	25	-	25
E834.5	-	-	-	-	E840.4	3	3	-	3	E844.8	1	1	-	1
E834.6	-	-	-	-	E840.5	57	58	1	58	E844.9	5	5	-	5
E834.8	-	-	-	-	E840.6	1	1	-	1	E845.0	-	-	-	-
E834.9	2	2	-	2	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	3	4	1	4	E840.9	1	1	-	1	E845.3	-	-	-	-
E835.2	1	1	-	1	E841.0	1	1	-	1	E845.4	-	-	-	-
E835.3	-	-	-	-	E841.1	32	32	-	32	E845.5	-	-	-	-
E835.4	-	-	-	-	E841.2	68	68	-	68	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	399	402	3	402	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	9	9	-	9	E845.8	-	-	-	-
E835.8	1	1	-	1	E841.5	264	264	-	264	E845.9	-	-	-	-
E835.9	4	4	-	4	E841.6	-	-	-	-	E846	10	10	-	10
E836.0	-	-	-	-	E841.7	-	-	-	-	E847	-	-	-	-
E836.1	1	1	-	1	E841.8	-	-	-	-	E848	35	47	12	47
E836.2	3	3	-	3	E841.9	23	23	-	23	E850.0	931	1013	82	1013
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	44	62	18	62
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	65	76	11	76
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	-	-	-	-
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	4	5	1	5
E836.8	1	1	-	1	E842.4	-	-	-	-	E850.5	88	98	10	98
E836.9	-	-	-	-	E842.5	1	1	-	1	E850.8	145	204	59	204
E837.0	-	-	-	-	E842.6	20	20	-	20	E850.9	1	3	2	3
E837.1	1	1	-	1	E842.7	-	-	-	-	E851	22	26	4	26
E837.2	3	3	-	3	E842.8	-	-	-	-	E852.0	2	3	1	3
E837.3	-	-	-	-	E842.9	1	1	-	1	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	-	-	-	-
E837.5	-	-	-	-	E843.1	-	-	-	-	E852.3	-	-	-	-
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	1	1	-	1
E837.8	1	1	-	1	E843.3	-	-	-	-	E852.5	16	19	3	19

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E852.8	5	5	-	5	E861.5	-	-	-	-	E868.1	16	16	-	16
E852.9	2	3	1	3	E861.6	1	1	-	1	E868.2	293	297	4	297
E853.0	15	20	5	20	E861.9	-	-	-	-	E868.3	85	88	3	88
E853.1	1	3	2	3	E862.0	1	2	1	2	E868.8	11	11	-	11
E853.2	38	47	9	47	E862.1	10	12	2	12	E868.9	123	139	16	139
E853.8	9	13	4	13	E862.2	-	1	1	1	E869.0	6	6	-	6
E853.9	4	4	-	4	E862.3	-	-	-	-	E869.1	-	-	-	-
E854.0	142	174	32	174	E862.4	66	72	6	72	E869.2	21	22	1	22
E854.1	3	8	5	8	E862.9	3	3	-	3	E869.3	2	2	-	2
E854.2	71	102	32	102	E863.0	-	-	-	-	E869.8	95	118	23	118
E854.3	1	1	-	1	E863.1	4	5	1	5	E869.9	9	10	1	10
E855.0	26	61	35	61	E863.2	-	1	1	1	E870.0	160	185	25	185
E855.1	37	47	10	47	E863.3	-	-	-	-	E870.1	2	3	1	3
E855.2	743	919	176	919	E863.4	-	1	1	1	E870.2	6	6	-	6
E855.3	-	-	-	-	E863.5	1	1	-	1	E870.3	-	-	-	-
E855.4	1	3	2	3	E863.6	-	-	-	-	E870.4	30	37	7	37
E855.5	2	2	-	2	E863.7	2	4	2	4	E870.5	31	41	10	41
E855.6	-	-	-	-	E863.8	1	1	-	1	E870.6	19	20	1	20
E855.8	12	15	3	15	E863.9	2	2	-	2	E870.7	7	8	1	8
E855.9	-	2	2	2	E864.0	2	4	2	4	E870.8	60	72	12	72
E856	51	84	33	84	E864.1	4	4	-	4	E870.9	11	15	4	15
E857	7	10	3	10	E864.2	2	4	2	4	E871.0	2	4	2	4
E858.0	20	28	8	28	E864.3	2	3	1	3	E871.1	-	-	-	-
E858.1	30	56	26	56	E864.4	2	2	-	2	E871.2	-	-	-	-
E858.2	35	49	14	49	E865.0	-	-	-	-	E871.3	-	-	-	-
E858.3	257	690	433	690	E865.1	1	1	-	1	E871.4	-	-	-	-
E858.4	3	5	2	5	E865.2	-	-	-	-	E871.5	-	-	-	-
E858.5	112	264	152	264	E865.3	-	-	-	-	E871.6	-	-	-	-
E858.6	14	31	17	31	E865.4	3	3	-	3	E871.7	1	1	-	1
E858.7	4	8	4	8	E865.5	1	1	-	1	E871.8	-	-	-	-
E858.8	796	881	86	881	E865.8	1	1	-	1	E871.9	1	1	-	1
E858.9	746	914	168	914	E865.9	6	6	-	6	E872.0	-	-	-	-
E860.0	11	21	10	21	E866.0	4	7	3	7	E872.1	-	-	-	-
E860.1	168	422	254	422	E866.1	-	-	-	-	E872.2	-	-	-	-
E860.2	23	25	2	25	E866.2	-	-	-	-	E872.3	-	-	-	-
E860.3	20	27	7	27	E866.3	1	1	-	1	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	22	37	15	37	E872.5	1	1	-	1
E860.8	3	3	-	3	E866.5	-	-	-	-	E872.6	-	-	-	-
E860.9	144	310	166	310	E866.6	1	1	-	1	E872.8	-	-	-	-
E861.0	2	2	-	2	E866.7	-	-	-	-	E872.9	-	-	-	-
E861.1	1	1	-	1	E866.8	13	20	7	20	E873.0	-	-	-	-
E861.2	3	3	-	3	E866.9	10	20	10	20	E873.1	-	-	-	-
E861.3	4	4	-	4	E867	33	33	-	33	E873.2	1	7	6	7
E861.4	4	5	1	5	E868.0	54	55	1	55	E873.3	1	1	-	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E873.4	-	-	-	-	E879.9	10	108	98	108	E900.0	147	165	18	165
E873.5	2	2	-	2	E880.0	3	3	-	3	E900.1	24	26	2	26
E873.6	-	-	-	-	E880.9	1145	1285	140	1285	E900.9	129	159	30	159
E873.8	2	3	1	3	E881.0	230	254	24	254	E901.0	320	384	64	384
E873.9	-	1	1	1	E881.1	86	90	4	90	E901.1	1	1	-	1
E874.0	2	2	-	2	E882	615	638	23	638	E901.8	13	13	-	13
E874.1	1	1	-	1	E883.0	25	27	2	27	E901.9	262	471	209	471
E874.2	1	1	-	1	E883.1	-	1	1	1	E902.0	-	-	-	-
E874.3	-	-	-	-	E883.2	2	2	-	2	E902.1	-	-	-	-
E874.4	2	2	-	2	E883.9	57	62	5	62	E902.2	6	6	-	6
E874.5	-	1	1	1	E884.0	7	7	-	7	E902.8	-	-	-	-
E874.8	-	1	1	1	E884.1	112	114	2	114	E902.9	17	28	11	28
E874.9	-	-	-	-	E884.2	487	759	272	759	E903	1	1	-	1
E875.0	3	203	200	203	E884.9	425	455	30	455	E904.0	12	17	5	17
E875.1	-	-	-	-	E885	491	740	249	740	E904.1	66	124	58	124
E875.2	-	1	1	1	E886.0	3	3	-	3	E904.2	-	-	-	-
E875.8	-	-	-	-	E886.9	5	6	1	6	E904.3	54	83	29	83
E875.9	1	1	-	1	E887	2837	11602	8767	11602	E904.9	-	4	4	4
E876.0	5	6	1	6	E888	5783	8660	2877	8660	E905.0	4	4	-	4
E876.1	1	1	-	1	E890.0	4	4	-	4	E905.1	7	9	2	9
E876.2	1	1	-	1	E890.1	1	1	-	1	E905.2	-	-	-	-
E876.3	4	4	-	4	E890.2	2700	2718	18	2718	E905.3	38	39	1	39
E876.4	-	-	-	-	E890.3	700	708	8	708	E905.4	1	1	-	1
E876.5	-	-	-	-	E890.8	46	49	3	49	E905.5	4	6	2	6
E876.8	55	68	13	68	E890.9	58	69	11	69	E905.6	1	1	-	1
E876.9	5	11	6	11	E891.0	-	-	-	-	E905.7	-	-	-	-
E878.0	32	909	877	909	E891.1	-	-	-	-	E905.8	-	-	-	-
E878.1	254	3147	2893	3147	E891.2	53	57	4	57	E905.9	-	-	-	-
E878.2	157	5046	4889	5046	E891.3	29	29	-	29	E906.0	24	26	2	26
E878.3	123	804	681	804	E891.8	-	-	-	-	E906.1	-	-	-	-
E878.4	113	1652	1539	1652	E891.9	13	13	-	13	E906.2	1	1	-	1
E878.5	240	950	710	950	E892	70	75	5	75	E906.3	3	7	4	7
E878.6	172	4262	4090	4262	E893.0	73	76	3	76	E906.4	5	9	4	9
E878.8	150	1957	1807	1957	E893.1	2	2	-	2	E906.8	67	69	2	69
E878.9	596	5189	4593	5189	E893.2	30	33	3	33	E906.9	6	7	1	7
E879.0	14	103	89	103	E893.8	37	40	3	40	E907	89	92	3	92
E879.1	15	169	154	169	E893.9	19	22	3	22	E908	138	142	4	142
E879.2	9	1608	1599	1608	E894	53	54	1	54	E909	13	13	-	13
E879.3	-	3	3	3	E895	32	32	-	32	E910.0	6	6	-	6
E879.4	3	12	9	12	E896	-	-	-	-	E910.1	53	55	2	55
E879.5	-	-	-	-	E897	19	22	3	22	E910.2	784	791	7	791
E879.6	117	420	303	420	E898.0	22	24	2	24	E910.3	57	57	-	57
E879.7	-	-	-	-	E898.1	76	87	11	87	E910.4	318	350	32	350
E879.8	246	1745	1499	1745	E899	138	234	96	234	E910.8	1991	2043	52	2043

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E910.9	770	797	27	797	E923.0	5	5	-	5	E930.8	-	22	22	22
E911	1374	3955	2581	3955	E923.1	6	7	1	7	E930.9	3	73	70	73
E912	1929	14548	12619	14548	E923.2	98	103	5	103	E931.0	-	7	7	7
E913.0	207	211	4	211	E923.8	31	31	-	31	E931.1	-	-	-	-
E913.1	42	44	2	44	E923.9	62	67	5	67	E931.2	-	1	1	1
E913.2	9	9	-	9	E924.0	97	119	22	119	E931.3	-	-	-	-
E913.3	89	90	1	90	E924.1	12	15	3	15	E931.4	2	8	6	8
E913.8	419	446	27	446	E924.8	20	25	5	25	E931.5	-	8	8	8
E913.9	126	139	13	139	E924.9	2	2	-	2	E931.6	-	-	-	-
E914	1	1	-	1	E925.0	100	102	2	102	E931.7	-	8	8	8
E915	29	53	24	53	E925.1	160	161	1	161	E931.8	1	11	10	11
E916	797	809	12	809	E925.2	54	54	-	54	E931.9	1	7	6	7
E917.0	30	32	2	32	E925.8	210	210	-	210	E932.0	3	467	464	467
E917.1	-	-	-	-	E925.9	146	152	6	152	E932.1	-	17	17	17
E917.2	1	1	-	1	E926.0	-	-	-	-	E932.2	-	4	4	4
E917.9	184	204	20	204	E926.1	-	-	-	-	E932.3	2	62	60	62
E918	99	103	4	103	E926.2	-	-	-	-	E932.4	-	2	2	2
E919.0	617	632	15	632	E926.3	-	-	-	-	E932.5	-	4	4	4
E919.1	44	44	-	44	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	200	203	3	203	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	13	13	-	13	E926.8	-	-	-	-	E932.8	1	4	3	4
E919.4	15	15	-	15	E926.9	-	-	-	-	E932.9	-	1	1	1
E919.5	-	-	-	-	E927	22	45	23	45	E933.0	1	4	3	4
E919.6	21	21	-	21	E928.0	-	-	-	-	E933.1	1	2071	2070	2071
E919.7	94	95	1	95	E928.1	-	1	1	1	E933.2	-	-	-	-
E919.8	128	131	3	131	E928.2	-	-	-	-	E933.3	-	-	-	-
E919.9	52	52	-	52	E928.8	24	34	10	34	E933.4	-	2	2	2
E920.0	8	10	2	10	E928.9	1842	3285	1444	3285	E933.5	-	-	-	-
E920.1	12	12	-	12	E929.0	299	424	125	424	E933.8	-	1	1	1
E920.2	1	1	-	1	E929.1	12	21	9	21	E933.9	-	-	-	-
E920.3	4	4	-	4	E929.2	34	60	26	60	E934.0	-	-	-	-
E920.4	3	3	-	3	E929.3	179	770	591	770	E934.1	-	1	1	1
E920.8	49	53	4	53	E929.4	5	18	13	18	E934.2	10	467	457	467
E920.9	31	33	2	33	E929.5	6	14	8	14	E934.3	-	-	-	-
E921.0	8	8	-	8	E929.8	80	141	61	141	E934.4	2	59	57	59
E921.1	9	9	-	9	E929.9	217	593	376	593	E934.5	6	30	24	30
E921.8	31	31	-	31	E930.0	9	67	58	67	E934.6	1	4	3	4
E921.9	4	4	-	4	E930.1	-	7	7	7	E934.7	-	2	2	2
E922.0	241	242	1	242	E930.2	-	1	1	1	E934.8	-	3	3	3
E922.1	160	160	-	160	E930.3	-	5	5	5	E934.9	1	1	-	1
E922.2	73	73	-	73	E930.4	-	1	1	1	E935.0	4	16	12	16
E922.3	2	2	-	2	E930.5	1	5	4	5	E935.1	2	22	20	22
E922.8	3	3	-	3	E930.6	-	5	5	5	E935.2	1	6	5	6
E922.9	937	967	30	967	E930.7	-	108	108	108	E935.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E935.4	3	22	19	22	E941.3	2	2	-	2	E946.6	-	-	-	-
E935.5	-	-	-	-	E941.9	-	-	-	-	E946.7	-	-	-	-
E935.8	1	9	8	9	E942.0	1	58	57	58	E946.8	-	-	-	-
E935.9	-	5	5	5	E942.1	3	27	24	27	E946.9	-	-	-	-
E936.0	-	-	-	-	E942.2	-	1	1	1	E947.0	-	2	2	2
E936.1	6	29	23	29	E942.3	-	-	-	-	E947.1	-	-	-	-
E936.2	-	-	-	-	E942.4	1	1	-	1	E947.2	-	-	-	-
E936.3	1	9	8	9	E942.5	-	-	-	-	E947.3	-	-	-	-
E936.4	-	-	-	-	E942.6	-	7	7	7	E947.4	-	-	-	-
E937.0	-	1	1	1	E942.7	-	4	4	4	E947.8	25	154	129	154
E937.1	-	1	1	1	E942.8	-	1	1	1	E947.9	46	316	270	316
E937.2	-	-	-	-	E942.9	-	-	-	-	E948.0	-	-	-	-
E937.3	-	-	-	-	E943.0	1	2	1	2	E948.1	-	-	-	-
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-
E937.5	-	-	-	-	E943.2	-	2	2	2	E948.3	-	-	-	-
E937.6	-	-	-	-	E943.3	-	1	1	1	E948.4	-	-	-	-
E937.8	-	-	-	-	E943.4	-	-	-	-	E948.5	-	-	-	-
E937.9	1	7	6	7	E943.5	-	-	-	-	E948.6	-	-	-	-
E938.0	-	-	-	-	E943.6	-	-	-	-	E948.8	-	-	-	-
E938.1	-	4	4	4	E943.8	-	-	-	-	E948.9	-	-	-	-
E938.2	1	2	1	2	E943.9	-	-	-	-	E949.0	-	-	-	-
E938.3	-	-	-	-	E944.0	-	-	-	-	E949.1	-	1	1	1
E938.4	-	7	7	7	E944.1	2	13	11	13	E949.2	-	-	-	-
E938.5	3	10	7	10	E944.2	-	-	-	-	E949.3	-	-	-	-
E938.6	-	1	1	1	E944.3	-	4	4	4	E949.4	-	-	-	-
E938.7	-	7	7	7	E944.4	-	8	8	8	E949.5	-	-	-	-
E938.9	5	48	43	48	E944.5	-	-	-	-	E949.6	-	-	-	-
E939.0	2	10	8	10	E944.6	-	1	1	1	E949.7	-	-	-	-
E939.1	1	12	11	12	E944.7	-	7	7	7	E949.9	2	4	2	4
E939.2	3	9	6	9	E945.0	-	1	1	1	E950.0	374	395	22	395
E939.3	-	4	4	4	E945.1	-	-	-	-	E950.1	137	141	4	141
E939.4	1	4	3	4	E945.2	-	3	3	3	E950.2	50	56	6	56
E939.5	-	-	-	-	E945.3	-	-	-	-	E950.3	939	978	39	978
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	765	798	33	798
E939.7	1	2	1	2	E945.5	-	2	2	2	E950.5	655	692	38	692
E939.8	-	1	1	1	E945.6	1	1	-	1	E950.6	30	30	-	30
E939.9	-	1	1	1	E945.7	-	-	-	-	E950.7	33	37	4	37
E940.0	-	-	-	-	E945.8	1	3	2	3	E950.8	12	12	-	12
E940.1	-	-	-	-	E946.0	-	78	78	78	E950.9	148	300	152	300
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	12	13	1	13
E940.9	-	-	-	-	E946.2	-	-	-	-	E951.1	14	15	1	15
E941.0	-	-	-	-	E946.3	-	-	-	-	E951.8	2	2	-	2
E941.1	-	-	-	-	E946.4	-	3	3	3	E952.0	1877	1888	11	1888
E941.2	-	3	3	3	E946.5	-	-	-	-	E952.1	348	350	2	350

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD				
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		
E952.8	21	24	3	24	E965.5	-	-	-	E983.1	6	6	-	6
E952.9	7	7	-	7	E965.6	2	2	-	E983.8	10	12	2	12
E953.0	3998	4017	19	4017	E965.7	1	1	-	E983.9	11	13	2	13
E953.1	334	343	9	343	E965.8	5	5	-	E984	244	247	3	247
E953.8	60	62	2	62	E965.9	8	8	-	E985.0	53	54	1	54
E953.9	52	53	1	53	E966	4101	4296	195	E985.1	34	35	1	35
E954	408	419	11	419	E967.0	19	21	2	E985.2	11	11	-	11
E955.0	3464	3480	16	3480	E967.1	5	5	-	E985.3	-	-	-	-
E955.1	2340	2356	16	2356	E967.9	252	259	7	E985.4	249	256	7	256
E955.2	1092	1095	3	1095	E968.0	310	336	26	E985.5	2	2	-	2
E955.3	5	5	-	5	E968.1	30	31	1	E986	17	22	5	22
E955.4	11984	12051	67	12051	E968.2	463	491	28	E987.0	35	35	-	35
E955.5	3	3	-	3	E968.3	7	10	3	E987.1	20	21	1	21
E955.9	12	12	-	12	E968.4	24	33	9	E987.2	4	4	-	4
E956	425	481	56	481	E968.8	850	1013	163	E987.9	6	7	1	7
E957.0	310	313	3	313	E968.9	1076	1269	193	E988.0	17	17	-	17
E957.1	277	278	1	278	E969	65	85	20	E988.1	93	95	2	95
E957.2	19	19	-	19	E970	289	291	2	E988.2	6	6	-	6
E957.9	85	85	-	85	E971	1	1	-	E988.3	5	8	3	8
E958.0	233	234	1	234	E972	-	-	-	E988.4	1	1	-	1
E958.1	183	196	13	196	E973	1	2	1	E988.5	14	14	-	14
E958.2	-	-	-	-	E974	-	-	-	E988.6	-	-	-	-
E958.3	5	8	3	8	E975	5	7	2	E988.7	-	2	2	2
E958.4	24	26	2	26	E976	-	1	1	E988.8	97	127	30	127
E958.5	67	68	1	68	E977	1	2	1	E988.9	263	290	27	290
E958.6	1	1	-	1	E978	21	22	1	E989	21	28	7	28
E958.7	1	2	1	2	E980.0	247	268	21	E990.0	-	-	-	-
E958.8	50	51	1	51	E980.1	10	12	2	E990.9	-	-	-	-
E958.9	35	56	21	56	E980.2	7	7	-	E991.0	-	-	-	-
E959	15	23	8	23	E980.3	161	180	19	E991.1	-	-	-	-
E960.0	89	99	10	99	E980.4	324	364	40	E991.2	-	-	-	-
E960.1	8	16	8	16	E980.5	206	222	16	E991.3	-	-	-	-
E961	1	1	-	1	E980.6	-	-	-	E991.9	-	-	-	-
E962.0	32	43	11	43	E980.7	5	6	1	E992	-	-	-	-
E962.1	5	7	2	7	E980.8	-	-	-	E993	1	1	-	1
E962.2	8	12	4	12	E980.9	46	102	56	E994	-	-	-	-
E962.9	-	-	-	-	E981.0	-	-	-	E995	-	-	-	-
E963	959	1030	71	1030	E981.1	2	2	-	E996	-	-	-	-
E964	76	90	14	90	E981.8	-	-	-	E997.0	-	-	-	-
E965.0	1337	1343	6	1343	E982.0	70	71	1	E997.1	-	-	-	-
E965.1	1223	1241	18	1241	E982.1	23	24	1	E997.2	-	-	-	-
E965.2	197	199	2	199	E982.8	13	14	1	E997.8	-	-	-	-
E965.3	2	2	-	2	E982.9	4	5	1	E997.9	-	-	-	-
E965.4	13459	13511	52	13511	E983.0	39	39	-	E998	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			
	UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS			UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS			UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS
E999	13	43	30	43	N844	...	4	4	4	N896	...	8	8	8		
N800	...	132	132	132	N845	...	8	8	8	N897	...	95	95	95		
N801	...	1227	1227	1227	N846	...	3	3	3	N900	...	328	328	328		
N802	...	406	406	406	N847	...	32	32	32	N901	...	2855	2855	2855		
N803	...	5605	5605	5605	N848	...	16	16	16	N902	...	487	487	487		
N805	...	4599	4599	4599	N850	...	288	288	288	N903	...	93	93	93		
N806	...	7	7	7	N851	...	3887	3887	3887	N904	...	697	697	697		
N807	...	2902	2902	2902	N852	...	5046	5046	5046	N905.0	...	30	30	30		
N808	...	1437	1437	1437	N853	...	2424	2424	2424	N905.1	...	127	127	127		
N809	...	19	19	19	N854	...	26963	26963	26963	N905.2	...	21	21	21		
N810	...	179	179	179	N860	...	1907	1907	1907	N905.3	...	455	455	455		
N811	...	25	25	25	N861	...	5121	5121	5121	N905.4	...	57	57	57		
N812	...	899	899	899	N862	...	10065	10065	10065	N905.5	...	38	38	38		
N813	...	146	146	146	N863	...	759	759	759	N905.6	...	8	8	8		
N814	...	129	129	129	N864	...	1958	1958	1958	N905.7	...	2	2	2		
N815	...	8	8	8	N865	...	1133	1133	1133	N905.8	...	1	1	1		
N816	...	4	4	4	N866	...	386	386	386	N905.9	...	3	3	3		
N817	...	-	-	-	N867	...	204	204	204	N906.0	...	88	88	88		
N818	...	185	185	185	N868	...	3768	3768	3768	N906.1	...	5	5	5		
N819	...	46	46	46	N869	...	4364	4364	4364	N906.2	...	3	3	3		
N820	...	12591	12591	12591	N870	...	15	15	15	N906.3	...	8	8	8		
N821	...	2214	2214	2214	N871	...	51	51	51	N906.4	...	-	-	-		
N822	...	90	90	90	N872	...	36	36	36	N906.5	...	1	1	1		
N823	...	416	416	416	N873	...	20919	20919	20919	N906.6	...	-	-	-		
N824	...	239	239	239	N874	...	2462	2462	2462	N906.7	...	2	2	2		
N825	...	41	41	41	N875	...	10710	10710	10710	N906.8	...	1	1	1		
N826	...	1	1	1	N876	...	1425	1425	1425	N906.9	...	22	22	22		
N827	...	357	357	357	N877	...	75	75	75	N907.0	...	795	795	795		
N828	...	253	253	253	N878	...	22	22	22	N907.1	...	3	3	3		
N829	...	1704	1704	1704	N879	...	15030	15030	15030	N907.2	...	335	335	335		
N830	...	6	6	6	N880	...	284	284	284	N907.3	...	6	6	6		
N831	...	29	29	29	N881	...	255	255	255	N907.4	...	-	-	-		
N832	...	2	2	2	N882	...	91	91	91	N907.5	...	-	-	-		
N833	...	25	25	25	N883	...	17	17	17	N907.9	...	19	19	19		
N834	...	2	2	2	N884	...	571	571	571	N908.0	...	34	34	34		
N835	...	59	59	59	N885	...	1	1	1	N908.1	...	14	14	14		
N836	...	7	7	7	N886	...	21	21	21	N908.2	...	5	5	5		
N837	...	2	2	2	N887	...	38	38	38	N908.3	...	5	5	5		
N838	...	-	-	-	N890	...	229	229	229	N908.4	...	8	8	8		
N839	...	465	465	465	N891	...	278	278	278	N908.5	...	15	15	15		
N840	...	3	3	3	N892	...	18	18	18	N908.6	...	42	42	42		
N841	...	-	-	-	N893	...	1	1	1	N908.9	...	222	222	222		
N842	...	-	-	-	N894	...	45	45	45	N909.0	...	33	33	33		
N843	...	4	4	4	N895	...	2	2	2	N909.1	...	37	37	37		

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N909.2	...	9	9	9	N941.3	...	22	22	22	N950	...	4	4	4
N909.3	...	984	984	984	N941.4	...	-	-	-	N951	...	1	1	1
N909.4	...	40	40	40	N942.0	...	281	281	281	N952	...	1814	1814	1814
N909.9	...	9	9	9	N942.1	...	2	2	2	N953	...	7	7	7
N910	...	61	61	61	N942.2	...	14	14	14	N954	...	23	23	23
N911	...	29	29	29	N942.3	...	47	47	47	N955	...	1	1	1
N912	...	7	7	7	N942.4	...	23	23	23	N956	...	1	1	1
N913	...	15	15	15	N943.0	...	30	30	30	N957	...	52	52	52
N914	...	4	4	4	N943.1	...	-	-	-	N958.0	...	47	47	47
N915	...	-	-	-	N943.2	...	9	9	9	N958.1	...	140	140	140
N916	...	13	13	13	N943.3	...	20	20	20	N958.2	...	-	-	-
N917	...	1	1	1	N943.4	...	-	-	-	N958.3	...	35	35	35
N918	...	3	3	3	N944.0	...	8	8	8	N958.4	...	1527	1527	1527
N919	...	188	188	188	N944.1	...	-	-	-	N958.5	...	38	38	38
N920	...	215	215	215	N944.2	...	4	4	4	N958.6	...	-	-	-
N921	...	38	38	38	N944.3	...	2	2	2	N958.7	...	95	95	95
N922	...	166	166	166	N944.4	...	-	-	-	N958.8	...	3555	3555	3555
N923	...	26	26	26	N945.0	...	57	57	57	N959.0	...	2771	2771	2771
N924	...	446	446	446	N945.1	...	-	-	-	N959.1	...	3065	3065	3065
N925	...	65	65	65	N945.2	...	9	9	9	N959.2	...	109	109	109
N926	...	37	37	37	N945.3	...	14	14	14	N959.3	...	75	75	75
N927	...	10	10	10	N945.4	...	-	-	-	N959.4	...	12	12	12
N928	...	29	29	29	N947.0	...	1	1	1	N959.5	...	1	1	1
N929	...	427	427	427	N947.1	...	34	34	34	N959.6	...	88	88	88
N930	...	2	2	2	N947.2	...	-	-	-	N959.7	...	272	272	272
N931	...	-	-	-	N947.3	...	3	3	3	N959.8	...	17663	17663	17663
N932	...	5	5	5	N947.4	...	-	-	-	N959.9	...	7103	7103	7103
N933	...	13456	13456	13456	N947.8	...	3	3	3	N960.0	...	3	3	3
N934	...	644	644	644	N947.9	...	2	2	2	N960.1	...	7	7	7
N935	...	38	38	38	N948.0	...	12	12	12	N960.2	...	-	-	-
N936	...	9	9	9	N948.1	...	37	37	37	N960.3	...	-	-	-
N937	...	3	3	3	N948.2	...	65	65	65	N960.4	...	3	3	3
N938	...	25	25	25	N948.3	...	71	71	71	N960.5	...	-	-	-
N939	...	4	4	4	N948.4	...	82	82	82	N960.6	...	7	7	7
N940.0	...	-	-	-	N948.5	...	71	71	71	N960.7	...	56	56	56
N940.1	...	-	-	-	N948.6	...	83	83	83	N960.8	...	11	11	11
N940.2	...	-	-	-	N948.7	...	80	80	80	N960.9	...	12	12	12
N940.3	...	-	-	-	N948.8	...	103	103	103	N961.0	...	1	1	1
N940.4	...	-	-	-	N948.9	...	545	545	545	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	2041	2041	2041	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	4	4	4	N961.3	...	-	-	-
N941.0	...	55	55	55	N949.2	...	39	39	39	N961.4	...	5	5	5
N941.1	...	-	-	-	N949.3	...	160	160	160	N961.5	...	1	1	1
N941.2	...	10	10	10	N949.4	...	45	45	45	N961.6	...	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N961.7	...	1	1	1	N967.0	...	331	331	331	N972.7	...	-	-	-
N961.8	...	4	4	4	N967.1	...	26	26	26	N972.8	...	-	-	-
N961.9	...	3	3	3	N967.2	...	2	2	2	N972.9	...	4	4	4
N962.0	...	9	9	9	N967.3	...	-	-	-	N973.0	...	4	4	4
N962.1	...	1	1	1	N967.4	...	-	-	-	N973.1	...	-	-	-
N962.2	...	1	1	1	N967.5	...	19	19	19	N973.2	...	-	-	-
N962.3	...	62	62	62	N967.6	...	3	3	3	N973.3	...	1	1	1
N962.4	...	1	1	1	N967.8	...	33	33	33	N973.4	...	3	3	3
N962.5	...	-	-	-	N967.9	...	26	26	26	N973.5	...	2	2	2
N962.6	...	-	-	-	N968.0	...	48	48	48	N973.6	...	-	-	-
N962.7	...	2	2	2	N968.1	...	1	1	1	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	39	39	39	N973.9	...	-	-	-
N962.9	...	-	-	-	N968.3	...	20	20	20	N974.0	...	-	-	-
N963.0	...	186	186	186	N968.4	...	2	2	2	N974.1	...	302	302	302
N963.1	...	45	45	45	N968.5	...	1660	1660	1660	N974.2	...	1	1	1
N963.2	...	-	-	-	N968.6	...	-	-	-	N974.3	...	1	1	1
N963.3	...	1	1	1	N968.7	...	4	4	4	N974.4	...	1	1	1
N963.4	...	-	-	-	N968.9	...	49	49	49	N974.5	...	3	3	3
N963.5	...	1	1	1	N969.0	...	1538	1538	1538	N974.6	...	19	19	19
N963.8	...	-	-	-	N969.1	...	139	139	139	N974.7	...	7	7	7
N963.9	...	-	-	-	N969.2	...	23	23	23	N975.0	...	-	-	-
N964.0	...	12	12	12	N969.3	...	8	8	8	N975.1	...	3	3	3
N964.1	...	2	2	2	N969.4	...	580	580	580	N975.2	...	10	10	10
N964.2	...	57	57	57	N969.5	...	118	118	118	N975.3	...	2	2	2
N964.3	...	1	1	1	N969.6	...	41	41	41	N975.4	...	11	11	11
N964.4	...	3	3	3	N969.7	...	190	190	190	N975.5	...	3	3	3
N964.5	...	2	2	2	N969.8	...	10	10	10	N975.6	...	14	14	14
N964.6	...	-	-	-	N969.9	...	5	5	5	N975.7	...	11	11	11
N964.7	...	1	1	1	N970.0	...	-	-	-	N975.8	...	22	22	22
N964.8	...	-	-	-	N970.1	...	1	1	1	N976.0	...	11	11	11
N964.9	...	-	-	-	N970.8	...	-	-	-	N976.1	...	1	1	1
N965.0	...	2180	2180	2180	N970.9	...	-	-	-	N976.2	...	4	4	4
N965.1	...	255	255	255	N971.0	...	-	-	-	N976.3	...	-	-	-
N965.4	...	265	265	265	N971.1	...	24	24	24	N976.4	...	5	5	5
N965.5	...	-	-	-	N971.2	...	10	10	10	N976.5	...	-	-	-
N965.6	...	18	18	18	N971.3	...	3	3	3	N976.6	...	-	-	-
N965.7	...	460	460	460	N971.9	...	-	-	-	N976.7	...	2	2	2
N965.8	...	330	330	330	N972.0	...	153	153	153	N976.8	...	-	-	-
N965.9	...	8	8	8	N972.1	...	673	673	673	N976.9	...	-	-	-
N966.0	...	-	-	-	N972.2	...	-	-	-	N977.0	...	14	14	14
N966.1	...	81	81	81	N972.3	...	1	1	1	N977.1	...	-	-	-
N966.2	...	-	-	-	N972.4	...	13	13	13	N977.2	...	-	-	-
N966.3	...	55	55	55	N972.5	...	-	-	-	N977.3	...	3	3	3
N966.4	...	4	4	4	N972.6	...	4	4	4	N977.4	...	2	2	2

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N977.8	...	159	159	159	N985.3	...	-	-	-	N992.2	...	-	-	-
N977.9	...	4050	4050	4050	N985.4	...	2	2	2	N992.3	...	1	1	1
N978.0	...	-	-	-	N985.5	...	3	3	3	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	47	47	47
N978.2	...	-	-	-	N985.8	...	54	54	54	N992.6	...	1	1	1
N978.3	...	-	-	-	N985.9	...	2	2	2	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	4323	4323	4323	N992.8	...	5	5	5
N978.5	...	-	-	-	N987.0	...	51	51	51	N992.9	...	89	89	89
N978.6	...	-	-	-	N987.1	...	42	42	42	N993.0	...	2	2	2
N978.8	...	-	-	-	N987.2	...	10	10	10	N993.1	...	1	1	1
N978.9	...	-	-	-	N987.3	...	-	-	-	N993.2	...	36	36	36
N979.0	...	-	-	-	N987.4	...	31	31	31	N993.3	...	2	2	2
N979.1	...	-	-	-	N987.5	...	2	2	2	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	6	6	6	N993.8	...	1	1	1
N979.3	...	-	-	-	N987.7	...	-	-	-	N993.9	...	-	-	-
N979.4	...	-	-	-	N987.8	...	3163	3163	3163	N994.0	...	54	54	54
N979.5	...	-	-	-	N987.9	...	438	438	438	N994.1	...	6340	6340	6340
N979.6	...	-	-	-	N988.0	...	1	1	1	N994.2	...	138	138	138
N979.7	...	-	-	-	N988.1	...	1	1	1	N994.3	...	3	3	3
N979.9	...	9	9	9	N988.2	...	3	3	3	N994.4	...	2	2	2
N980.0	...	570	570	570	N988.8	...	2	2	2	N994.5	...	36	36	36
N980.1	...	46	46	46	N988.9	...	2	2	2	N994.6	...	-	-	-
N980.2	...	45	45	45	N989.0	...	66	66	66	N994.7	...	7141	7141	7141
N980.3	...	-	-	-	N989.1	...	6	6	6	N994.8	...	751	751	751
N980.8	...	1	1	1	N989.2	...	5	5	5	N994.9	...	247	247	247
N980.9	...	540	540	540	N989.3	...	24	24	24	N995.0	...	139	139	139
N981	...	17	17	17	N989.4	...	31	31	31	N995.1	...	29	29	29
N982.0	...	11	11	11	N989.5	...	56	56	56	N995.2	...	233	233	233
N982.1	...	-	-	-	N989.6	...	2	2	2	N995.3	...	45	45	45
N982.2	...	-	-	-	N989.7	...	-	-	-	N995.4	...	2	2	2
N982.3	...	33	33	33	N989.8	...	53	53	53	N995.5	...	184	184	184
N982.4	...	-	-	-	N989.9	...	95	95	95	N995.8	...	12	12	12
N982.8	...	66	66	66	N990	...	37	37	37	N996.0	...	291	291	291
N983.0	...	8	8	8	N991.0	...	-	-	-	N996.1	...	45	45	45
N983.1	...	26	26	26	N991.1	...	1	1	1	N996.2	...	18	18	18
N983.2	...	14	14	14	N991.2	...	7	7	7	N996.3	...	17	17	17
N983.9	...	27	27	27	N991.3	...	11	11	11	N996.4	...	25	25	25
N984.0	...	-	-	-	N991.4	...	-	-	-	N996.5	...	150	150	150
N984.1	...	1	1	1	N991.5	...	-	-	-	N996.6	...	1547	1547	1547
N984.8	...	-	-	-	N991.6	...	987	987	987	N996.7	...	6206	6206	6206
N984.9	...	7	7	7	N991.8	...	2	2	2	N996.8	...	698	698	698
N985.0	...	3	3	3	N991.9	...	296	296	296	N996.9	...	1	1	1
N985.1	...	14	14	14	N992.0	...	252	252	252	N997.0	...	667	667	667
N985.2	...	-	-	-	N992.1	...	2	2	2	N997.1	...	3469	3469	3469

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1990

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD		
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY
N997.2	...	547	547	547							
N997.3	...	4397	4397	4397							
N997.4	...	1060	1060	1060							
N997.5	...	728	728	728							
N997.6	...	199	199	199							
N997.9	...	316	316	316							
N998.0	...	383	383	383							
N998.1	...	926	926	926							
N998.2	...	372	372	372							
N998.3	...	209	209	209							
N998.4	...	6	6	6							
N998.5	...	1920	1920	1920							
N998.6	...	103	103	103							
N998.7	...	20	20	20							
N998.8	...	575	575	575							
N998.9	...	417	417	417							
N999.0	...	-	-	-							
N999.1	...	4	4	4							
N999.2	...	3	3	3							
N999.3	...	22	22	22							
N999.4	...	2	2	2							
N999.5	...	10	10	10							
N999.6	...	9	9	9							
N999.7	...	2	2	2							
N999.8	...	436	436	436							
N999.9	...	438	438	438							

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	29	1	4	1	-	6	2	1	4	1	5	4	-
007-009.....	791	136	17	7	6	20	33	26	46	96	195	209	-
010-018.....	4,268	5	9	7	50	347	479	424	605	899	974	468	1
010-012.....	3,314	2	3	4	26	239	372	309	445	710	793	410	1
013-018.....	986	3	8	3	24	113	109	123	162	194	188	59	-
033.....	12	11	1	-	-	-	-	-	-	-	-	-	-
034-035.....	30	2	-	1	2	2	1	6	2	4	5	5	-
036.....	234	52	40	18	34	18	17	10	14	13	11	7	-
038.....	104,255	727	340	271	606	1,929	3,712	5,142	11,207	22,924	31,813	25,571	13
045.....	2	-	-	-	-	-	-	1	-	1	-	-	-
055.....	73	13	32	4	7	11	5	-	1	-	-	-	-
070.....	2,339	5	4	4	52	187	361	301	387	541	398	99	-
090-097.....	364	43	1	-	4	32	42	23	24	47	91	57	-
REM. 001-1391/...	41,174	515	283	262	898	10,037	12,471	5,390	3,364	3,292	3,010	1,635	17
140-208.....	568,844	106	543	1,173	1,931	5,902	17,078	41,532	101,076	173,570	157,546	68,358	29
140-149.....	10,143	-	1	5	25	66	321	1,039	2,471	3,108	2,192	915	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
150-159.....	136,118	10	27	17	111	647	2,765	8,243	21,420	40,391	41,556	20,924	7
160-165.....	159,944	7	4	14	42	357	2,789	12,759	37,493	58,869	38,666	8,939	5
174-175.....	52,193	-	-	-	16	647	3,477	6,121	9,568	13,428	12,020	6,914	2
179-187.....	71,573	2	1	5	113	607	1,579	3,001	7,902	20,093	25,399	12,867	4
188-189.....	25,847	-	23	33	25	115	411	1,340	3,741	7,250	8,481	4,426	2
170-173, 190-199.	184,255	66	308	605	817	2,509	6,713	15,103	34,811	56,257	47,946	19,111	9
204-208.....	23,114	27	185	440	584	722	973	1,352	2,848	5,796	6,694	3,490	3
200-203.....	35,386	1	18	95	335	969	1,464	2,399	5,307	10,227	10,513	4,058	-
210-239.....	12,635	111	88	110	118	296	401	619	1,319	2,897	4,040	2,635	1
250.....	162,566	5	9	34	185	1,122	3,045	7,720	22,412	47,643	53,065	27,310	16
260-269.....	30,475	53	28	40	63	365	665	1,084	2,607	5,887	9,641	10,041	1
280-285.....	42,102	65	96	137	305	879	1,303	1,522	3,379	7,670	13,113	13,629	4
320-322.....	2,682	303	112	63	64	189	268	296	390	494	366	137	-
390-448.....	1,313,528	3,644	1,569	1,628	3,789	11,491	27,569	55,265	137,209	294,137	420,208	356,852	167
390-398, 402, 404-429.....	1,131,778	3,293	1,437	1,430	3,320	10,052	24,328	49,167	122,295	257,146	358,538	300,623	149
390-398.....	10,583	11	9	9	49	139	366	594	1,469	2,920	3,386	1,631	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
402.....	38,203	1	1	4	26	241	998	2,365	4,964	8,994	11,678	8,923	8
404.....	3,503	1	-	-	7	28	72	131	333	812	1,215	904	-
410-414.....	601,721	93	26	37	187	1,411	7,762	22,836	63,871	141,784	199,737	163,927	50
410.....	270,674	60	16	22	119	792	4,381	13,304	35,051	70,922	89,695	56,295	17
411.....	7,667	3	1	-	4	64	246	620	1,128	1,811	2,088	1,700	2
413.....	6,021	1	-	1	2	4	49	139	496	1,400	2,178	1,750	1
412, 414.....	439,350	33	12	16	84	847	4,850	14,339	42,209	99,386	146,585	130,953	36
424.....	28,679	48	21	20	60	238	451	735	2,020	5,588	10,374	9,116	8
415-423, 425-429.	830,666	3,213	1,416	1,399	3,164	8,914	18,859	34,924	86,194	182,888	262,011	227,572	112
401, 403.....	112,196	30	7	7	51	388	1,791	5,069	13,642	29,138	37,301	24,762	10
430-438.....	255,545	392	150	222	504	1,502	3,617	7,227	18,064	48,957	90,642	84,245	23
431-432.....	29,312	177	56	117	233	630	1,589	2,575	4,214	7,045	8,398	4,274	4
434.0, 434.9.....	29,681	75	29	36	80	176	373	769	2,136	5,554	10,412	10,038	3
434.1.....	2,177	2	3	1	4	22	33	76	162	480	823	571	-
430, 433, 435-438	202,787	152	67	75	216	783	1,877	4,195	12,281	37,331	73,700	72,094	16
440.....	90,026	4	1	1	5	72	410	1,467	5,319	15,975	30,445	36,316	11

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
441-448.....	47,174	41	11	30	115	286	589	1,281	4,517	12,811	16,595	10,895	3
466.....	2,244	119	28	13	14	18	35	52	196	482	682	605	-
480-487.....	208,111	1,216	469	442	775	2,471	4,411	5,956	15,212	37,287	67,582	72,265	25
480-486.....	205,212	1,207	455	429	766	2,460	4,383	5,902	15,028	36,882	66,712	70,963	25
487.....	2,899	9	14	13	9	11	28	54	184	405	870	1,302	-
490-496.....	201,225	100	95	164	261	498	1,252	5,192	24,229	63,446	74,102	31,869	17
490-491.....	8,254	66	43	18	28	67	109	247	871	2,008	2,750	2,047	-
492.....	32,791	10	2	2	7	44	191	874	4,499	11,380	11,868	3,912	2
493.....	10,513	18	33	121	194	309	499	840	1,558	2,638	2,824	1,478	1
494-496.....	150,795	9	18	24	38	90	485	3,276	17,470	47,753	57,036	24,582	14
531-533.....	16,526	24	8	8	26	120	297	632	1,648	3,926	5,494	4,341	2
540-543.....	811	7	7	17	13	16	39	51	99	189	229	144	-
550-553, 560.....	19,352	215	49	47	53	118	394	679	1,683	3,862	6,355	5,895	2
571.....	39,639	42	18	28	103	1,296	4,929	6,315	9,432	10,191	5,982	1,285	18
574-575.....	7,483	12	1	6	16	52	116	196	597	1,560	2,574	2,351	2
580-589.....	118,030	973	127	157	392	1,692	3,523	5,068	12,244	28,003	38,157	27,683	11

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
580-581.....	1,261	21	13	5	9	20	41	64	122	330	380	256	-
582-583, 587...	4,833	11	9	12	22	102	171	183	400	988	1,589	1,346	-
584-586, 588-589.....	113,395	947	110	145	373	1,609	3,381	4,889	11,851	27,007	36,666	26,406	11
590.....	2,960	15	4	2	19	38	91	118	233	508	962	970	-
600.....	1,948	-	-	-	-	-	1	8	72	302	808	756	1
630-676.....	402	...	...	-	127	188	81	6	...	...	...	...	-
630-638.....	61	...	...	-	21	28	11	1	...	...	...	...	-
640-676.....	342	...	...	-	107	160	70	5	...	...	...	...	-
740-759.....	17,522	9,377	1,104	596	657	675	727	718	958	1,119	1,025	562	4
760-779.....	23,306	22,949	238	64	12	12	5	5	3	2	2	5	9
767-769.....	5,603	5,510	47	29	4	5	3	3	2	-	-	-	-
760-766, 770-779.....	22,721	22,432	207	42	8	9	2	2	1	2	2	5	9
780-799.....	395,897	9,698	1,609	1,563	3,639	8,953	14,260	19,364	44,746	90,176	113,807	87,950	132
RESIDUAL.....	592,509	4,089	1,911	2,135	4,973	12,470	22,572	30,891	62,184	121,149	175,781	154,283	71
E800-E949.....	152,922	1,575	2,908	4,021	16,881	17,206	13,814	10,421	13,698	22,107	27,879	22,287	125

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
E810-E825.....	47,701	202	934	2,066	12,659	10,227	6,369	3,996	3,487	3,560	3,130	1,024	47
E800-E807, E826-E949.....	105,575	1,373	1,977	1,964	4,313	7,051	7,483	6,456	10,237	18,575	24,790	21,277	79
E950-E959.....	31,072	...	...	265	4,885	6,578	5,746	3,730	3,405	3,268	2,510	674	11
E960-E978.....	25,104	347	380	518	7,371	7,668	4,442	1,909	1,070	709	445	147	98
E980-E999.....	2,581	56	32	55	318	675	615	282	190	167	108	64	19
N800-N999.....	198,628	1,893	3,237	4,729	29,002	31,567	23,920	15,554	16,838	23,374	27,524	20,748	242
N800-N848.....	32,115	138	320	525	3,107	2,832	1,961	1,378	1,736	3,215	7,170	9,722	11
N850-N854.....	34,322	396	816	1,417	7,645	6,624	4,437	2,827	2,499	2,772	3,068	1,783	38
N860-N869.....	22,213	89	282	574	5,146	5,103	3,356	2,086	1,807	1,792	1,440	517	21
N870-N897.....	41,691	31	132	740	10,417	10,833	6,968	3,878	3,078	2,851	2,132	566	65
N900-N904.....	4,313	3	19	84	997	1,128	668	408	338	321	246	98	3
N905-N909.....	3,150	6	30	44	87	188	264	249	380	562	675	665	-
N910-N929.....	1,537	17	31	39	225	252	179	148	152	153	188	152	1
N930-N939.....	14,110	291	202	163	325	484	644	724	1,299	2,537	4,043	3,394	4
N940-N949.....	3,639	70	240	146	435	510	443	349	372	400	434	233	7
N950-N957.....	1,899	4	41	65	338	351	251	154	165	220	212	97	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	N.S.
N958-N959.....	32,937	149	472	998	6,762	6,605	4,479	2,806	2,658	2,803	3,047	2,105	53
N960-N995.....	34,511	637	1,347	1,274	4,421	7,385	6,730	3,454	2,854	2,704	2,325	1,291	89
N996-N999.....	24,792	469	196	187	255	483	889	1,570	3,437	7,125	6,975	3,206	-
*O42-*O44 <u>2</u> /.....	27,926	119	139	94	589	9,281	11,373	4,279	1,511	437	73	16	15

1/ INCLUDES *O42-*O44 (HIV INFECTION) SHOWN SEPARATELY BELOW.

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION)

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
ALL CAUSES.....	2,148,463	38,351	6,931	8,436	36,733	60,091	83,562	118,608	252,696	477,949	601,439	463,105	562
004, 006.....	15	-	3	1	-	2	-	1	2	1	4	1	-
007-009.....	415	98	13	6	2	7	13	10	20	51	94	101	-
010-018.....	1,810	2	6	3	23	144	178	188	269	382	406	209	-
010-012.....	1,378	1	1	1	13	95	131	129	191	307	335	174	-
013-018.....	432	1	5	2	10	49	47	59	78	75	71	35	-
033.....	12	11	1	-	-	-	-	-	-	-	-	-	-
034-035.....	14	2	-	-	1	1	-	2	1	2	2	3	-
036.....	215	50	38	18	32	15	14	8	13	11	10	6	-
038.....	19,169	267	100	46	84	303	557	767	1,690	3,776	6,024	5,551	4
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	64	11	29	4	7	10	3	-	-	-	-	-	-
070.....	1,578	4	4	2	38	114	224	189	248	397	293	65	-
090-097.....	106	25	1	-	2	8	7	9	7	9	25	13	-
REM. 001-139 <u>1</u> /...	32,214	370	222	192	728	9,107	11,107	4,496	2,238	1,749	1,334	657	14
140-208.....	505,322	90	513	1,094	1,819	5,427	16,223	39,823	94,919	157,413	135,011	52,963	27

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
140-149.....	8,405	-	1	5	23	65	308	928	2,138	2,537	1,703	697	-
150-159.....	120,765	8	25	15	107	627	2,688	7,930	20,069	36,651	35,907	16,732	6
160-165.....	146,386	4	3	13	40	340	2,703	12,236	35,162	53,789	34,451	7,640	5
174-175.....	43,663	-	-	-	15	629	3,380	5,855	8,834	11,410	9,228	4,310	2
179-187.....	57,487	2	-	5	107	583	1,505	2,842	7,245	16,966	19,399	8,830	3
188-189.....	20,654	-	20	32	24	108	388	1,253	3,317	6,016	6,435	3,060	1
170-173, 190-199.....	60,221	52	279	561	675	1,561	3,157	5,461	11,134	16,793	14,385	6,156	7
204-208.....	18,574	24	170	382	535	668	872	1,207	2,443	4,754	5,123	2,393	3
200-203.....	29,167	-	15	81	293	846	1,222	2,111	4,577	8,497	8,380	3,145	-
210-239.....	6,752	71	75	100	93	213	296	399	755	1,529	2,006	1,214	1
250.....	47,664	4	7	24	115	674	1,510	2,834	6,969	13,280	14,537	7,706	4
260-269.....	3,017	16	4	1	9	14	31	45	125	331	908	1,532	1
280-285.....	4,092	29	51	51	124	187	195	156	272	604	1,124	1,299	-
320-322.....	1,017	197	81	37	29	53	88	81	116	146	128	61	-
390-448.....	916,007	963	335	401	1,224	4,480	14,760	36,242	91,820	198,744	296,718	270,197	123

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
390-398, 402, 404-429.....	720,058	794	282	308	917	3,290	11,755	30,204	77,546	161,373	229,844	203,641	104
390-398.....	6,018	7	2	8	35	102	253	374	858	1,624	1,871	884	-
402.....	21,072	-	1	2	16	148	608	1,399	2,810	4,745	6,099	5,239	5
404.....	2,377	1	-	-	7	21	55	85	211	501	814	682	-
410-414.....	489,171	26	9	19	113	1,063	6,475	19,457	52,481	113,139	160,442	135,906	41
410.....	239,008	16	5	10	71	607	3,745	11,661	30,457	61,739	79,454	51,228	15
411.....	3,333	-	-	-	3	22	110	320	560	811	864	642	1
413.....	1,070	-	-	1	1	4	17	22	72	236	357	360	-
412, 414...	245,760	10	4	8	38	430	2,603	7,454	21,392	50,353	79,767	83,676	25
424.....	13,004	17	7	14	34	119	224	397	954	2,396	4,604	4,236	2
415-423, 425-429.....	188,416	743	263	265	712	1,837	4,140	8,492	20,232	38,968	56,014	56,694	56
401, 403.....	9,169	5	1	2	10	46	181	397	895	1,988	3,003	2,639	2
430-438.....	144,088	148	45	73	234	937	2,415	4,690	10,124	26,054	49,988	49,367	13
431-432.....	20,575	61	12	19	83	315	916	1,730	2,853	4,968	6,344	3,270	4
434.0, 434.9.	18,261	15	7	11	20	47	161	364	1,097	3,145	6,458	6,935	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
434.1.....	651	-	-	-	-	6	4	18	42	139	267	175	-
430, 433, 435-438.....	104,601	72	26	43	131	569	1,334	2,578	6,132	17,802	36,919	38,987	8
440.....	18,047	1	-	1	1	14	33	162	674	2,220	5,331	9,607	3
441-448.....	24,645	15	7	17	62	193	376	789	2,581	7,109	8,552	4,943	1
466.....	633	75	18	6	5	5	17	11	49	90	157	200	-
480-487.....	79,513	634	171	134	231	762	1,416	1,751	3,922	10,665	25,377	34,443	7
480-486.....	77,415	627	161	122	226	756	1,402	1,717	3,826	10,419	24,753	33,399	7
487.....	2,098	7	10	12	5	6	14	34	96	246	624	1,044	-
490-496.....	86,679	55	55	115	178	300	608	2,277	10,328	27,518	32,145	13,092	8
490-491.....	3,600	39	23	7	7	19	38	95	386	898	1,271	817	-
492.....	15,706	-	1	-	1	13	71	417	2,213	5,642	5,671	1,677	-
493.....	4,819	12	24	102	160	237	332	502	738	1,125	1,074	512	1
494-496.....	62,554	4	7	6	10	31	167	1,263	6,991	19,853	24,129	10,086	7
531-533.....	6,186	9	3	4	11	57	126	252	576	1,360	2,023	1,764	1
540-543.....	438	5	7	13	11	12	30	32	55	92	114	67	-
550-553, 560.....	5,838	87	23	27	22	32	97	135	334	883	1,980	2,217	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
571.....	25,815	16	7	7	44	889	3,616	4,500	6,306	6,290	3,419	706	15
574-575.....	3,022	3	-	1	5	22	43	67	212	630	1,027	1,010	2
580-589.....	20,764	151	24	20	57	215	531	724	1,736	4,312	6,978	6,016	-
580-581.....	296	10	5	3	3	7	11	18	25	59	82	73	-
582-583, 587...	1,521	1	4	6	11	31	72	74	134	307	495	386	-
584-586, 588-589.....	18,947	140	15	11	43	177	448	632	1,577	3,946	6,401	5,557	-
590.....	1,296	6	1	-	9	8	34	44	93	199	436	466	-
600.....	455	-	-	-	-	-	-	-	17	58	180	200	-
630-676.....	343	...	...	-	107	160	73	3	...	...	...	...	-
630-638.....	57	...	...	-	19	26	11	1	...	...	...	...	-
640-676.....	286	...	...	-	88	134	62	2	...	...	...	...	-
740-759.....	13,085	8,239	896	468	491	473	454	364	412	547	478	259	4
760-779.....	17,674	17,482	134	29	5	6	2	2	1	1	1	4	7
767-769.....	3,871	3,819	28	16	3	3	1	1	-	-	-	-	-
760-766, 770-779.....	13,803	13,663	106	13	2	3	1	1	1	1	1	4	7

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
780-799.....	24,137	6,409	270	123	711	1,693	2,015	1,352	1,701	2,579	3,398	3,801	85
RESIDUAL.....	172,075	1,577	849	1,022	1,732	3,879	6,824	8,538	15,545	31,707	51,845	48,539	18
E800-E949.....	91,983	930	2,566	3,650	16,241	15,950	11,713	7,375	7,232	8,405	10,041	7,767	113
E810-E825.....	46,814	195	928	2,059	12,607	10,170	6,318	3,917	3,365	3,350	2,917	943	45
E800-E807, E826-E949.....	45,169	735	1,638	1,591	3,634	5,780	5,395	3,458	3,867	5,055	7,124	6,824	68
E950-E959.....	30,906	...	...	264	4,869	6,550	5,717	3,718	3,383	3,230	2,493	671	11
E960-E978.....	24,932	332	378	512	7,354	7,643	4,417	1,892	1,055	682	430	139	98
E980-E999.....	2,390	53	31	53	310	647	582	263	177	127	85	44	18
*O42-*O44 <u>2</u> /.....	25,188	106	123	84	541	8,483	10,265	3,812	1,314	369	66	12	13

1/ INCLUDES *O42-*O44 (HIV INFECTION) SHOWN SEPARATELY BELOW.

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
004, 006.....	14	1	1	-	-	4	2	-	2	-	1	3	-
007-009.....	376	38	4	1	4	13	20	16	26	45	101	108	-
010-018.....	2,459	3	3	4	27	203	301	237	336	517	568	259	1
010-012.....	1,938	1	2	3	13	144	241	181	254	403	458	237	1
013-018.....	557	2	3	1	14	64	62	65	85	119	117	25	-
033.....	-	-	-	-	-	-	-	-	-	-	-	-	-
034-035.....	16	-	-	1	1	1	1	4	1	2	3	2	-
036.....	19	2	2	-	2	3	3	2	1	2	1	1	-
038.....	85,086	460	240	225	522	1,626	3,155	4,375	9,517	19,148	25,789	20,020	9
045.....	2	-	-	-	-	-	-	1	-	1	-	-	-
055.....	9	2	3	-	-	1	2	-	1	-	-	-	-
070.....	761	1	-	2	14	73	137	112	139	144	105	34	-
090-097.....	258	18	-	-	2	24	35	14	17	38	66	44	-
REM. 001 - 139 <u>1</u> /...	8,970	145	62	70	170	930	1,364	896	1,126	1,546	1,678	980	3
140-208.....	63,528	16	30	79	113	476	855	1,709	6,157	16,158	22,535	15,398	2
140-149.....	1,738	-	-	-	2	1	13	111	333	571	489	218	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
150-159.....	15,356	2	2	2	4	20	77	313	1,351	3,741	5,650	4,193	1
160-165.....	13,560	3	1	1	2	17	86	523	2,332	5,080	4,215	1,300	-
174-175.....	8,531	-	-	-	1	18	97	266	734	2,018	2,792	2,605	-
179-187.....	14,086	-	1	-	6	24	74	159	657	3,127	6,000	4,037	1
188-189.....	5,193	-	3	1	1	7	23	87	424	1,234	2,046	1,366	1
170-173, 190-199..	124,034	14	29	44	142	948	3,556	9,642	23,677	39,464	33,561	12,955	2
204-208.....	4,543	3	15	58	50	55	101	145	405	1,043	1,571	1,097	-
200-203.....	6,219	1	3	14	42	123	242	288	730	1,730	2,133	913	-
210-239.....	5,885	40	13	10	25	83	105	220	565	1,369	2,034	1,421	-
250.....	114,903	1	2	10	70	448	1,535	4,886	15,443	34,363	38,529	19,604	12
260-269.....	27,477	37	24	39	54	351	634	1,039	2,483	5,560	8,738	8,518	-
280-285.....	38,010	36	45	86	181	692	1,108	1,366	3,107	7,066	11,989	12,330	4
320-322.....	1,667	106	32	26	35	136	180	216	274	348	238	76	-
390-448.....	397,673	2,682	1,234	1,227	2,565	7,021	12,820	19,036	45,405	95,423	123,524	86,692	44
390-398, 402, 404-429.....	411,768	2,500	1,155	1,122	2,403	6,770	12,583	18,974	44,754	95,783	128,696	96,983	45
390-398.....	4,568	4	7	1	14	37	113	220	612	1,296	1,515	749	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
402.....	17,331	1	-	2	10	93	392	969	2,165	4,285	5,644	3,767	3
404.....	1,463	-	-	-	-	8	21	58	151	379	517	329	-
410-414.....	112,555	67	17	18	74	349	1,288	3,379	11,390	28,646	39,296	28,022	9
410.....	31,669	44	11	12	48	185	637	1,643	4,594	9,184	10,242	5,067	2
411.....	4,334	3	1	-	1	42	136	300	568	1,000	1,224	1,058	1
413.....	4,951	1	-	-	1	-	32	117	424	1,164	1,821	1,390	1
412, 414.....	193,594	23	8	8	46	418	2,247	6,885	20,817	49,035	66,818	47,278	11
424.....	15,675	31	14	6	26	119	227	338	1,066	3,192	5,770	4,880	6
415-423, 425-429.....	642,307	2,471	1,153	1,134	2,452	7,084	14,730	26,443	65,968	143,933	206,002	170,881	56
401, 403.....	103,118	25	6	5	41	342	1,611	4,674	12,753	27,175	34,327	22,151	8
430-438.....	111,462	244	105	149	270	565	1,202	2,537	7,940	22,903	40,657	34,880	10
431-432.....	8,745	116	44	98	150	315	675	845	1,362	2,078	2,058	1,004	-
434.0, 434.9.....	11,420	60	22	25	60	129	212	405	1,039	2,409	3,954	3,103	2
434.1.....	1,526	2	3	1	4	16	29	58	120	341	556	396	-
430, 433, 435-438.....	98,214	80	41	32	85	215	544	1,620	6,154	19,536	36,788	33,111	8

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & 0V	
440.....	71,985	3	1	-	4	58	377	1,305	4,645	13,757	25,116	26,711	8
441-448.....	22,914	26	4	13	53	96	216	505	1,981	5,809	8,180	6,029	2
466.....	1,611	44	10	7	9	13	18	41	147	392	525	405	-
480-487.....	128,602	583	298	308	544	1,709	2,995	4,206	11,290	26,623	42,206	37,822	18
480-486.....	127,801	581	294	307	540	1,704	2,981	4,186	11,202	26,464	41,960	37,564	18
487.....	801	2	4	1	4	5	14	20	88	159	246	258	-
490-496.....	114,547	45	40	49	83	198	644	2,915	13,901	35,928	41,958	18,777	9
490-491.....	4,654	27	20	11	21	48	71	152	485	1,110	1,479	1,230	-
492.....	17,085	10	1	2	6	31	120	457	2,286	5,738	6,197	2,235	2
493.....	5,732	6	9	19	35	73	168	339	826	1,525	1,758	974	-
494-496.....	88,246	5	11	18	28	59	318	2,013	10,480	27,902	32,908	14,497	7
531-533.....	10,340	15	5	4	15	63	171	380	1,072	2,566	3,471	2,577	1
540-543.....	373	2	-	4	2	4	9	19	44	97	115	77	-
550-553, 560.....	13,514	128	26	20	31	86	297	544	1,349	2,979	4,375	3,678	1
571.....	14,082	26	11	21	61	424	1,367	1,883	3,192	3,941	2,573	579	4
574-575.....	4,461	9	1	5	11	30	73	129	385	930	1,547	1,341	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
580-589.....	97,284	822	103	137	335	1,477	2,992	4,345	10,514	23,696	31,184	21,668	11
580-581.....	969	11	8	2	6	13	30	46	101	271	298	183	-
582-583, 587.....	3,330	10	5	6	11	71	99	110	267	689	1,098	964	-
584-586, 588-589..	94,454	807	95	134	330	1,432	2,933	4,257	10,275	23,061	30,269	20,850	11
590.....	1,669	9	3	2	10	30	57	74	140	309	531	504	-
600.....	1,493	-	-	-	-	-	1	8	55	244	628	556	1
630-676.....	59	...	...	-	20	28	8	3	...	...	...	...	-
630-638.....	5	...	...	-	2	2	1	-	...	...	...	...	-
640-676.....	56	...	...	-	19	26	8	3	...	...	...	...	-
740-759.....	4,447	1,138	208	128	167	202	273	354	546	576	550	305	-
760-779.....	5,632	5,467	104	35	7	6	3	3	2	1	1	1	2
767-769.....	1,732	1,691	19	13	1	2	2	2	2	-	-	-	-
760-766, 770-779..	8,918	8,769	101	29	6	6	1	1	-	1	1	1	2
780-799.....	371,761	3,289	1,339	1,440	2,928	7,260	12,245	18,012	43,045	87,597	110,410	84,149	47
RESIDUAL.....	422,157	2,595	1,065	1,117	3,259	8,641	15,833	22,491	46,890	89,893	124,369	105,951	53
E800-E949.....	60,943	645	342	371	640	1,256	2,101	3,046	6,466	13,703	17,840	14,521	12

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
E810-E815.....	888	7	6	7	52	57	51	79	122	211	213	81	2
E800-E807, E816- E949.....	60,409	638	339	373	679	1,271	2,088	2,998	6,370	13,520	17,668	14,454	11
E950-E959.....	166	...	...	1	16	28	29	12	22	38	17	3	-
E960-E978.....	172	15	2	6	17	25	25	17	15	27	15	8	-
E980-E999.....	191	3	1	2	8	28	33	19	13	40	23	20	1
N800-N999.....	198,628	1,893	3,237	4,729	29,002	31,567	23,920	15,554	16,838	23,374	27,524	20,748	242
N800-N848.....	32,115	138	320	525	3,107	2,832	1,961	1,378	1,736	3,215	7,170	9,722	11
N850-N854.....	34,322	396	816	1,417	7,645	6,624	4,437	2,827	2,499	2,772	3,068	1,783	38
N860-N869.....	22,213	89	282	574	5,146	5,103	3,356	2,086	1,807	1,792	1,440	517	21
N870-N897.....	41,691	31	132	740	10,417	10,833	6,968	3,878	3,078	2,851	2,132	566	65
N900-N904.....	4,313	3	19	84	997	1,128	668	408	338	321	246	98	3
N905-N909.....	3,150	6	30	44	87	188	264	249	380	562	675	665	-
N910-N929.....	1,537	17	31	39	225	252	179	148	152	153	188	152	1
N930-N939.....	14,110	291	202	163	325	484	644	724	1,299	2,537	4,043	3,394	4
N940-N949.....	3,639	70	240	146	435	510	443	349	372	400	434	233	7
N950-N957.....	1,899	4	41	65	338	351	251	154	165	220	212	97	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
N958-N959.....	32,937	149	472	998	6,762	6,605	4,479	2,806	2,658	2,803	3,047	2,105	53
N960-N995.....	34,511	637	1,347	1,274	4,421	7,385	6,730	3,454	2,854	2,704	2,325	1,291	89
N996-N999.....	24,792	469	196	187	255	483	889	1,570	3,437	7,125	6,975	3,206	-
*042-*044 <u>2</u> /.....	2,765	13	16	10	49	804	1,115	470	199	69	13	5	2

1/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	29	1	4	1	-	6	2	1	4	1	5	4	-
007-009.....	993	137	18	7	9	94	119	53	53	99	195	209	-
010-018.....	4,554	5	9	9	59	443	602	455	622	906	974	469	1
010-012.....	3,550	2	3	6	34	299	456	340	466	726	801	416	1
013-018.....	1,047	3	8	3	25	153	149	124	160	186	181	55	-
033.....	12	11	1	-	-	-	-	-	-	-	-	-	-
034-035.....	30	2	-	1	2	2	1	6	2	4	5	5	-
036.....	234	52	40	18	34	18	17	10	14	13	11	7	-
038.....	105,967	734	350	273	646	2,374	4,296	5,384	11,331	23,020	31,903	25,643	13
045.....	2	-	-	-	-	-	-	1	-	1	-	-	-
055.....	73	13	32	4	7	11	5	-	1	-	-	-	-
070.....	2,339	5	4	4	52	187	361	301	387	541	398	99	-
090-097.....	364	43	1	-	4	32	42	23	24	47	91	57	-
REM. 001-139 <u>1</u> /...	41,814	525	293	265	903	10,054	12,490	5,424	3,423	3,430	3,191	1,799	17
140-208.....	571,662	106	545	1,173	1,963	6,884	18,294	41,979	101,193	173,588	157,548	68,358	31
140-149.....	10,143	-	1	5	25	66	321	1,039	2,471	3,108	2,192	915	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
150-159.....	136,119	10	27	17	111	647	2,765	8,243	21,420	40,392	41,556	20,924	7
160-165.....	159,943	7	4	14	42	357	2,789	12,759	37,493	58,868	38,666	8,939	5
174-175.....	52,193	-	-	-	16	647	3,477	6,121	9,568	13,428	12,020	6,914	2
179-187.....	71,574	2	1	5	113	607	1,579	3,001	7,902	20,093	25,400	12,867	4
188-189.....	25,847	-	23	33	25	115	411	1,340	3,741	7,250	8,481	4,426	2
170-173, 190-199.....	186,704	66	308	605	844	3,232	7,615	15,435	34,955	56,413	48,056	19,164	11
204-208.....	23,115	27	185	440	584	722	973	1,352	2,848	5,797	6,694	3,490	3
200-203.....	36,313	1	20	95	342	1,267	1,849	2,572	5,360	10,234	10,515	4,058	-
210-239.....	12,928	112	90	116	120	303	416	638	1,378	2,987	4,104	2,663	1
250.....	162,566	5	9	34	185	1,122	3,045	7,720	22,412	47,643	53,065	27,310	16
260-269.....	31,269	53	28	40	66	393	704	1,158	2,718	6,046	9,870	10,192	1
280-285.....	42,170	81	97	137	306	887	1,313	1,527	3,382	7,676	13,125	13,635	4
320-322.....	2,695	304	114	63	64	190	270	297	392	495	368	138	-
390-448.....	1,315,046	3,666	1,581	1,633	3,791	11,514	27,623	55,358	137,376	294,454	420,627	357,256	167
390-398, 402,404-429.....	1,132,100	3,314	1,451	1,436	3,325	10,067	24,364	49,207	122,321	257,188	358,567	300,711	149

SEE FOOTNOTES AT END OF TABLE.

- 5 -
 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
 ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
 BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
390-398.....	10,588	11	9	9	49	139	366	594	1,470	2,921	3,387	1,633	-
402.....	34,081	-	1	2	31	241	968	2,219	4,614	8,235	10,368	7,395	7
404.....	381	1	-	-	-	2	5	8	15	58	124	168	-
410-414.....	601,727	93	26	37	187	1,411	7,762	22,836	63,872	141,786	199,739	163,928	50
410.....	270,676	60	16	22	119	792	4,381	13,304	35,051	70,923	89,696	56,295	17
411.....	7,667	3	1	-	4	64	246	620	1,128	1,811	2,088	1,700	2
413.....	6,023	1	-	1	2	4	49	139	496	1,400	2,179	1,751	1
412, 414...	439,355	33	12	16	84	847	4,850	14,339	42,210	99,388	146,586	130,954	36
424.....	28,726	49	21	20	60	241	453	737	2,029	5,599	10,388	9,121	8
415-423, 425-429.....	836,831	3,238	1,431	1,406	3,170	8,955	18,971	35,180	86,808	184,196	263,922	229,441	113
401, 403.....	122,420	31	8	9	56	428	1,933	5,451	14,641	31,364	40,744	27,744	11
430-438.....	255,597	392	149	222	504	1,503	3,614	7,226	18,062	48,960	90,659	84,283	23
431-432.....	30,048	177	56	121	249	677	1,674	2,699	4,366	7,214	8,516	4,295	4
434.0, 434.9	29,912	76	29	36	82	182	377	774	2,152	5,604	10,507	10,090	3
434.1.....	2,177	2	3	1	4	22	33	76	162	480	823	571	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
430,433, 435-438.....	208,249	152	67	74	217	783	1,923	4,360	12,761	38,507	75,744	73,644	17
440.....	98,750	4	1	1	7	74	428	1,539	5,730	17,528	33,508	39,918	12
441-448.....	53,597	43	11	32	119	335	699	1,593	5,435	14,864	18,622	11,841	3
466.....	2,507	132	35	14	15	25	41	60	222	537	778	648	-
480-487.....	212,589	1,244	506	462	843	3,314	5,478	6,372	15,512	37,736	68,265	72,832	25
480-486.....	210,742	1,237	497	457	837	3,308	5,456	6,330	15,370	37,436	67,720	72,069	25
487.....	2,899	9	14	13	9	11	28	54	184	405	870	1,302	-
490-496.....	201,329	104	98	165	261	499	1,253	5,193	24,239	63,473	74,128	31,899	17
490-491.....	8,322	70	46	19	28	67	109	248	874	2,020	2,768	2,073	-
492.....	34,356	10	2	3	7	44	198	928	4,728	11,908	12,430	4,096	2
493.....	10,658	18	33	121	195	312	502	844	1,574	2,691	2,869	1,498	1
494-496.....	158,162	9	18	25	40	102	529	3,497	18,461	50,106	59,672	25,689	14
531-533.....	16,527	24	8	8	26	120	297	632	1,648	3,926	5,495	4,341	2
540-543.....	811	7	7	17	13	16	39	51	99	189	229	144	-
550-553, 560.....	19,352	215	49	47	53	118	394	679	1,683	3,862	6,355	5,895	2
571.....	39,593	42	18	28	103	1,293	4,916	6,306	9,420	10,185	5,979	1,285	18

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
574-575.....	7,488	12	1	6	16	52	116	197	597	1,560	2,574	2,355	2
580-589.....	132,858	977	128	158	413	1,800	3,852	5,655	13,763	31,771	43,296	31,033	12
580-581.....	1,404	20	13	5	10	25	51	83	159	376	414	248	-
582-583, 587...	5,956	11	10	12	22	111	207	234	553	1,329	1,964	1,503	-
584-586, 588-589.....	127,474	952	111	146	393	1,710	3,677	5,436	13,240	30,538	41,570	29,689	12
590.....	3,123	15	4	3	19	40	95	126	252	540	1,016	1,013	-
600.....	1,948	-	-	-	-	-	1	8	72	302	808	756	1
630-676.....	402	...	...	-	127	188	81	6	...	...	...	...	-
630-638.....	61	...	...	-	21	28	11	1	...	...	...	...	-
640-676.....	342	...	...	-	107	160	70	5	...	...	...	...	-
740-759.....	17,586	9,382	1,104	597	658	681	731	724	967	1,135	1,038	565	4
760-779.....	23,337	22,961	245	71	15	12	6	5	3	3	2	5	9
767-769.....	5,622	5,519	50	33	5	5	4	3	2	1	-	-	-
760-766, 770-779.....	22,742	22,441	214	45	10	9	2	2	1	2	2	5	9
780-799.....	400,603	9,699	1,609	1,564	3,648	9,007	14,357	19,537	45,140	91,132	115,214	89,563	133

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
RESIDUAL.....	620,354	4,201	1,949	2,173	5,092	13,250	24,137	32,677	65,253	126,773	183,585	161,179	85
E800-E949.....	152,922	1,575	2,908	4,021	16,881	17,206	13,814	10,421	13,698	22,107	27,879	22,287	125
E810-E825.....	47,701	202	934	2,066	12,659	10,227	6,369	3,996	3,487	3,560	3,130	1,024	47
E800-E807, E826-E949....	105,575	1,373	1,977	1,964	4,313	7,051	7,483	6,456	10,237	18,575	24,790	21,277	79
E950-E959.....	31,072	...	...	265	4,885	6,578	5,746	3,730	3,405	3,268	2,510	674	11
E960-E978.....	25,104	347	380	518	7,371	7,668	4,442	1,909	1,070	709	445	147	98
E980-E999.....	2,581	56	32	55	318	675	615	282	190	167	108	64	19
N800-N999.....	198,628	1,893	3,237	4,729	29,002	31,567	23,920	15,554	16,838	23,374	27,524	20,748	242
N800-N848.....	32,115	138	320	525	3,107	2,832	1,961	1,378	1,736	3,215	7,170	9,722	11
N850-N854.....	34,322	396	816	1,417	7,645	6,624	4,437	2,827	2,499	2,772	3,068	1,783	38
N860-N869.....	22,213	89	282	574	5,146	5,103	3,356	2,086	1,807	1,792	1,440	517	21
N870-N897.....	41,691	31	132	740	10,417	10,833	6,968	3,878	3,078	2,851	2,132	566	65
N900-N904.....	4,313	3	19	84	997	1,128	668	408	338	321	246	98	3
N905-N909.....	3,150	6	30	44	87	188	264	249	380	562	675	665	-
N910-N929.....	1,537	17	31	39	225	252	179	148	152	153	188	152	1
N930-N939.....	14,110	291	202	163	325	484	644	724	1,299	2,537	4,043	3,394	4

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
N940-N949.....	3,639	70	240	146	435	510	443	349	372	400	434	233	7
N950-N957.....	1,899	4	41	65	338	351	251	154	165	220	212	97	1
N958-N959.....	32,937	149	472	998	6,762	6,605	4,479	2,806	2,658	2,803	3,047	2,105	53
N960-N995.....	34,511	637	1,347	1,274	4,421	7,385	6,730	3,454	2,854	2,704	2,325	1,291	89
N996-N999.....	24,792	469	196	187	255	483	889	1,570	3,437	7,125	6,975	3,206	-
*042-*044 <u>2</u> /.....	27,927	119	139	94	589	9,281	11,373	4,280	1,511	437	73	16	15

1/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
2/ INCLUDED IN REM. 001-139.
 - QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	29	17	12	23	15	8	6	2	4	4	2	2
007-009.....	791	356	435	666	289	377	125	67	58	114	59	55
010-018.....	4,268	2,800	1,468	2,618	1,662	956	1,647	1,138	509	1,430	992	438
010-012.....	3,314	2,307	1,007	2,040	1,382	658	1,273	925	348	1,105	808	297
013-018.....	986	512	474	601	295	306	383	217	166	333	188	145
033.....	12	4	8	9	3	6	3	1	2	3	1	2
034-035.....	30	10	20	24	7	17	6	3	3	6	3	3
036.....	234	123	111	177	85	92	57	38	19	51	33	18
038.....	104,255	48,836	55,419	84,979	39,403	45,576	19,266	9,426	9,840	17,711	8,602	9,109
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	73	41	32	49	29	20	24	12	12	12	5	7
070.....	2,339	1,441	898	1,798	1,113	685	540	327	213	354	198	156
090-097.....	364	206	158	153	85	68	211	121	90	202	116	86
REM. 001-1392/...	41,174	31,744	9,430	29,645	23,321	6,324	11,522	8,417	3,105	11,000	8,040	2,960
140-208.....	568,844	304,537	264,307	498,672	265,098	233,574	70,105	39,404	30,701	62,909	35,394	27,515

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	10,143	6,822	3,321	8,442	5,542	2,900	1,699	1,279	420	1,511	1,149	362
150-159.....	136,118	72,188	63,930	117,182	61,842	55,340	18,915	10,336	8,579	16,420	8,813	7,607
160-165.....	159,944	104,228	55,716	141,161	91,078	50,083	18,766	13,139	5,627	17,126	12,056	5,070
174-175.....	52,193	342	51,851	46,291	282	46,009	5,899	60	5,839	5,398	57	5,341
179-187.....	71,573	44,002	27,571	61,029	37,105	23,924	10,537	6,895	3,642	9,784	6,525	3,259
188-189.....	25,847	16,923	8,924	23,552	15,582	7,970	2,294	1,340	954	2,099	1,215	884
170-173, 190-199.	184,255	96,060	88,195	162,061	84,069	77,992	22,175	11,982	10,193	20,018	10,838	9,180
204-208.....	23,114	12,819	10,295	20,941	11,627	9,314	2,167	1,190	977	1,872	1,018	854
200-203.....	35,386	18,755	16,631	31,610	16,690	14,920	3,769	2,059	1,710	3,350	1,824	1,526
210-239.....	12,635	5,730	6,905	11,155	5,087	6,068	1,479	642	837	1,315	568	747
250.....	162,566	73,002	89,564	136,531	62,482	74,049	26,023	10,511	15,512	23,239	9,127	14,112
260-269.....	30,475	14,076	16,399	26,082	11,665	14,417	4,391	2,410	1,981	3,952	2,166	1,786
280-285.....	42,102	19,199	22,903	34,643	15,497	19,146	7,457	3,702	3,755	6,847	3,376	3,471
320-322.....	2,682	1,468	1,214	1,952	1,054	898	729	414	315	675	389	286
390-448.....	1,313,528	643,442	670,086	1,147,297	560,488	586,809	166,100	82,879	83,221	150,112	73,922	76,190

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,131,778	565,719	566,059	990,231	494,191	496,040	141,431	71,460	69,971	127,824	63,684	64,140
390-398.....	10,583	3,506	7,077	9,657	3,180	6,477	922	326	596	731	259	472
402.....	38,203	16,629	21,574	28,570	12,102	16,468	9,628	4,523	5,105	9,140	4,262	4,878
404.....	3,503	1,486	2,017	2,495	1,053	1,442	1,007	433	574	969	415	554
410-414.....	601,721	311,020	290,701	545,494	282,925	262,569	56,179	28,065	28,114	50,261	24,554	25,707
410.....	270,674	146,454	124,220	243,827	132,770	111,057	26,825	13,669	13,156	24,136	12,070	12,066
411.....	7,667	4,393	3,274	6,665	3,835	2,830	1,002	558	444	906	494	412
413.....	6,021	2,728	3,293	5,546	2,522	3,024	475	206	269	429	180	249
412, 414.....	439,350	224,184	215,166	401,260	205,342	195,918	38,056	18,821	19,235	33,746	16,252	17,494
424.....	28,679	12,810	15,869	26,409	11,751	14,658	2,269	1,059	1,210	1,981	901	1,080
415-423, 425-429.	830,666	407,202	423,464	721,762	352,604	369,158	108,813	54,547	54,266	98,011	48,456	49,555
401, 403.....	112,196	47,039	65,157	90,635	37,633	53,002	21,551	9,403	12,148	19,699	8,448	11,251
430-438.....	255,545	105,290	150,255	220,950	89,810	131,140	34,566	15,469	19,097	30,970	13,696	17,274
431-432.....	29,312	13,613	15,699	23,975	10,836	13,139	5,331	2,774	2,557	4,527	2,337	2,190
434.0, 434.9.....	29,681	12,062	17,619	25,845	10,382	15,463	3,832	1,677	2,155	3,454	1,498	1,956

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.1.....	2,177	903	1,274	1,990	809	1,181	187	94	93	162	82	80
430, 433, 435-438	202,787	81,966	120,821	176,614	70,662	105,952	26,153	11,299	14,854	23,650	10,112	13,538
440.....	90,026	38,111	51,915	81,963	34,585	47,378	8,062	3,526	4,536	7,289	3,119	4,170
441-448.....	47,174	26,599	20,575	42,524	24,213	18,311	4,647	2,384	2,263	4,144	2,081	2,063
466.....	2,244	1,067	1,177	2,075	969	1,106	169	98	71	145	86	59
480-487.....	208,111	105,847	102,264	185,038	92,527	92,511	23,058	13,312	9,746	20,255	11,676	8,579
480-486.....	205,212	104,689	100,523	182,294	91,440	90,854	22,903	13,241	9,662	20,115	11,609	8,506
487.....	2,899	1,158	1,741	2,744	1,087	1,657	155	71	84	140	67	73
490-496.....	201,225	120,528	80,697	186,195	110,696	75,499	15,021	9,826	5,195	13,215	8,608	4,607
490-491.....	8,254	4,276	3,978	7,671	3,940	3,731	582	336	246	486	282	204
492.....	32,791	20,766	12,025	30,814	19,293	11,521	1,976	1,472	504	1,739	1,291	448
493.....	10,513	4,110	6,403	8,476	3,192	5,284	2,036	917	1,119	1,777	781	996
494-496.....	150,795	91,944	58,851	140,246	84,773	55,473	10,542	7,166	3,376	9,303	6,308	2,995
531-533.....	16,526	8,468	8,058	14,674	7,394	7,280	1,852	1,074	778	1,560	905	655
540-543.....	811	459	352	681	384	297	130	75	55	116	68	48

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
550-553, 560.....	19,352	7,347	12,005	16,912	6,214	10,698	2,435	1,131	1,304	2,245	1,028	1,217
571.....	39,639	25,801	13,838	33,102	21,576	11,526	6,533	4,224	2,309	5,584	3,638	1,946
574-575.....	7,483	3,248	4,235	6,750	2,973	3,777	733	275	458	600	213	387
580-589.....	118,030	61,927	56,103	97,688	51,616	46,072	20,327	10,302	10,025	18,431	9,270	9,161
580-581.....	1,261	641	620	1,074	548	526	187	93	94	170	82	88
582-583, 587...	4,833	2,686	2,147	3,793	2,074	1,719	1,038	611	427	955	557	398
584-586, 588-589.....	113,395	59,374	54,021	94,030	49,630	44,400	19,352	9,736	9,616	17,531	8,752	8,779
590.....	2,960	1,050	1,910	2,574	882	1,692	386	168	218	346	153	193
600.....	1,948	1,948	...	1,725	1,725	...	223	223	...	201	201	...
630-676.....	402	...	402	209	...	209	192	...	192	176	...	176
630-638.....	61	...	61	27	...	27	34	...	34	33	...	33
640-676.....	342	...	342	182	...	182	159	...	159	144	...	144
740-759.....	17,522	9,377	8,145	14,197	7,615	6,582	3,319	1,759	1,560	2,818	1,502	1,316
760-779.....	23,306	13,269	10,037	14,628	8,412	6,216	8,670	4,854	3,816	8,055	4,502	3,553
767-769.....	5,603	3,302	2,301	3,696	2,193	1,503	1,903	1,106	797	1,763	1,025	738

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-766, 770-779.....	22,721	12,930	9,791	14,206	8,176	6,030	8,507	4,751	3,756	7,914	4,412	3,502
780-799.....	395,897	199,377	196,520	341,781	170,134	171,647	54,066	29,212	24,854	48,108	25,801	22,307
RESIDUAL.....	592,509	284,618	307,891	513,246	243,175	270,071	79,191	41,404	37,787	71,006	36,858	34,148
E800-E949.....	152,922	92,419	60,503	131,241	78,239	53,002	21,649	14,160	7,489	18,276	11,894	6,382
E810-E825.....	47,701	33,031	14,670	40,432	27,840	12,592	7,251	5,182	2,069	5,645	4,105	1,540
E800-E807, E826-E949.....	105,575	59,649	45,926	91,111	50,618	40,493	14,450	9,020	5,430	12,671	7,822	4,849
E950-E959.....	31,072	24,849	6,223	28,233	22,557	5,676	2,831	2,285	546	2,126	1,749	377
E960-E978.....	25,104	19,716	5,388	12,262	9,218	3,044	12,830	10,488	2,342	12,201	10,018	2,183
E980-E999.....	2,581	1,869	712	1,975	1,426	549	605	442	163	526	384	142
N800-N999.....	198,628	131,816	66,812	162,061	105,212	56,849	36,515	26,566	9,949	31,924	23,357	8,567
N800-N848.....	32,115	16,046	16,069	29,153	14,204	14,949	2,961	1,841	1,120	2,431	1,514	917
N850-N854.....	34,322	24,725	9,597	28,533	20,365	8,168	5,777	4,350	1,427	4,813	3,651	1,162
N860-N869.....	22,213	16,508	5,705	17,398	12,632	4,766	4,809	3,870	939	4,240	3,461	779
N870-N897.....	41,691	34,916	6,775	28,680	23,826	4,854	12,998	11,079	1,919	12,177	10,421	1,756

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904.....	4,313	3,296	1,017	3,117	2,295	822	1,193	998	195	1,079	908	171
N905-N909.....	3,150	1,822	1,328	2,755	1,560	1,195	395	262	133	344	238	106
N910-N929.....	1,537	1,050	487	1,296	879	417	241	171	70	198	139	59
N930-N939.....	14,110	7,581	6,529	11,914	6,299	5,615	2,195	1,282	913	1,948	1,114	834
N940-N949.....	3,639	2,471	1,168	2,723	1,880	843	916	591	325	837	536	301
N950-N957.....	1,899	1,404	495	1,477	1,064	413	422	340	82	379	309	70
N958-N959.....	32,937	22,492	10,445	26,939	18,170	8,769	5,982	4,313	1,669	4,912	3,595	1,317
N960-N995.....	34,511	24,025	10,486	27,789	19,430	8,359	6,714	4,588	2,126	5,658	3,827	1,831
N996-N999.....	24,792	13,290	11,502	21,761	11,740	10,021	3,026	1,546	1,480	2,711	1,354	1,357
*042-*044 ^{3/}	27,926	24,734	3,192	18,994	17,678	1,316	8,928	7,053	1,875	8,690	6,843	1,847

^{1/} INCLUDES BLACK
^{2/} INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
^{3/} INCLUDED IN REM. 001-139.
 - QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION)

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES.....	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	294,941	162,447	132,494	265,498	145,359	120,139
004, 006.....	15	5	10	11	5	6	4	-	4	2	-	2
007-009.....	415	180	235	342	141	201	73	39	34	67	34	33
010-018.....	1,810	1,147	663	1,033	630	403	775	517	258	668	446	222
010-012.....	1,378	907	471	812	518	294	566	389	177	491	341	150
013-018.....	432	240	192	221	112	109	209	128	81	177	105	72
033.....	12	4	8	9	3	6	3	1	2	3	1	2
034-035.....	14	6	8	12	4	8	2	2	-	2	2	-
036.....	215	113	102	166	80	86	49	33	16	43	28	15
038.....	19,169	8,542	10,627	15,456	6,786	8,670	3,709	1,753	1,956	3,465	1,624	1,841
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	64	34	30	43	23	20	21	11	10	10	5	5
070.....	1,578	927	651	1,265	755	510	312	171	141	212	105	107
090-097.....	106	63	43	41	21	20	65	42	23	64	41	23
REM. 001-139 ^{2/} ...	32,214	26,301	5,913	22,658	19,131	3,527	9,552	7,167	2,385	9,198	6,890	2,308

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208.....	505,322	268,283	237,039	441,585	232,608	208,977	63,675	35,645	28,030	57,077	31,995	25,082
140-149.....	8,405	5,636	2,769	6,918	4,515	2,403	1,486	1,121	365	1,311	1,000	311
150-159.....	120,765	63,920	56,845	103,530	54,515	49,015	17,214	9,395	7,819	14,933	8,001	6,932
160-165.....	146,386	94,950	51,436	128,927	82,714	46,213	17,443	12,226	5,217	15,913	11,219	4,694
174-175.....	43,663	272	43,391	38,513	227	38,286	5,147	45	5,102	4,703	44	4,659
179-187.....	57,487	32,929	24,558	48,635	27,412	21,223	8,846	5,516	3,330	8,195	5,226	2,969
188-189.....	20,654	13,181	7,473	18,694	12,047	6,647	1,960	1,134	826	1,792	1,029	763
170-173, 190-199.....	60,221	31,891	28,330	53,613	28,366	25,247	6,604	3,522	3,082	5,866	3,130	2,736
204-208.....	18,574	10,192	8,382	16,722	9,189	7,533	1,846	1,001	845	1,591	854	737
200-203.....	29,167	15,312	13,855	26,033	13,623	12,410	3,129	1,685	1,444	2,773	1,492	1,281
210-239.....	6,752	3,012	3,740	5,908	2,658	3,250	843	353	490	747	316	431
250.....	47,664	20,266	27,398	38,696	16,817	21,879	8,964	3,445	5,519	8,114	3,049	5,065
260-269.....	3,017	1,108	1,909	2,546	903	1,643	471	205	266	433	189	244
280-285.....	4,092	1,770	2,322	3,136	1,274	1,862	956	496	460	887	460	427
320-322.....	1,017	545	472	705	371	334	312	174	138	284	159	125

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-448	916,007	442,737	473,270	807,688	389,824	417,864	108,232	52,864	55,368	98,068	47,209	50,859
390-398, 402, 404-429	720,058	360,788	359,270	637,364	319,362	318,002	82,622	41,382	41,240	75,111	37,038	38,073
390-398	6,018	1,830	4,188	5,483	1,655	3,828	532	175	357	436	146	290
402	21,072	8,822	12,250	15,165	6,077	9,088	5,903	2,742	3,161	5,636	2,608	3,028
404	2,377	959	1,418	1,648	648	1,000	729	311	418	707	300	407
410-414	489,171	252,597	236,574	443,859	229,937	213,922	45,268	22,632	22,636	40,571	19,858	20,713
410	239,008	129,483	109,525	216,252	117,850	98,402	22,734	11,618	11,116	20,436	10,260	10,176
411	3,333	1,968	1,365	2,807	1,667	1,140	526	301	225	479	272	207
413	1,070	443	627	959	391	568	111	52	59	103	48	55
412, 414	245,760	120,703	125,057	223,841	110,029	113,812	21,897	10,661	11,236	19,553	9,278	10,275
424	13,004	5,500	7,504	11,951	5,023	6,928	1,052	477	575	924	414	510
415-423, 425-429	188,416	91,080	97,336	159,258	76,022	83,236	29,138	15,045	14,093	26,837	13,712	13,125
401, 403	9,169	3,833	5,336	6,960	2,862	4,098	2,209	971	1,238	2,109	919	1,190
430-438	144,088	56,697	87,391	124,526	48,024	76,502	19,549	8,670	10,879	17,407	7,653	9,754

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	20,575	9,227	11,348	16,776	7,252	9,524	3,796	1,974	1,822	3,227	1,665	1,562
434.0, 434.9.	18,261	7,032	11,229	16,079	6,087	9,992	2,182	945	1,237	1,977	851	1,126
434.1.....	651	263	388	604	240	364	47	23	24	39	20	19
430, 433, 435-438.....	104,601	40,175	64,426	91,067	34,445	56,622	13,524	5,728	7,796	12,164	5,117	7,047
440.....	18,047	6,859	11,188	16,547	6,232	10,315	1,500	627	873	1,380	563	817
441-448.....	24,645	14,560	10,085	22,291	13,344	8,947	2,352	1,214	1,138	2,061	1,036	1,025
466.....	633	269	364	559	233	326	74	36	38	64	33	31
480-487.....	79,513	36,898	42,615	70,806	32,101	38,705	8,697	4,793	3,904	7,563	4,161	3,402
480-486.....	77,415	36,099	41,316	68,807	31,350	37,457	8,598	4,745	3,853	7,473	4,115	3,358
487.....	2,098	799	1,299	1,999	751	1,248	99	48	51	90	46	44
490-496.....	86,679	49,416	37,263	80,179	45,234	34,945	6,498	4,181	2,317	5,655	3,628	2,027
490-491.....	3,600	1,878	1,722	3,365	1,726	1,639	235	152	83	190	125	65
492.....	15,706	9,408	6,298	14,828	8,769	6,059	878	639	239	763	552	211
493.....	4,819	1,885	2,934	3,696	1,358	2,338	1,122	526	596	986	460	526
494-496.....	62,554	36,245	26,309	58,290	33,381	24,909	4,263	2,864	1,399	3,716	2,491	1,225

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
531-533.....	6,186	2,973	3,213	5,517	2,594	2,923	669	379	290	582	332	250
540-543.....	438	257	181	357	212	145	81	45	36	71	39	32
550-553, 560.....	5,838	2,132	3,706	5,089	1,787	3,302	745	343	402	697	319	378
571.....	25,815	16,627	9,188	21,478	13,889	7,589	4,336	2,737	1,599	3,753	2,393	1,360
574-575.....	3,022	1,280	1,742	2,722	1,156	1,566	300	124	176	244	96	148
580-589.....	20,764	10,005	10,759	16,571	8,021	8,550	4,189	1,983	2,206	3,855	1,806	2,049
580-581.....	296	145	151	249	118	131	47	27	20	42	24	18
582-583, 587...	1,521	763	758	1,191	590	601	329	173	156	300	156	144
584-586, 588-589.....	18,947	9,097	9,850	15,131	7,313	7,818	3,813	1,783	2,030	3,513	1,626	1,887
590.....	1,296	404	892	1,134	339	795	162	65	97	138	57	81
600.....	455	455	...	402	402	...	53	53	...	48	48	...
630-676.....	343	...	343	177	...	177	166	...	166	153	...	153
630-638.....	57	...	57	23	...	23	34	...	34	33	...	33
640-676.....	286	...	286	154	...	154	132	...	132	120	...	120
740-759.....	13,085	7,050	6,035	10,502	5,667	4,835	2,578	1,380	1,198	2,177	1,174	1,003

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-779.....	17,674	10,056	7,618	10,506	6,055	4,451	7,162	3,998	3,164	6,744	3,762	2,982
767-769.....	3,871	2,311	1,560	2,498	1,487	1,011	1,370	821	549	1,276	766	510
760-766, 770- 779.....	13,803	7,745	6,058	8,008	4,568	3,440	5,792	3,177	2,615	5,468	2,996	2,472
780-799.....	24,137	13,533	10,604	18,058	9,951	8,107	6,071	3,576	2,495	5,505	3,215	2,290
RESIDUAL.....	172,075	78,672	93,403	148,271	66,624	81,647	23,788	12,037	11,751	21,576	10,828	10,748
E800-E949.....	91,983	61,938	30,045	76,934	51,348	25,586	15,023	10,574	4,449	12,419	8,756	3,663
E810-E825.....	46,814	32,406	14,408	39,651	27,288	12,363	7,145	5,109	2,036	5,560	4,046	1,514
E800-E807, E826-E949.....	45,169	29,532	15,637	37,283	24,060	13,223	7,878	5,465	2,413	6,859	4,710	2,149
E950-E959.....	30,906	24,724	6,182	28,086	22,448	5,638	2,812	2,269	543	2,111	1,737	374
E960-E978.....	24,932	19,604	5,328	12,153	9,147	3,006	12,768	10,447	2,321	12,144	9,981	2,163
E980-E999.....	2,390	1,733	657	1,820	1,315	505	569	417	152	494	361	133
*042-*044 ^{3/}	25,188	22,386	2,802	17,255	16,106	1,149	7,931	6,279	1,652	7,730	6,097	1,633

^{1/} INCLUDES BLACK
^{2/} INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
^{3/} INCLUDED IN REM. 001-139.
- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	14	12	2	12	10	2	2	2	-	2	2	-
007-009.....	376	176	200	324	148	176	52	28	24	47	25	22
010-018.....	2,459	1,654	805	1,586	1,033	553	873	621	252	762	546	216
010-012.....	1,938	1,402	536	1,230	866	364	708	536	172	614	467	147
013-018.....	557	274	283	381	183	198	176	91	85	158	85	73
033.....	-	-	-	-	-	-	-	-	-	-	-	-
034-035.....	16	4	12	12	3	9	4	1	3	4	1	3
036.....	19	10	9	11	5	6	8	5	3	8	5	3
038.....	85,086	40,294	44,792	69,523	32,617	36,906	15,563	7,677	7,886	14,246	6,978	7,268
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	9	7	2	6	6	-	3	1	2	2	-	2
070.....	761	514	247	533	358	175	228	156	72	142	93	49
090-097.....	258	143	115	112	64	48	146	79	67	138	75	63
REM. 001 - 139 <u>2/</u> ...	8,970	5,449	3,521	6,995	4,196	2,799	1,975	1,253	722	1,804	1,150	654
140-208.....	63,528	36,258	27,270	57,092	32,493	24,599	6,436	3,765	2,671	5,833	3,400	2,433

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	1,738	1,186	552	1,524	1,027	497	214	159	55	200	149	51
150-159.....	15,356	8,271	7,085	13,654	7,329	6,325	1,702	942	760	1,488	813	675
160-165.....	13,560	9,278	4,282	12,235	8,364	3,871	1,325	914	411	1,214	837	377
174-175.....	8,531	70	8,461	7,779	55	7,724	752	15	737	695	13	682
179-187.....	14,086	11,073	3,013	12,394	9,693	2,701	1,692	1,380	312	1,589	1,299	290
188-189.....	5,193	3,742	1,451	4,858	3,535	1,323	335	207	128	307	186	121
170-173, 190-199..	124,034	64,169	59,865	108,448	55,703	52,745	15,586	8,466	7,120	14,152	7,708	6,444
204-208.....	4,543	2,630	1,913	4,221	2,440	1,781	322	190	132	282	165	117
200-203.....	6,219	3,443	2,776	5,577	3,067	2,510	642	376	266	577	332	245
210-239.....	5,885	2,719	3,166	5,248	2,429	2,819	637	290	347	569	253	316
250.....	114,903	52,737	62,166	97,836	45,666	52,170	17,067	7,071	9,996	15,125	6,078	9,047
260-269.....	27,477	12,973	14,504	23,552	10,766	12,786	3,925	2,207	1,718	3,522	1,978	1,544
280-285.....	38,010	17,429	20,581	31,507	14,223	17,284	6,503	3,206	3,297	5,960	2,916	3,044
320-322.....	1,667	924	743	1,248	684	564	419	240	179	392	230	162
390-448.....	397,673	200,783	196,890	339,724	170,730	168,994	57,949	30,053	27,896	52,077	26,725	25,352

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	411,768	204,971	206,797	352,902	174,861	178,041	58,866	30,110	28,756	52,726	26,654	26,072
390-398.....	4,568	1,676	2,892	4,177	1,525	2,652	391	151	240	295	113	182
402.....	17,331	7,864	9,467	13,562	6,069	7,493	3,769	1,795	1,974	3,544	1,666	1,878
404.....	1,463	655	808	1,097	500	597	366	155	211	346	146	200
410-414.....	112,555	58,425	54,130	101,638	52,989	48,649	10,917	5,436	5,481	9,692	4,697	4,995
410.....	31,669	16,972	14,697	27,578	14,921	12,657	4,091	2,051	2,040	3,700	1,810	1,890
411.....	4,334	2,425	1,909	3,858	2,168	1,690	476	257	219	427	222	205
413.....	4,951	2,285	2,666	4,587	2,131	2,456	364	154	210	326	132	194
412, 414.....	193,594	103,484	90,110	177,421	95,315	82,106	16,173	8,169	8,004	14,195	6,975	7,220
424.....	15,675	7,310	8,365	14,458	6,728	7,730	1,217	582	635	1,057	487	570
415-423, 425- 429.....	642,307	316,167	326,140	562,547	276,619	285,928	79,760	39,548	40,212	71,188	34,752	36,436
401, 403.....	103,118	43,246	59,872	83,749	34,803	48,946	19,369	8,443	10,926	17,606	7,537	10,069
430-438.....	111,462	48,595	62,867	96,429	41,788	54,641	15,033	6,807	8,226	13,563	6,043	7,520
431-432.....	8,745	4,388	4,357	7,204	3,585	3,619	1,541	803	738	1,303	673	630

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9....	11,420	5,030	6,390	9,766	4,295	5,471	1,654	735	919	1,477	647	830
434.1.....	1,526	640	886	1,386	569	817	140	71	69	123	62	61
430, 433, 435- 438.....	98,214	41,797	56,417	85,575	36,223	49,352	12,639	5,574	7,065	11,486	4,995	6,491
440.....	71,985	31,255	40,730	65,421	28,356	37,065	6,564	2,899	3,665	5,910	2,556	3,354
441-448.....	22,914	12,209	10,705	20,551	11,022	9,529	2,363	1,187	1,176	2,144	1,062	1,082
466.....	1,611	798	813	1,516	736	780	95	62	33	81	53	28
480-487.....	128,602	68,953	59,649	114,236	60,430	53,806	14,366	8,523	5,843	12,692	7,515	5,177
480-486.....	127,801	68,594	59,207	113,491	60,094	53,397	14,310	8,500	5,810	12,642	7,494	5,148
487.....	801	359	442	745	336	409	56	23	33	50	21	29
490-496.....	114,547	71,112	43,435	106,016	65,462	40,554	8,531	5,650	2,881	7,561	4,980	2,581
490-491.....	4,654	2,398	2,256	4,306	2,214	2,092	348	184	164	296	157	139
492.....	17,085	11,358	5,727	15,986	10,524	5,462	1,099	834	265	976	739	237
493.....	5,732	2,241	3,491	4,815	1,849	2,966	917	392	525	794	322	472
494-496.....	88,246	55,701	32,545	81,961	51,394	30,567	6,285	4,307	1,978	5,587	3,817	1,770
531-533.....	10,340	5,495	4,845	9,157	4,800	4,357	1,183	695	488	978	573	405

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	373	202	171	324	172	152	49	30	19	45	29	16
550-553, 560.....	13,514	5,215	8,299	11,823	4,427	7,396	1,691	788	903	1,548	709	839
571.....	14,082	9,352	4,730	11,805	7,816	3,989	2,277	1,536	741	1,902	1,292	610
574-575.....	4,461	1,968	2,493	4,028	1,817	2,211	433	151	282	356	117	239
580-589.....	97,284	51,929	45,355	81,129	43,599	37,530	16,155	8,330	7,825	14,581	7,466	7,115
580-581.....	969	497	472	828	430	398	141	67	74	129	59	70
582-583, 587.....	3,330	1,933	1,397	2,615	1,492	1,123	715	441	274	659	402	257
584-586, 588-589..	94,454	50,277	44,177	78,905	42,317	36,588	15,549	7,960	7,589	14,018	7,126	6,892
590.....	1,669	647	1,022	1,444	544	900	225	103	122	209	96	113
600.....	1,493	1,493	...	1,323	1,323	...	170	170	...	153	153	...
630-676.....	59	...	59	32	...	32	27	...	27	23	...	23
630-638.....	5	...	5	4	...	4	1	...	1	1	...	1
640-676.....	56	...	56	28	...	28	28	...	28	24	...	24
740-759.....	4,447	2,332	2,115	3,704	1,952	1,752	743	380	363	641	328	313
760-779.....	5,632	3,213	2,419	4,122	2,357	1,765	1,510	856	654	1,311	740	571

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
767-769.....	1,732	991	741	1,198	706	492	534	285	249	487	259	228
760-766, 770-779..	8,918	5,185	3,733	6,198	3,608	2,590	2,720	1,577	1,143	2,446	1,416	1,030
780-799.....	371,761	185,845	185,916	323,724	160,184	163,540	48,037	25,661	22,376	42,603	22,586	20,017
RESIDUAL.....	422,157	206,823	215,334	366,427	177,259	189,168	55,730	29,564	26,166	49,676	26,182	23,494
E800-E949.....	60,943	30,482	30,461	54,309	26,892	27,417	6,634	3,590	3,044	5,859	3,138	2,721
E810-E815.....	888	626	262	782	553	229	106	73	33	85	59	26
E800-E807, E816- E949.....	60,409	30,117	30,292	53,829	26,558	27,271	6,580	3,559	3,021	5,814	3,112	2,702
E950-E959.....	166	125	41	147	109	38	19	16	3	15	12	3
E960-E978.....	172	112	60	109	71	38	63	41	22	57	37	20
E980-E999.....	191	136	55	155	111	44	36	25	11	32	23	9
N800-N999.....	198,628	131,816	66,812	162,061	105,212	56,849	36,567	26,604	9,963	31,924	23,357	8,567
N800-N848.....	32,115	16,046	16,069	29,153	14,204	14,949	2,962	1,842	1,120	2,431	1,514	917
N850-N854.....	34,322	24,725	9,597	28,533	20,365	8,168	5,789	4,360	1,429	4,813	3,651	1,162
N860-N869.....	22,213	16,508	5,705	17,398	12,632	4,766	4,815	3,876	939	4,240	3,461	779
N870-N897.....	41,691	34,916	6,775	28,680	23,826	4,854	13,011	11,090	1,921	12,177	10,421	1,756

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904.....	4,313	3,296	1,017	3,117	2,295	822	1,196	1,001	195	1,079	908	171
N905-N909.....	3,150	1,822	1,328	2,755	1,560	1,195	395	262	133	344	238	106
N910-N929.....	1,537	1,050	487	1,296	879	417	241	171	70	198	139	59
N930-N939.....	14,110	7,581	6,529	11,914	6,299	5,615	2,196	1,282	914	1,948	1,114	834
N940-N949.....	3,639	2,471	1,168	2,723	1,880	843	916	591	325	837	536	301
N950-N957.....	1,899	1,404	495	1,477	1,064	413	422	340	82	379	309	70
N958-N959.....	32,937	22,492	10,445	26,939	18,170	8,769	5,998	4,322	1,676	4,912	3,595	1,317
N960-N995.....	34,511	24,025	10,486	27,789	19,430	8,359	6,722	4,595	2,127	5,658	3,827	1,831
N996-N999.....	24,792	13,290	11,502	21,761	11,740	10,021	3,031	1,550	1,481	2,711	1,354	1,357
*O42-*O44 <u>3/</u>	2,765	2,370	395	1,759	1,587	172	1,006	783	223	967	753	214

1/ INCLUDES BLACK

2/ INCLUDES *O42-*O44 (HIV INFECTION) SHOWN SEPARATELY BELOW.

3/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION)

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	29	17	12	23	15	8	6	2	4	4	2	2
007-009.....	993	549	444	831	450	381	162	99	63	144	84	60
010-018.....	4,554	3,042	1,512	2,759	1,790	969	1,792	1,252	540	1,571	1,102	469
010-012.....	3,550	2,506	1,044	2,167	1,496	671	1,382	1,010	372	1,210	889	321
013-018.....	1,047	564	483	623	315	308	422	249	173	372	220	152
033.....	12	4	8	9	3	6	3	1	2	3	1	2
034-035.....	30	10	20	24	7	17	6	3	3	6	3	3
036.....	234	123	111	177	85	92	57	38	19	51	33	18
038.....	105,967	50,154	55,813	86,087	40,268	45,819	19,870	9,879	9,991	18,301	9,043	9,258
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	73	41	32	49	29	20	24	12	12	12	5	7
070.....	2,339	1,441	898	1,798	1,113	685	540	327	213	354	198	156
090-097.....	364	206	158	153	85	68	211	121	90	202	116	86
REM. 001-139 ^{2/} ..	41,814	32,024	9,790	30,173	23,545	6,628	11,634	8,473	3,161	11,101	8,090	3,011
140-208.....	571,662	307,296	264,366	501,130	267,517	233,613	70,465	39,744	30,721	63,237	35,702	27,535

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	10,143	6,822	3,321	8,442	5,542	2,900	1,699	1,279	420	1,511	1,149	362
150-159.....	136,119	72,189	63,930	117,183	61,843	55,340	18,915	10,336	8,579	16,420	8,813	7,607
160-165.....	159,943	104,227	55,716	141,160	91,077	50,083	18,766	13,139	5,627	17,126	12,056	5,070
174-175.....	52,193	342	51,851	46,291	282	46,009	5,899	60	5,839	5,398	57	5,341
179-187.....	71,574	44,002	27,572	61,030	37,105	23,925	10,537	6,895	3,642	9,784	6,525	3,259
188-189.....	25,847	16,923	8,924	23,552	15,582	7,970	2,294	1,340	954	2,099	1,215	884
170-173, 190- 199.....	186,704	98,308	88,396	164,206	86,040	78,166	22,479	12,259	10,220	20,296	11,090	9,206
204-208.....	23,115	12,819	10,296	20,941	11,627	9,314	2,168	1,190	978	1,873	1,018	855
200-203.....	36,313	19,634	16,679	32,419	17,467	14,952	3,887	2,161	1,726	3,460	1,918	1,542
210-239.....	12,928	5,885	7,043	11,405	5,223	6,182	1,522	661	861	1,355	586	769
250.....	162,566	73,002	89,564	136,531	62,482	74,049	26,023	10,511	15,512	23,239	9,127	14,112
260-269.....	31,269	14,537	16,732	26,738	12,039	14,699	4,529	2,497	2,032	4,084	2,249	1,835
280-285.....	42,170	19,243	22,927	34,696	15,530	19,166	7,472	3,713	3,759	6,862	3,387	3,475
320-322.....	2,695	1,476	1,219	1,960	1,059	901	734	417	317	678	390	288
390-448.....	1,315,046	644,188	670,858	1,148,551	561,121	587,430	166,364	82,992	83,372	150,362	74,033	76,329

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402,404-429.....	1,132,100	565,901	566,199	990,482	494,329	496,153	141,502	71,504	69,998	127,891	63,726	64,165
390-398.....	10,588	3,508	7,080	9,661	3,181	6,480	923	327	596	731	259	472
402.....	34,081	15,234	18,847	25,208	11,018	14,190	8,867	4,212	4,655	8,413	3,968	4,445
404.....	381	157	224	316	131	185	65	26	39	61	24	37
410-414.....	601,727	311,024	290,703	545,496	282,927	262,569	56,183	28,067	28,116	50,265	24,556	25,709
410.....	270,676	146,454	124,222	243,828	132,770	111,058	26,826	13,669	13,157	24,137	12,070	12,067
411.....	7,667	4,393	3,274	6,665	3,835	2,830	1,002	558	444	906	494	412
413.....	6,023	2,729	3,294	5,548	2,523	3,025	475	206	269	429	180	249
412, 414....	439,355	224,188	215,167	401,262	205,344	195,918	38,059	18,823	19,236	33,749	16,254	17,495
424.....	28,726	12,828	15,898	26,447	11,764	14,683	2,278	1,064	1,214	1,990	906	1,084
415-423, 425- 429.....	836,831	409,717	427,114	726,770	354,610	372,160	109,970	55,056	54,914	99,111	48,937	50,174
401, 403.....	122,420	50,944	71,476	98,360	40,474	57,886	24,049	10,467	13,582	22,087	9,457	12,630
430-438.....	255,597	105,307	150,290	221,007	89,831	131,176	34,561	15,465	19,096	30,967	13,693	17,274
431-432.....	30,048	13,880	16,168	24,593	11,064	13,529	5,449	2,813	2,636	4,627	2,370	2,257

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9.	29,912	12,143	17,769	26,064	10,458	15,606	3,844	1,682	2,162	3,463	1,502	1,961
434.1.....	2,177	903	1,274	1,990	809	1,181	187	94	93	162	82	80
430,433, 435- 438.....	208,249	84,290	123,959	181,421	72,673	108,748	26,808	11,612	15,196	24,232	10,385	13,847
440.....	98,750	42,070	56,680	90,059	38,255	51,804	8,690	3,815	4,875	7,830	3,356	4,474
441-448.....	53,597	29,882	23,715	47,917	27,066	20,851	5,677	2,814	2,863	5,097	2,485	2,612
466.....	2,507	1,201	1,306	2,310	1,087	1,223	196	114	82	170	100	70
480-487.....	212,589	109,002	103,587	188,515	94,969	93,546	24,058	14,024	10,034	21,192	12,341	8,851
480-486.....	210,742	108,278	102,464	186,772	94,289	92,483	23,954	13,980	9,974	21,099	12,301	8,798
487.....	2,899	1,158	1,741	2,744	1,087	1,657	155	71	84	140	67	73
490-496.....	201,329	120,576	80,753	186,292	110,742	75,550	15,028	9,828	5,200	13,222	8,610	4,612
490-491.....	8,322	4,303	4,019	7,734	3,965	3,769	587	338	249	491	284	207
492.....	34,356	21,725	12,631	32,303	20,196	12,107	2,052	1,528	524	1,803	1,338	465
493.....	10,658	4,187	6,471	8,610	3,264	5,346	2,047	922	1,125	1,787	786	1,001
494-496.....	158,162	96,071	62,091	147,078	88,548	58,530	11,077	7,518	3,559	9,754	6,608	3,146
531-533.....	16,527	8,469	8,058	14,675	7,395	7,280	1,852	1,074	778	1,560	905	655

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	811	459	352	681	384	297	130	75	55	116	68	48
550-553, 560.....	19,352	7,347	12,005	16,912	6,214	10,698	2,435	1,131	1,304	2,245	1,028	1,217
571.....	39,593	25,766	13,827	33,065	21,547	11,518	6,524	4,218	2,306	5,576	3,633	1,943
574-575.....	7,488	3,250	4,238	6,755	2,975	3,780	733	275	458	600	213	387
580-589.....	132,858	68,484	64,374	108,617	56,526	52,091	24,225	11,949	12,276	22,072	10,795	11,277
580-581.....	1,404	692	712	1,183	582	601	221	110	111	196	95	101
582-583, 587...	5,956	3,214	2,742	4,654	2,488	2,166	1,300	725	575	1,186	655	531
584-586, 588-589.....	127,474	65,580	61,894	104,402	54,270	50,132	23,058	11,302	11,756	21,006	10,207	10,799
590.....	3,123	1,102	2,021	2,715	925	1,790	408	177	231	365	160	205
600.....	1,948	1,948	...	1,725	1,725	...	223	223	...	201	201	...
630-676.....	402	...	402	209	...	209	192	...	192	176	...	176
630-638.....	61	...	61	27	...	27	34	...	34	33	...	33
640-676.....	342	...	342	182	...	182	159	...	159	144	...	144
740-759.....	17,586	9,405	8,181	14,251	7,638	6,613	3,329	1,764	1,565	2,823	1,505	1,318
760-779.....	23,337	13,286	10,051	14,651	8,426	6,225	8,678	4,857	3,821	8,062	4,504	3,558

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
767-769.....	5,622	3,315	2,307	3,711	2,204	1,507	1,907	1,108	799	1,767	1,027	740
760-766, 770- 779.....	22,742	12,940	9,802	14,220	8,183	6,037	8,514	4,754	3,760	7,920	4,414	3,506
780-799.....	400,603	201,272	199,331	345,672	171,725	173,947	54,881	29,516	25,365	48,854	26,077	22,777
RESIDUAL.....	620,354	298,613	321,741	536,376	254,779	281,597	83,905	43,795	40,110	75,216	38,974	36,242
E800-E949.....	152,922	92,419	60,503	131,241	78,239	53,002	21,649	14,160	7,489	18,276	11,894	6,382
E810-E825.....	47,701	33,031	14,670	40,432	27,840	12,592	7,251	5,182	2,069	5,645	4,105	1,540
E800-E807, E826-E949...	105,575	59,649	45,926	91,111	50,618	40,493	14,450	9,020	5,430	12,671	7,822	4,849
E950-E959.....	31,072	24,849	6,223	28,233	22,557	5,676	2,831	2,285	546	2,126	1,749	377
E960-E978.....	25,104	19,716	5,388	12,262	9,218	3,044	12,830	10,488	2,342	12,201	10,018	2,183
E980-E999.....	2,581	1,869	712	1,975	1,426	549	605	442	163	526	384	142
N800-N999.....	198,628	131,816	66,812	162,061	105,212	56,849	36,515	26,566	9,949	31,924	23,357	8,567
N800-N848.....	32,115	16,046	16,069	29,153	14,204	14,949	2,961	1,841	1,120	2,431	1,514	917
N850-N854.....	34,322	24,725	9,597	28,533	20,365	8,168	5,777	4,350	1,427	4,813	3,651	1,162
N860-N869.....	22,213	16,508	5,705	17,398	12,632	4,766	4,809	3,870	939	4,240	3,461	779

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1990

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS AND HIV INFECTION) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N870-N897.....	41,691	34,916	6,775	28,680	23,826	4,854	12,998	11,079	1,919	12,177	10,421	1,756
N900-N904.....	4,313	3,296	1,017	3,117	2,295	822	1,193	998	195	1,079	908	171
N905-N909.....	3,150	1,822	1,328	2,755	1,560	1,195	395	262	133	344	238	106
N910-N929.....	1,537	1,050	487	1,296	879	417	241	171	70	198	139	59
N930-N939.....	14,110	7,581	6,529	11,914	6,299	5,615	2,195	1,282	913	1,948	1,114	834
N940-N949.....	3,639	2,471	1,168	2,723	1,880	843	916	591	325	837	536	301
N950-N957.....	1,899	1,404	495	1,477	1,064	413	422	340	82	379	309	70
N958-N959.....	32,937	22,492	10,445	26,939	18,170	8,769	5,982	4,313	1,669	4,912	3,595	1,317
N960-N995.....	34,511	24,025	10,486	27,789	19,430	8,359	6,714	4,588	2,126	5,658	3,827	1,831
N996-N999.....	24,792	13,290	11,502	21,761	11,740	10,021	3,026	1,546	1,480	2,711	1,354	1,357
*O42-*O44 ^{3/}	27,927	24,735	3,192	18,995	17,679	1,316	8,928	7,053	1,875	8,690	6,843	1,847

^{1/} INCLUDES BLACK

^{2/} INCLUDES *O42-*O44 (HIV INFECTION) SHOWN SEPARATELY BELOW.

^{3/} INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF RESIDENT DEATHS TABULATED BY
5-YEAR AGE, RACE, AND SEX: UNITED STATES, 1990

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	294,941	162,447	132,494	265,498	145,359	120,139
UNDER 1 YR.....	38,351	21,856	16,495	24,883	14,371	10,512	13,456	7,479	5,977	12,290	6,811	5,479
01-04 YR.....	6,931	3,969	2,962	4,866	2,784	2,082	2,063	1,183	880	1,768	999	769
05-09 YR.....	3,995	2,363	1,632	2,949	1,750	1,199	1,043	612	431	876	512	364
10-14 YR.....	4,441	2,764	1,677	3,323	2,070	1,253	1,115	694	421	963	601	362
15-19 YR.....	15,711	11,671	4,040	11,678	8,515	3,163	4,029	3,154	875	3,467	2,737	730
20-24 YR.....	21,022	16,202	4,820	15,230	11,693	3,537	5,786	4,504	1,282	5,119	3,994	1,125
25-29 YR.....	26,579	19,794	6,785	19,018	14,309	4,709	7,553	5,478	2,075	6,838	4,949	1,889
30-34 YR.....	33,512	24,263	9,249	23,737	17,522	6,215	9,760	6,730	3,030	8,965	6,220	2,745
35-39 YR.....	39,093	27,601	11,492	27,949	20,054	7,895	11,133	7,543	3,590	10,175	6,910	3,265
40-44 YR.....	44,469	29,861	14,608	33,074	22,380	10,694	11,376	7,466	3,910	10,356	6,817	3,539
45-49 YR.....	51,856	33,097	18,759	39,788	25,485	14,303	12,054	7,603	4,451	10,920	6,931	3,989
50-54 YR.....	66,752	41,557	25,195	52,364	32,805	19,559	14,374	8,746	5,628	12,951	7,888	5,063
55-59 YR.....	97,865	60,527	37,338	79,196	49,456	29,740	18,646	11,057	7,589	16,852	10,055	6,797
60-64 YR.....	154,831	94,119	60,712	129,901	79,857	50,044	24,909	14,249	10,660	22,621	12,938	9,683
65-69 YR.....	217,333	128,356	88,977	186,667	111,237	75,430	30,644	17,103	13,541	27,665	15,350	12,315
70-74 YR.....	260,616	147,711	112,905	229,536	130,930	98,606	31,059	16,769	14,290	28,022	15,000	13,022
75-79 YR.....	301,114	157,873	143,241	269,085	141,699	127,386	32,008	16,159	15,849	28,681	14,235	14,446
80-84 YR.....	300,325	137,533	162,792	272,644	124,811	147,833	27,658	12,712	14,946	24,756	11,058	13,698
85 AND OVER.....	463,105	151,897	311,208	426,982	138,807	288,175	36,097	13,080	23,017	32,047	11,236	20,811
NOT STATED.....	562	403	159	384	277	107	178	126	52	166	118	48

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1990

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
UNITED STATES.....	2,148,463	1,113,417	1,035,046	1,853,254	950,812	902,442	294,941	162,447	132,494	265,498	145,359	120,139
ALABAMA.....	39,381	20,685	18,696	28,721	15,086	13,635	10,659	5,599	5,060	10,606	5,564	5,042
ALASKA.....	2,188	1,405	783	1,517	978	539	670	426	244	59	30	29
ARIZONA.....	28,789	15,875	12,914	26,764	14,646	12,118	2,023	1,228	795	709	413	296
ARKANSAS.....	24,652	13,043	11,609	20,502	10,827	9,675	4,149	2,215	1,934	4,104	2,188	1,916
CALIFORNIA.....	214,369	113,133	101,236	187,220	97,698	89,522	27,112	15,416	11,696	17,473	9,805	7,668
COLORADO.....	21,583	11,174	10,409	20,661	10,659	10,002	922	515	407	731	414	317
CONNECTICUT.....	27,607	13,658	13,949	25,662	12,573	13,089	1,919	1,069	850	1,845	1,017	828
DELAWARE.....	5,764	2,904	2,860	4,783	2,378	2,405	980	526	454	954	508	446
DISTRICT OF COLUMBIA.....	7,313	4,005	3,308	1,718	886	832	5,586	3,115	2,471	5,553	3,097	2,456
FLORIDA.....	134,385	72,791	61,594	119,380	64,378	55,002	15,004	8,412	6,592	14,688	8,211	6,477
GEORGIA.....	51,810	27,335	24,475	37,063	19,462	17,601	14,746	7,873	6,873	14,586	7,785	6,801
HAWAII.....	6,782	3,946	2,836	2,015	1,149	866	4,767	2,797	1,970	48	30	18
IDAHO.....	7,452	4,060	3,392	7,364	4,005	3,359	88	55	33	8	4	4
ILLINOIS.....	103,006	52,386	50,620	86,406	43,134	43,272	16,597	9,251	7,346	16,051	8,919	7,132
INDIANA.....	49,569	25,198	24,371	45,756	23,135	22,621	3,811	2,062	1,749	3,743	2,018	1,725
IOWA.....	26,884	13,374	13,510	26,476	13,160	13,316	407	213	194	349	184	165
KANSAS.....	22,279	11,200	11,079	21,048	10,531	10,517	1,221	662	559	1,083	585	498
KENTUCKY.....	35,078	18,310	16,768	32,438	16,953	15,485	2,638	1,355	1,283	2,598	1,339	1,259
LOUISIANA.....	37,571	19,797	17,774	25,414	13,182	12,232	12,148	6,610	5,538	12,016	6,530	5,486
MAINE.....	11,106	5,593	5,513	11,046	5,556	5,490	58	36	22	13	10	3
MARYLAND.....	38,413	19,727	18,686	28,911	14,401	14,510	9,487	5,315	4,172	9,186	5,143	4,043
MASSACHUSETTS.....	53,179	25,616	27,563	50,908	24,361	26,547	2,257	1,245	1,012	1,932	1,061	871

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1990 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MICHIGAN.....	78,744	40,634	38,110	66,410	33,761	32,649	12,329	6,871	5,458	11,764	6,572	5,192
MINNESOTA.....	34,776	17,600	17,176	33,807	16,997	16,810	969	603	366	516	326	190
MISSISSIPPI.....	25,127	13,354	11,773	16,179	8,559	7,620	8,948	4,795	4,153	8,880	4,762	4,118
MISSOURI.....	50,377	25,450	24,927	44,912	22,512	22,400	5,432	2,925	2,507	5,294	2,858	2,436
MONTANA.....	6,861	3,594	3,267	6,511	3,403	3,108	348	190	158	17	11	6
NEBRASKA.....	14,769	7,520	7,249	14,272	7,261	7,011	497	259	238	394	208	186
NEVADA.....	9,318	5,366	3,952	8,618	4,938	3,680	697	425	272	514	316	198
NEW HAMPSHIRE.....	8,488	4,319	4,169	8,446	4,296	4,150	42	23	19	32	17	15
NEW JERSEY.....	70,383	35,394	34,989	60,661	30,107	30,554	9,699	5,273	4,426	9,071	4,924	4,147
NEW MEXICO.....	10,625	5,813	4,812	9,688	5,254	4,434	937	559	378	188	112	76
NEW YORK.....	168,936	85,657	83,279	142,293	70,898	71,395	26,626	14,748	11,878	24,963	13,777	11,186
NORTH CAROLINA.....	57,315	30,288	27,027	43,417	22,672	20,745	13,892	7,613	6,279	13,388	7,358	6,030
NORTH DAKOTA.....	5,678	3,048	2,630	5,502	2,945	2,557	176	103	73	9	5	4
OHIO.....	98,822	49,648	49,174	88,015	43,910	44,105	10,800	5,732	5,068	10,639	5,644	4,995
OKLAHOMA.....	30,378	15,459	14,919	27,388	13,869	13,519	2,988	1,589	1,399	1,896	982	914
OREGON.....	25,136	13,107	12,029	24,416	12,685	11,731	712	416	296	348	201	147
PENNSYLVANIA.....	121,951	61,191	60,760	110,096	54,849	55,247	11,850	6,340	5,510	11,522	6,160	5,362
RHODE ISLAND.....	9,576	4,669	4,907	9,228	4,471	4,757	348	198	150	297	169	128
SOUTH CAROLINA.....	29,715	15,765	13,950	20,254	10,633	9,621	9,461	5,132	4,329	9,425	5,112	4,313
SOUTH DAKOTA.....	6,326	3,363	2,963	5,891	3,093	2,798	435	270	165	9	5	4
TENNESSEE.....	46,315	24,410	21,905	38,439	20,278	18,161	7,876	4,132	3,744	7,806	4,095	3,711
TEXAS.....	125,479	67,342	58,137	108,166	57,682	50,484	17,309	9,657	7,652	16,675	9,296	7,379
UTAH.....	9,192	4,976	4,216	8,962	4,838	4,124	229	137	92	62	36	26
VERMONT.....	4,595	2,325	2,270	4,584	2,318	2,266	11	7	4	5	3	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1990 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VIRGINIA.....	48,013	25,017	22,996	37,357	19,112	18,245	10,646	5,897	4,749	10,388	5,751	4,637
WASHINGTON.....	37,087	19,246	17,841	35,190	18,123	17,067	1,895	1,122	773	875	557	318
WEST VIRGINIA.....	19,385	10,227	9,158	18,585	9,785	8,800	799	441	358	785	432	353
WISCONSIN.....	42,733	21,711	21,022	41,076	20,759	20,317	1,656	952	704	1,383	806	577
WYOMING.....	3,203	1,709	1,494	3,118	1,666	1,452	85	43	42	18	9	9

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1990

(DEATHS BY STATE OF OCCURRENCE INCLUDE FOREIGN RESIDENTS)

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
UNITED STATES.....	2,148,463	216,654	178,727	185,875	174,263	174,553	168,999	171,338	168,427	165,934	177,472	176,508	189,713
ALABAMA.....	39,050	4,083	3,082	3,321	3,262	3,110	3,089	3,116	3,123	3,022	3,181	3,257	3,404
ALASKA.....	2,192	167	186	176	169	163	193	213	191	191	179	174	190
ARIZONA.....	29,260	3,207	2,583	2,597	2,357	2,334	2,272	2,147	2,182	2,089	2,388	2,426	2,678
ARKANSAS.....	24,566	2,463	1,898	2,120	2,008	2,049	2,064	1,936	1,924	1,900	2,038	2,013	2,153
CALIFORNIA.....	214,383	21,049	18,579	18,505	16,907	17,329	16,903	17,325	16,929	16,441	17,278	17,311	19,827
COLORADO.....	21,928	2,270	1,760	1,804	1,736	1,719	1,712	1,698	1,760	1,753	1,878	1,860	1,978
CONNECTICUT.....	27,686	2,891	2,234	2,363	2,274	2,200	2,199	2,257	2,058	2,121	2,214	2,371	2,504
DELAWARE.....	5,888	557	516	520	484	431	458	477	448	464	496	528	509
DISTRICT OF COLUMBIA.....	9,174	947	765	794	732	677	704	740	713	687	756	807	852
FLORIDA.....	134,683	13,743	11,241	12,469	11,266	11,015	10,403	10,481	10,350	10,097	10,619	10,958	12,041
GEORGIA.....	52,431	5,553	4,108	4,493	4,339	4,320	3,996	4,253	4,151	4,054	4,175	4,335	4,654
HAWAII.....	6,901	602	591	614	574	594	535	612	551	537	579	545	567
IDAHO.....	7,210	767	575	558	568	591	580	575	562	590	649	588	607
ILLINOIS.....	100,097	10,079	8,231	8,539	8,155	8,158	7,835	7,715	7,961	7,907	8,654	8,124	8,739
INDIANA.....	50,212	4,965	4,149	4,256	4,098	4,097	4,037	4,032	3,877	3,880	4,213	4,175	4,433
IOWA.....	26,570	2,623	2,349	2,281	2,044	2,119	2,042	2,098	2,057	2,102	2,213	2,258	2,384
KANSAS.....	21,629	2,347	1,885	1,922	1,747	1,701	1,707	1,666	1,655	1,661	1,820	1,678	1,840
KENTUCKY.....	34,494	3,399	2,822	3,001	2,899	2,839	2,789	2,671	2,666	2,676	2,941	2,840	2,951
LOUISIANA.....	37,988	3,994	3,071	3,300	3,025	2,976	2,963	3,037	3,064	2,992	3,125	3,047	3,394
MAINE.....	11,042	1,067	969	904	866	934	884	939	866	900	867	923	923
MARYLAND.....	37,538	3,692	3,124	3,225	3,086	3,026	2,954	3,043	2,993	2,864	3,116	3,192	3,223
MASSACHUSETTS.....	53,798	5,554	4,555	4,740	4,473	4,413	4,181	4,264	4,050	4,130	4,371	4,499	4,568
MICHIGAN.....	77,591	7,301	6,489	6,670	6,385	6,341	6,089	6,218	6,218	6,156	6,614	6,477	6,633

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1990

(DEATHS BY STATE OF OCCURRENCE INCLUDE FOREIGN RESIDENTS) - CONTINUED

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
MINNESOTA.....	35,073	3,494	2,958	2,893	2,732	2,804	2,686	2,892	2,777	2,717	3,092	2,938	3,090
MISSISSIPPI.....	24,291	2,635	1,904	2,081	1,913	1,948	1,924	1,956	1,906	1,931	2,005	1,986	2,102
MISSOURI.....	51,776	5,474	4,374	4,537	4,061	4,174	4,116	4,115	4,033	3,935	4,213	4,138	4,606
MONTANA.....	6,822	650	512	559	549	519	572	573	578	530	618	561	601
NEBRASKA.....	15,000	1,547	1,304	1,314	1,158	1,208	1,102	1,264	1,125	1,109	1,264	1,202	1,403
NEVADA.....	10,039	996	824	882	821	803	800	797	815	737	798	806	960
NEW HAMPSHIRE.....	8,390	783	649	785	649	688	717	686	648	692	713	664	716
NEW JERSEY.....	68,540	7,019	5,756	5,885	5,635	5,684	5,308	5,371	5,319	5,218	5,508	5,754	6,083
NEW MEXICO.....	10,547	1,081	902	858	861	883	802	801	840	791	899	876	953
NEW YORK.....	167,365	16,729	13,810	14,596	13,626	13,442	13,137	13,376	13,267	12,912	13,816	13,940	14,714
NORTH CAROLINA.....	57,572	5,622	4,741	4,960	4,694	4,591	4,556	4,710	4,468	4,520	4,837	4,792	5,081
NORTH DAKOTA.....	6,028	638	505	562	515	488	496	431	448	466	527	451	501
OHIO.....	98,606	9,871	8,359	8,312	8,060	8,027	7,800	7,816	7,760	7,638	8,308	8,126	8,529
OKLAHOMA.....	29,328	3,184	2,438	2,488	2,314	2,451	2,353	2,331	2,208	2,230	2,402	2,387	2,542
OREGON.....	25,354	2,394	2,220	2,227	1,997	2,059	2,065	2,082	2,106	1,858	2,060	2,108	2,178
PENNSYLVANIA.....	122,689	11,956	10,063	10,814	10,115	9,983	9,732	9,818	9,503	9,723	10,168	10,238	10,576
RHODE ISLAND.....	9,687	941	777	859	806	818	773	807	743	731	794	789	849
SOUTH CAROLINA.....	28,875	2,781	2,333	2,458	2,367	2,444	2,265	2,274	2,289	2,277	2,430	2,321	2,636
SOUTH DAKOTA.....	6,382	651	549	521	522	526	496	532	517	463	534	514	557
TENNESSEE.....	49,350	5,066	3,893	4,233	4,020	4,011	3,881	4,083	3,948	3,850	4,033	4,057	4,275
TEXAS.....	126,613	13,783	10,340	10,698	10,171	10,582	9,964	9,994	9,871	9,676	10,280	10,074	11,180
UTAH.....	9,494	910	776	744	744	778	751	761	798	773	838	775	846
VERMONT.....	4,662	475	371	419	378	369	363	340	384	370	383	379	431
VIRGINIA.....	47,416	4,755	3,955	4,114	3,987	3,796	3,606	3,732	3,728	3,625	4,004	3,924	4,190
WASHINGTON.....	37,028	3,436	3,097	3,261	2,931	3,041	3,015	3,104	2,945	2,933	3,043	2,916	3,306

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1990

(DEATHS BY STATE OF OCCURRENCE INCLUDE FOREIGN RESIDENTS) - CONTINUED

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
WEST VIRGINIA.....	19,536	1,919	1,705	1,686	1,548	1,617	1,597	1,545	1,533	1,507	1,605	1,583	1,691
WISCONSIN.....	42,629	4,244	3,591	3,671	3,412	3,422	3,306	3,393	3,270	3,266	3,668	3,589	3,797
WYOMING.....	3,060	300	259	286	223	261	227	241	251	242	268	234	268

ST: 1 = Subtotal Limited: Sex: 1 = Males; 2 = Females
 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

282 Recode	S Limited Len- T Sex Age gth	Cause Title And ICD-9 Codes Included
00100	1	057 I. Infectious and parasitic diseases (001-139)
00200	1	040 Intestinal infectious diseases (001-009)
00300		054 Cholera and typhoid and paratyphoid fevers (001-002)
00400		019 Shigellosis (004)
00500		076 Other salmonella infections and other food poisoning (bacterial) (003,005)
00600		017 Amebiasis (006)
00700		066 Intestinal infections due to other specified organisms (007-008)
00800		041 Ill-defined intestinal infections (009)
00900	1	022 Tuberculosis (010-018)
01000		046 Tuberculosis of respiratory system (010-012)
01100		030 Other tuberculosis (013-018)
01200	1	047 Zoonotic and other bacterial diseases (020-041)
01300		019 Brucellosis (023)
01400		018 Diphtheria (032)
01500		022 Whooping cough (033)
01600		065 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
01700		031 Meningococcal infection (036)
01800		015 Tetanus (037)
01900	3	018 Septicemia (038)
02000		056 All other bacterial diseases (020-022,024-031,039-041)
02100	1	034 Viral diseases (*042-*044,045-079)
02200		027 Acute poliomyelitis (045)
02300		016 Smallpox (050)
02400		015 Measles (055)
02500		015 Rubella (056)
02600		040 Arthropod-borne encephalitis (062-064)
02700		023 Viral hepatitis (070)
02800		074 Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)
02900	1	058 Rickettsioses and other arthropod-borne diseases (080-088)
03000		042 Typhus and other rickettsioses (080-083)
03100		015 Malaria (084)
03200		046 All other arthropod-borne diseases (085-088)
03300	1	046 Syphilis and other venereal diseases (090-099)
03400	1	020 Syphilis (090-097)
03500		033 Cardiovascular syphilis (093)
03600		023 Neurosyphilis (094)
03700		040 All other syphilis (090-091,095-097)
03800		029 Gonococcal infections (098)
03900		031 Other venereal diseases (099)
04000	1	103 Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)
04100		019 Mycoses (110-118)
04200		025 Helminthiasis (120-129)
04300		036 Late effects of tuberculosis (137)
04400		043 Late effects of acute poliomyelitis (138)
04500		127 All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)
04600	1	033 II. Neoplasms (140-239)
04700	1	089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
04800	1	064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
04900		016 Of lip (140)
05000		019 Of tongue (141)
05100		026 Of pharynx (146-149.0)
05200		097 Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)

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***** Cause Subtotals are not Identified in this File *****

282 S Limited Len-

Recode T Sex Age gth Cause Title And ICD-9 Codes Included

05300	1	066	Malignant neoplasms of digestive organs and peritoneum (150-159)
05400		022	Of esophagus (150)
05500		020	Of stomach (151)
05600		048	Of small intestine, including duodenum (152)
05700	1	018	Of colon (153)
05800		075	Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)
05900		030	Descending colon (153.2)
06000		027	Sigmoid colon (153.3)
06100		056	Cecum, appendix, and ascending colon (153.4-153.6)
06200		048	Other and colon, unspecified (153.8-153.9)
06300		052	Of rectum, rectosigmoid junction, and anus (154)
06400	1	046	Of liver and intrahepatic bile ducts (155)
06500		028	Liver, primary (155.0)
06600		037	Intrahepatic bile ducts (155.1)
06700		058	Liver, not specified as primary or secondary (155.2)
06800		052	Of gallbladder and extrahepatic bile ducts (156)
06900		021	Of pancreas (157)
07000		120	Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)
07100	1	071	Malignant neoplasms of respiratory and intrathoracic organs (160-165)
07200		019	Of larynx (161)
07300		040	Of trachea, bronchus, and lung (162)
07400		107	Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)
07500	1	076	Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)
07600		041	Of bone and articular cartilage (170)
07700		045	Of connective and other soft tissue (171)
07800		026	Melanoma of skin (172)
07900		043	Other malignant neoplasms of skin (173)
08000	2	026	Of female breast (174)
08100	1	024	Of male breast (175)
08200	1	049	Malignant neoplasms of genital organs (179-187)
08300	2	025	Of cervix uteri (180)
08400	2	042	Of other parts of uterus (179,181-182)
08500	2	043	Of ovary and other uterine adnexa (183)
08600	2	056	Of other and unspecified female genital organs (184)
08700	1	021	Of prostate (185)
08800	1	019	Of testis (186)
08900	1	048	Of penis and other male genital organs (187)
09000	1	049	Malignant neoplasms of urinary organs (188-189)
09100		020	Of bladder (188)
09200		060	Of kidney and other and unspecified urinary organs (189)
09300	1	062	Malignant neoplasms of other and unspecified sites (190-199)
09400		016	Of eye (190)
09500		018	Of brain (191)
09600		058	Of other and unspecified parts of nervous system (192)
09700		080	Of thyroid gland and other endocrine glands and related structures (193-194)
09800		048	Of all other and unspecified sites (195-199)
09900	1	070	Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)
10000		043	Lymphosarcoma and reticulosarcoma (200)
10100		027	Hodgkin's disease (201)
10200		070	Other malignant neoplasms of lymphoid and histiocytic tissue (202)

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282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
10300				060	Multiple myeloma and immunoproliferative neoplasms (203)
10400	1			022	Leukemia (204-208)
10500				029	Lymphoid leukemia (204)
10600				028	Myeloid leukemia (205)
10700				030	Monocytic leukemia (206)
10800				046	Other and unspecified leukemia (207-208)
10900	1			108	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
11000	1			028	Benign neoplasms (210-229)
11100		2		038	Of female genital organs (218-221)
11200				062	Of eye, brain, and other parts of nervous system (224-225)
11300				064	Of all other and unspecified sites (210-217,222-223,226-229)
11400	1			029	Carcinoma in situ (230-234)
11500				044	Of breast and genitourinary system (233)
11600				052	Of all other and unspecified sites (230-232,234)
11700				043	Neoplasms of uncertain behavior (235-238)
11800				039	Neoplasms of unspecified nature (239)
11900	1			094	III. Endocrine, nutritional, and metabolic diseases and immunity disorders (240-279)
12000	1			073	Endocrine and metabolic diseases and immunity disorders (240-259,270-279)
12100				038	Disorders of thyroid gland (240-246)
12200				025	Diabetes mellitus (250)
12300				069	Disorders of the pituitary gland and its hypothalamic control (253)
12400				032	Diseases of thymus gland (254)
12500				035	Disorders of adrenal glands (255)
12600				025	Cystic fibrosis (277.0)
12700				017	Obesity (278.0)
12800				115	All other endocrine and metabolic diseases and immunity disorders (251-252,256-259,270-276,277.1-277.9,278.1-279)
12900	1			034	Nutritional deficiencies (260-269)
13000				028	Nutritional marasmus (261)
13100				046	Other protein-calorie malnutrition (262-263)
13200				050	All other nutritional deficiencies (260,264-269)
13300	1			067	IV. Diseases of blood and blood-forming organs (280-289)
13400	1			017	Anemias (280-285)
13500				030	Deficiency anemias (280-281)
13600				029	Hemolytic anemias (282-283)
13700				023	Aplastic anemia (284)
13800				037	Other and unspecified anemias (285)
13900				046	Purpura and other hemorrhagic conditions (287)
14000				066	All other diseases of blood and blood-forming organs (286,288-289)
14100	1			040	V. Mental disorders (290-319)
14200				055	Senile and presenile organic psychotic conditions (290)
14300				025	Alcoholic psychoses (291)
14400				029	All other psychoses (292-299)
14500				033	Alcohol dependence syndrome (303)
14600				021	Drug dependence (304)
14700				080	Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)
14800				028	Mental retardation (317-319)

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282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
14900	1			072	VI. Diseases of the nervous system and sense organs (320-389)
15000	1			040	Diseases of the nervous system (320-359)
15100				022	Meningitis (320-322)
15200				027	Parkinson's disease (332)
15300				092	Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)
15400				026	Multiple sclerosis (340)
15500				032	Infantile cerebral palsy (343)
15600				016	Epilepsy (345)
15700				068	Other diseases of the nervous system (323-326,341-342,344,346-359)
15800				041	Disorders of the eye and adnexa (360-379)
15900				049	Diseases of the ear and mastoid process (380-389)
16000	1			060	VII. Diseases of the circulatory system (390-459)
16100	1			053	Rheumatic fever and rheumatic heart disease (390-398)
16200				033	Acute rheumatic fever (390-392)
16300	1			043	Chronic rheumatic heart disease (393-398)
16400				034	Diseases of mitral valve (394)
16500				034	Diseases of aortic valve (395)
16600				046	Diseases of mitral and aortic valves (396)
16700				059	All other chronic rheumatic heart disease (393,397-398)
16800	1			030	Hypertensive disease (401-404)
16900				030	Essential hypertension (401)
17000				034	Hypertensive heart disease (402)
17100				034	Hypertensive renal disease (403)
17200				044	Hypertensive heart and renal disease (404)
17300	1			032	Ischemic heart disease (410-414)
17400				035	Acute myocardial infarction (410)
17500				064	Other acute and subacute forms of ischemic heart disease (411)
17600				023	Angina pectoris (413)
17700				087	Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
17800				043	Diseases of pulmonary circulation (415-417)
17900	1			038	Other forms of heart disease (420-429)
18000				039	Acute and subacute endocarditis (421)
18100				088	Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)
18200	1			037	Other diseases of endocardium (424)
18300				034	Mitral valve disorders (424.0)
18400				034	Aortic valve disorders (424.1)
18500				051	All other diseases of endocardium (424.2-424.9)
18600				021	Heart failure (428)
18700				068	Myocarditis, unspecified and myocardial degeneration (429.0-429.1)
18800				072	All other and ill-defined forms of heart disease (425-427,429.2-429.9)
18900	1			034	Cerebrovascular diseases (430-438)
19000				031	Subarachnoid hemorrhage (430)
19100				059	Intracerebral and other intracranial hemorrhage (431-432)
19200				054	Occlusion and stenosis of precerebral arteries (433)
19300				082	Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)
19400				027	Cerebral embolism (434.1)
19500				053	Acute but ill-defined cerebrovascular disease (436)
19600				066	Other and late effects of cerebrovascular diseases (435,437-438)
19700	1			059	Diseases of arteries, arterioles, and capillaries (440-448)
19800				023	Atherosclerosis (440)
19900				023	Aortic aneurysm (441)
20000				071	All other diseases of arteries, arterioles, and capillaries (442-448)
20100	1			084	Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)
20200				075	Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)
20300				095	Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)

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282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
20400	1			061	VIII. Diseases of the respiratory system (460-519)
20500	1			057	Diseases of the upper respiratory tract (460-465,470-478)
20600				046	Acute upper respiratory infections (460-465)
20700				053	Other diseases of upper respiratory tract (470-478)
20800	1			054	Other diseases of the respiratory system (466,480-519)
20900				042	Acute bronchitis and bronchiolitis (466)
21000	1			021	Pneumonia (480-486)
21100				025	Viral pneumonia (480)
21200				056	Pneumococcal and other bacterial pneumonia (481-482)
21300				048	Bronchopneumonia, organism unspecified (485)
21400				061	Pneumonia due to other and unspecified organism (483,486)
21500				017	Influenza (487)
21600	1			072	Chronic obstructive pulmonary diseases and allied conditions (490-496)
21700	1			071	Bronchitis, chronic and unspecified, emphysema and asthma (490-493)
21800				057	Bronchitis, not specified as acute or chronic (490)
21900				030	Chronic bronchitis (491)
22000				021	Emphysema (492)
22100				018	Asthma (493)
22200				062	Bronchiectasis and extrinsic allergic alveolitis (494-495)
22300				063	Chronic airways obstruction, not elsewhere classified (496)
22400				073	Pneumoconioses and other lung diseases due to external agents (500-508)
22500				055	Empyema and abscess of lung and mediastinum (510,513)
22600				016	Pleurisy (511)
22700				056	All other diseases of respiratory system (512,514-519)
22800	1			057	IX. Diseases of the digestive system (520-579)
22900				060	Diseases of oral cavity, salivary glands, and jaws (520-529)
23000	1			057	Diseases of other parts of the digestive system (530-579)
23100	1			041	Ulcer of stomach and duodenum (531-533)
23200				023	Gastric ulcer (531)
23300				024	Duodenal ulcer (532)
23400				040	Peptic ulcer, site unspecified (533)
23500				032	Gastritis and duodenitis (535)
23600				024	Appendicitis (540-543)
23700				095	Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
23800				059	Regional enteritis and idiopathic proctocolitis (555-556)
23900				062	All other noninfective gastroenteritis and colitis (557-558)
24000				032	Diverticula of intestine (562)
24100	1			043	Chronic liver disease and cirrhosis (571)
24200				077	Chronic liver disease and cirrhosis, specified as alcoholic (571.0-571.3)
24300				057	Chronic hepatitis and biliary cirrhosis (571.4,571.6)
24400				117	Cirrhosis of liver and other and unspecified chronic liver disease without mention of alcohol (571.5,571.8-571.9)
24500				061	Cholelithiasis and other disorders of gallbladder (574-575)
24600				082	All other diseases of digestive system (530,534,536-537,564-570,572-573,576-579)
24700	1			060	X. Diseases of the genitourinary system (580-629)
24800	1			036	Diseases of urinary system (580-599)
24900	1			056	Nephritis, nephrotic syndrome, and nephrosis (580-589)
25000				034	Acute glomerulonephritis (580)
25100				028	Nephrotic syndrome (581)
25200				140	Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)
25300				120	Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)
25400				028	Infections of kidney (590)
25500				028	Urinary calculus (592,594)
25600				056	All other diseases of urinary system (591,593,595-599)

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25700	1	1		041 Diseases of male genital organs (600-608)
25800		1		031 Hyperplasia of prostate (600)
25900		1		049 Other diseases of male genital organs (601-608)
26000				029 Disorders of breast (610-611)
26100		2		057 Diseases of female genital organs except breast (614-629)
26200	1	2	2	083 XI. Complications of pregnancy, childbirth, and the puerperium (630-676)
26300	1	2	2	041 Pregnancy with abortive outcome (630-638)
26400		2	2	025 Ectopic pregnancy (633)
26500		2	2	028 Spontaneous abortion (634)
26600		2	2	032 Legally induced abortion (635)
26700		2	2	034 Illegally induced abortion (636)
26800		2	2	057 Other pregnancy with abortive outcome (630-632,637-638)
26900	1	2	2	041 Direct obstetric causes (640-646,651-676)
27000		2	2	054 Hemorrhage of pregnancy and childbirth (640-641,666)
27100		2	2	040 Toxemia of pregnancy (642.4-642.9,643)
27200		2	2	024 Obstructed labor (660)
27300		2	2	043 Complications of the puerperium (670-676)
27400		2	2	077 Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)
27500		2	2	035 Indirect obstetric causes (647-648)
27600		2	2	042 Delivery in a completely normal case (650)
27700	1			070 XII. Diseases of the skin and subcutaneous tissue (680-709)
27800				052 Infections of skin and subcutaneous tissue (680-686)
27900				060 All other diseases of skin and subcutaneous tissue (690-709)
28000	1			087 XIII. Diseases of the musculoskeletal system and connective tissue (710-739)
28100				067 Rheumatoid arthritis and other inflammatory polyarthropathies (714)
28200				059 Other arthropathies and related disorders (710-712,715-719)
28300				022 Dorsopathies (720-724)
28400				040 Rheumatism, excluding the back (725-729)
28500				080 Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)
28600	1			046 XIV. Congenital anomalies (740-759)
28700				018 Spina bifida (741)
28800				058 All other congenital anomalies of nervous system (740,742)
28900				039 Congenital anomalies of heart (745-746)
29000				054 Other congenital anomalies of circulatory system (747)
29100				048 All other congenital anomalies (743-744,748-759)
29200	1			079 XV. Certain conditions originating in the perinatal period (760-779)
29300				018 Birth trauma (767)
29400				081 Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)
29500				070 Other conditions originating in the perinatal period (760-766,770-779)

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29600	1			069	XVI. Symptoms, signs, and ill-defined conditions (780-799)
29700				043	Senility without mention of psychosis (797)
29800				067	Symptoms, signs, and other ill-defined conditions (780-796,798-799)
29900	1			093	Supplementary classification of external causes of injury and poisoning (E800-E999)
30000	1			041	Accidents and adverse effects (E800-E949)
30100	1			033	Transport accidents (E800-E848)
30200				033	Railway accidents (E800-E807)
30300	1			039	Motor vehicle accidents (E810-E825)
30400	1			049	Motor vehicle traffic accidents (E810-E819)
30500				045	Involving collision with train (E810)
30600				066	Involving collision with another motor vehicle (E811-E812)
30700				050	Involving collision with pedestrian (E814)
30800				068	Involving collision with other vehicle or object (E813,E815)
30900				054	Not involving collision on highway (E816-E818)
31000				067	Motor vehicle traffic accident of unspecified nature (E819)
31100				052	Motor vehicle nontraffic accidents (E820-E825)
31200				044	Other road vehicle accidents (E826-E829)
31300				041	Water transport accidents (E830-E838)
31400				049	Air and space transport accidents (E840-E845)
31500				060	Vehicle accidents not elsewhere classifiable (E846-E848)
31600	1			034	Accidental poisoning (E850-E869)
31700				075	Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)
31800				072	Accidental poisoning by other solid or liquid substances (E860-E866)
31900				056	Accidental poisoning by gases and vapors (E867-E869)
32000				091	Misadventures during medical care, abnormal reactions, and late complications (E870-E879)
32100	1			030	Accidental falls (E880-E888)
32200				046	Fall from one level to another (E880-E884)
32300				034	Fall on same level (E885-E886)
32400				076	Fracture, cause unspecified, and other and unspecified falls (E887-E888)
32500				049	Accidents caused by fire and flames (E890-E899)
32600	1			053	Other accidents, including late effects (E900-E929)
32700				020	Lightning (E907)
32800				045	Accidental drowning and submersion (E910)
32900				120	Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)
33000				039	Accident caused by handgun (E922.0)
33100				074	Accidents caused by all other and unspecified firearms (E922.1-E922.9)
33200				048	Accident caused by explosive material (E923)
33300				123	Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)
33400				046	Accident caused by electric current (E925)
33500				103	All other accidents and late effects of accidental injury (E900-E906,E908-E909,E913-E921,E927-E929)
33600				102	Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)
33700	1			1 019	Suicide (E950-E959)
33800	1			1 064	Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)
33900	1			1 061	Suicide by other solid or liquid substances (E950.6-E950.9)
34000	1			1 041	Suicide by gases and vapors (E951-E952)
34100	1			1 059	Suicide by hanging, strangulation, and suffocation (E953)
34200	1			1 029	Suicide by handgun (E955.0)
34300	1			1 063	Suicide by all other and unspecified firearms (E955.1-E955.4)
34400	1			1 089	Suicide by all other means and late effects of self-inflicted injury (E954,E955 5-E959)

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282 S Limited Len-

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34500	1	043	Homicide and legal intervention (E960-E978)
34600		029	Assault by handgun (E965.0)
34700		063	Assault by all other and unspecified firearms (E965.1-E965.4)
34800		051	Assault by cutting and piercing instrument (E966)
34900		127	Assault by all other means and late effects of injury purposely inflicted by other person (E960-E964,E965.5-E965.9,E967-E969)
35000		024	Legal execution (E978)
35100		091	Other legal intervention and late effects of injury due to legal intervention (E970-E977)
35200	1	075	Injury undetermined whether accidentally or purposely inflicted (E980-E989)
35300		071	From poisoning by drugs, medicaments, and biologicals (E980.0-E980.5)
35400		068	From poisoning by other solid or liquid substances (E980.6-E980.9)
35500		033	From injury by handgun (E985.0)
35600		067	From injury by all other and unspecified firearms (E985.1-E985.4)
35700		141	From injury by all other means and late effects of injury, undetermined whether accidentally or purposely inflicted (E981-E984,E985.5-E989)
35800		051	Injury resulting from operations of war (E990-E999)

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 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

72 S Limited Len-
 Recode T Sex Age gth Cause Title And ICD-9 Codes Included

010		035 Shigellosis and amebiasis (004,006)
020		045 Certain other intestinal infections (007-009)
030	1	022 Tuberculosis (010-018)
040		046 Tuberculosis of respiratory system (010-012)
050		030 Other tuberculosis (013-018)
060		020 Whooping cough (033)
070		063 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
080		029 Meningococcal infection (036)
090	3	016 Septicemia (038)
100		025 Acute poliomyelitis (045)
110		013 Measles (055)
120		021 Viral hepatitis (070)
130		018 Syphilis (090-097)
140		119 All other infectious and parasitic diseases (001-003,005,020-032, 037,039-041,*042-*044,046-054,056-066,071-088,098-139)
150	1	089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
160		064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
170		066 Malignant neoplasms of digestive organs and peritoneum (150-159)
180		071 Malignant neoplasms of respiratory and intrathoracic organs (160-165)
190		040 Malignant neoplasm of breast (174-175)
200		049 Malignant neoplasms of genital organs (179-187)
210		049 Malignant neoplasms of urinary organs (188-189)
220		074 Malignant neoplasms of all other and unspecified sites (170-173,190-199)
230		020 Leukemia (204-208)
240		076 Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)
250		108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
260		023 Diabetes mellitus (250)
270		034 Nutritional deficiencies (260-269)
280		017 Anemias (280-285)
290		020 Meningitis (320-322)
300	1	039 Major cardiovascular diseases (390-448)
310	1	041 Diseases of heart (390-398,402,404-429)
320		057 Rheumatic fever and rheumatic heart disease (390-398)
330		036 Hypertensive heart disease (402)
340		046 Hypertensive heart and renal disease (404)
350	1	036 Ischemic heart disease (410-414)
360		039 Acute myocardial infarction (410)
370		068 Other acute and subacute forms of ischemic heart disease (411)
380		027 Angina pectoris (413)
390		091 Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
400		039 Other diseases of endocardium (424)
410		054 All other forms of heart disease (415-423,425-429)
420		054 Hypertension with or without renal disease (401,403)
430	1	036 Cerebrovascular diseases (430-438)
440		061 Intracerebral and other intracranial hemorrhage (431-432)
450		084 Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)
460		029 Cerebral embolism (434.1)
470		076 All other and late effects of cerebrovascular diseases (430,433,435-438)
480		023 Atherosclerosis (440)
490		067 Other diseases of arteries, arterioles, and capillaries (441-448)

ST: 1 = Subtotal Limited: Sex: 1 = Males; 2 = Females
 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

72 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
500					040 Acute bronchitis and bronchiolitis (466)
510	1				033 Pneumonia and influenza (480-487)
520					021 Pneumonia (480-486)
530					017 Influenza (487)
540	1				070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
550					047 Bronchitis, chronic and unspecified (490-491)
560					017 Emphysema (492)
570					014 Asthma (493)
580					078 Other chronic obstructive pulmonary diseases and allied conditions (494-496)
590					039 Ulcer of stomach and duodenum (531-533)
600					022 Appendicitis (540-543)
610					093 Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
620					041 Chronic liver disease and cirrhosis (571)
630					059 Cholelithiasis and other disorders of gallbladder (574-575)
640	1				054 Nephritis, nephrotic syndrome, and nephrosis (580-589)
650					059 Acute glomerulonephritis and nephrotic syndrome (580-581)
660					138 Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)
670					118 Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)
680					026 Infections of kidney (590)
690	1				029 Hyperplasia of prostate (600)
700	1	2	2		068 Complications of pregnancy, childbirth, and the puerperium (630-676)
710		2	2		043 Pregnancy with abortive outcome (630-638)
720		2	2		076 Other complications of pregnancy, childbirth, and the puerperium (640-676)
730					030 Congenital anomalies (740-759)
740	1				064 Certain conditions originating in the perinatal period (760-779)
750					097 Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)
760					072 Other conditions originating in the perinatal period (760-766,770-779)
770					053 Symptoms, signs, and ill-defined conditions (780-799)
780					029 All other diseases (Residual)
790	1				041 Accidents and adverse effects (E800-E949)
800					037 Motor vehicle accidents (E810-E825)
810					063 All other accidents and adverse effects (E800-E807,E826-E949)
820		1			019 Suicide (E950-E959)
830					043 Homicide and legal intervention (E960-E978)
840					037 All other external causes (E980-E999)

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 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

61 Recode	S T	Limited Len- Sex Age gth	Cause Title And ICD-9 Codes Included
010			039 Certain intestinal infections (008-009)
020			020 Whooping cough (039)
030			029 Meningococcal infection (036)
040	3		016 Septicemia (038)
050			024 Viral diseases (045-079)
060			025 Congenital syphilis (090)
070			110 Remainder of infectious and parasitic diseases (001-007,010-032, 034-035,037,039-041,*042-*044,080-088,091-139)
080			089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
090			108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
100			030 Diseases of thymus gland (254)
110			023 Cystic fibrosis (277.0)
120			052 Diseases of blood and blood-forming organs (280-289)
130			020 Meningitis (320-322)
140			059 Other diseases of nervous system and sense organs (323-389)
150			044 Acute upper respiratory infections (460-465)
160			042 Bronchitis and bronchiolitis (466,490-491)
170	1		033 Pneumonia and influenza (480-487)
180			021 Pneumonia (480-486)
190			017 Influenza (487)
200			061 Remainder of diseases of respiratory system (470-478,492-519)
210			093 Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
220			075 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)
230			067 Remainder of diseases of digestive system (520-534,536-543,562-579)
240	1		030 Congenital anomalies (740-759)
250			042 Anencephalus and similar anomalies (740)
260			020 Spina bifida (741)
270			034 Congenital hydrocephalus (742.3)
280			092 Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)
290			041 Congenital anomalies of heart (745-746)
300			056 Other congenital anomalies of circulatory system (747)
310			050 Congenital anomalies of respiratory system (748)
320			052 Congenital anomalies of digestive system (749-751)
330			056 Congenital anomalies of genitourinary system (752-753)
340			058 Congenital anomalies of musculoskeletal system (754-756)
350			025 Down's syndrome (758.0)
360			043 Other chromosomal anomalies (758.1-758.9)
370			062 All other and unspecified congenital anomalies (744,757,759)

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 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

61	S	Limited Len-	
Recode	T	Sex Age	gth Cause Title And ICD-9 Codes Included
380	1		064 Certain conditions originating in the perinatal period (760-779)
390			091 Newborn affected by maternal conditions which may be unrelated to present pregnancy (760)
400			063 Newborn affected by maternal complications of pregnancy (761)
410			074 Newborn affected by complications of placenta, cord, and membranes (762)
420			069 Newborn affected by other complications of labor and delivery (763)
430			048 Slow fetal growth and fetal malnutrition (764)
440			077 Disorders relating to short gestation and unspecified low birthweight (765)
450			065 Disorders relating to long gestation and high birthweight (766)
460			020 Birth trauma (767)
470	1		047 Intrauterine hypoxia and birth asphyxia (768)
480			051 Fetal distress in liveborn infant (768.2-768.4)
490			032 Birth asphyxia (768.5-768.9)
500			037 Respiratory distress syndrome (769)
510			047 Other respiratory conditions of newborn (770)
520			051 Infections specific to the perinatal period (771)
530			027 Neonatal hemorrhage (772)
540			094 Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice (773-774)
550			088 Syndrome of "infant of a diabetic mother" and neonatal diabetes mellitus (775.0-775.1)
560			040 Hemorrhagic disease of newborn (776.0)
570			098 All other and ill-defined conditions originating in the perinatal period (775.2-775.9,776.1-779)
580	1		053 Symptoms, signs, and ill-defined conditions (780-799)
590			038 Sudden infant death syndrome (798.0)
600			075 Symptoms, signs, and all other ill-defined conditions (780-797,798.1-799)
610	1		041 Accidents and adverse effects (E800-E949)
620			118 Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)
630			042 Accidental mechanical suffocation (E913)
640			067 Other accidental causes and adverse effects (E800-E910,E914-E949)
650	1		020 Homicide (E960-E969)
660			047 Child battering and other maltreatment (E967)
670			038 Other homicide (E960-E966,E968-E969)
680			027 All other causes (Residual)

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 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

52 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
010					050 Tuberculosis, including late effects (010-018,137)
020				3	016 Septicemia (038)
030	1				089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
040					064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
050					039 Malignant neoplasm of esophagus (150)
060					037 Malignant neoplasm of stomach (151)
070					035 Malignant neoplasm of colon (153)
080					070 Malignant neoplasms of rectum, rectosigmoid junction, and anus (154)
090					064 Malignant neoplasms of liver and intrahepatic bile ducts (155)
100					070 Malignant neoplasms of gallbladder and extrahepatic bile ducts (156)
110					038 Malignant neoplasm of pancreas (157)
120					036 Malignant neoplasm of larynx (161)
130					058 Malignant neoplasms of trachea, bronchus, and lung (162)
140					036 Malignant neoplasm of pleura (163)
150					059 Malignant neoplasms of bone and articular cartilage (170)
160					063 Malignant neoplasms of connective and other soft tissue (171)
170					034 Malignant melanoma of skin (172)
180	2				043 Malignant neoplasm of female breast (174)
190	2				042 Malignant neoplasm of cervix uteri (180)
200	2				044 Malignant neoplasm of body of uterus (182)
210	2				061 Malignant neoplasms of ovary and other uterine adnexa (183)
220	1				038 Malignant neoplasm of prostate (185)
230	1				036 Malignant neoplasm of testis (186)
240					037 Malignant neoplasm of bladder (188)
250					078 Malignant neoplasms of kidney and other and unspecified urinary organs (189)
260					090 Malignant neoplasms of brain and other and unspecified parts of nervous system (191-192)
270					025 Hodgkin's disease (201)
280					059 Malignant lymphoma other than Hodgkin's disease (200,202)
290					058 Multiple myeloma and immunoproliferative neoplasms (203)
300					020 Leukemia (204-208)
310					149 All other malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (152,158-160,164-165,173,175,179,181,184,187,190,193-199)
320					023 Diabetes mellitus (250)
330					021 Aplastic anemia (284)
340	1				039 Diseases of heart (390-398,402,404-429)
350					034 Hypertensive heart disease (402)
360					044 Hypertensive heart and renal disease (404)
370	1				034 Ischemic heart disease (410-414)
380					037 Acute myocardial infarction (410)
390					046 All other ischemic heart disease (411-414)
400					047 All other diseases of heart (390-398,415-429)
410					052 Hypertension with or without renal disease (401,403)
420					034 Cerebrovascular diseases (430-438)
430					021 Atherosclerosis (440)
440					033 Pneumonia and influenza (480-487)
450					070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
460					072 Pneumoconioses and pneumopathy due to inhalation of other dust (500-505)
470					039 Ulcer of stomach and duodenum (531-533)
480					041 Chronic liver disease and cirrhosis (571)
490					054 Nephritis, nephrotic syndrome, and nephrosis (580-589)
500	1				041 Accidents and adverse effects (E800-E949)
510					037 Motor vehicle accidents (E810-E825)
520					079 Accidents mainly of industrial type (E846,E881-E882,E916-E919,E921,E923-E926)
530					099 Other accidents and adverse effects (E800-E807,E826-E845,E847-E880,E883-E915,E920,E922,E927-E949)
540				1	019 Suicide (E950-E959)
550					043 Homicide and legal intervention (E960-E978)
560					049 All other diseases and external causes (Residual)

ST: 1 = Subtotal Limited: Sex: 1 = Males; 2 = Females
 Length = of Cause Title Age: 1 = 5 & Over; 2 = 10-54; 3 = 28 Days & Over

***** Cause Subtotals are not Identified in this File *****

34	S	Limited Len-		
Recode	T	Sex	Age	gth Cause Title And ICD-9 Codes Included
010				022 Tuberculosis (010-018)
020				018 Syphilis (090-097)
030				089 Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)
040	1			089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
050				066 Malignant neoplasms of digestive organs and peritoneum (150-159)
060				071 Malignant neoplasms of respiratory and intrathoracic organs (160-165)
070				040 Malignant neoplasm of breast (174-175)
080				049 Malignant neoplasms of genital organs (179-187)
090				049 Malignant neoplasms of urinary organs (188-189)
100				020 Leukemia (204-208)
110				053 Other malignant neoplasms (140-149,170-173,190-203)
120				023 Diabetes mellitus (250)
130	1			039 Major cardiovascular diseases (390-448)
140	1			041 Diseases of heart (390-398,402,404-429)
150				057 Rheumatic fever and rheumatic heart disease (390-398)
160				070 Hypertensive heart disease with or without renal disease (402,404)
170				036 Ischemic heart disease (410-414)
180				034 Other heart diseases (415-429)
190				054 Hypertension with or without renal disease (401,403)
200				036 Cerebrovascular diseases (430-438)
210				023 Atherosclerosis (440)
220				067 Other diseases of arteries, arterioles, and capillaries (441-448)
230				033 Pneumonia and influenza (480-487)
240				070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
250				039 Ulcer of stomach and duodenum (531-533)
260				041 Chronic liver disease and cirrhosis (571)
270				054 Nephritis, nephrotic syndrome, and nephrosis (580-589)
280	2	2		068 Complications of pregnancy, childbirth, and the puerperium (630-676)
290				030 Congenital anomalies (740-759)
300				064 Certain conditions originating in the perinatal period (760-779)
310				053 Symptoms, signs, and ill-defined conditions (780-799)
320				029 All other diseases (Residual)
330				035 Motor vehicle accidents (E810-E825)
340				061 All other accidents and adverse effects (E800-E807,E826-E949)
350	1			019 Suicide (E950-E959)
360				043 Homicide and legal intervention (E960-E978)
370				037 All other external causes (E980-E999)

TITLES FOR BUSINESS OR INDUSTRY RECODE 51

***** INDUSTRY SUBTOTALS ARE NOT IDENTIFIED IN THIS FILE *****

RECODE ST TITLE

01		Agriculture, forestry, and fisheries
02		Mining
03		Construction
04	1	Manufacturing
05	1	Nondurable goods
06		Food and kindred products
07		Textile mill and finished products
08		Paper and allied products
09		Printing, publishing and allied products
10		Chemicals and allied products
11		Petroleum and coal products
12		Rubber, plastics and leather products
13	1	Durable goods
14		Lumber and other wood products, and furniture
15		Stone, clay, glass and concrete products
16		Primary metal industries
17		Fabricated metal industries
18		Machinery, except electrical
19		Electrical machinery, equipment, and supplies
20		Transportation equipment
21		Miscellaneous manufacturing industries
22	1	Transportation, communications, and other public utilities
23	1	Transportation
24		Railroads
25		Trucking and warehousing
26		Other transportation
27		Communications
28		Utilities and sanitary services
29		Wholesale trade
30	1	Retail trade
31		Food, bakery, and dairy stores
32		Auto dealers and supply stores
33		Eating and drinking places
34		Other retail trade
35		Finance, insurance, and real estate
36	1	Business and repair services
37		Automotive services and repair
38		Other business and repair services
39	1	Personal services
40		Private households
41		Beauty and barber shops
42		Other personal services
43		Entertainment and recreation services
44	1	Professional and related services
45		Health services
46		Educational services
47		Social services
48		Legal, engineering, and other services
49		Public administration
50		Military
51		Industry unknown or not reported

TITLES FOR BUSINESS OR INDUSTRY RECODE 15

RECODE	TITLE
01	Agriculture, forestry, and fisheries
02	Mining
03	Construction
04	Manufacturing
05	Transportation, communications, and other public utilities
06	Wholesale trade
07	Retail trade
08	Finance, insurance, and real estate
09	Business and repair services
10	Personal services
11	Entertainment and recreation services
12	Professional and related services
13	Public administration
14	Military
15	Industry unknown or not reported

TITLES FOR USUAL OCCUPATION RECODE 59

***** OCCUPATION SUBTOTALS ARE NOT IDENTIFIED IN THIS FILE *****

RECODE	ST	TITLE
01	1	Executive, administrative, and managerial occupations
02		Executive and administrative occupations
03		Management related occupations
04	1	Professional specialty occupations
05		Architects, engineers, and scientists
06		Health diagnosis and treatment occupations
07		Teachers
08		Other professional specialty occupations
09		Technicians and related support
10		Sales occupations
11	1	Administrative support occupations, including clerical
12		Secretaries, stenographers, and typists
13		Records processing occupations
14		Mail and message distributing occupations
15		Other administrative support occupations
16	1	Service occupations
17		Private household occupations
18		Protective service occupations
19		Food preparation and service occupations
20		Health service occupations
21		Cleaning and building service occupations
22		Personal service occupations
23	1	Farming, forestry, fishing occupations
24		Farm and other agricultural occupations
25		Forestry, fishing and hunting occupations
26	1	Precision production, craft and repair occupations
27	1	Mechanics and repairers
28		Vehicle and mobile equipment mechanics and repairers
29		Other mechanics and repairers
30	1	Construction trades
31		Carpenters and apprentices
32		Electricians, apprentices, and electrical power installers and repairers
33		Painters, construction and maintenance
34		Other construction trades
35		Extractive occupations
36	1	Precision production occupations
37		Supervisors, production occupations
38		Precision metal and wood working occupations
39		Precision textile, apparel, and furnishings machine workers
40		Precision food production occupations
41		Other precision production occupations
42	1	Machine operators, assemblers, and inspectors
43	1	Machine operators and tenders, except precision
44		Metal, plastic, and woodworking machine operators
45		Printing machine operators
46		Textile, apparel, and furnishing machine operators
47		Machine operators, assorted materials
48		Fabricators, assemblers, and hand working occupations
49		Production inspectors, testers, samplers, and weighers
50	1	Transportation and material moving occupations
51		Motor vehicle operators
52		Other transportation occupations
53	1	Handlers, equipment cleaners, helpers and laborers
54		Construction laborers
55		Laborers, except construction
56		Other handlers, cleaners, and laborers
57		Military
58		Homemaker
59		Occupation unknown or not reported

TITLES FOR USUAL OCCUPATION RECODE 09

RECODE	TITLE
01	Managerial and professional specialty occupations
02	Technical, sales, and administrative support occupations
03	Service occupations
04	Farming, forestry, and fishing occupations
05	Precision production, craft, and repair occupations
06	Operators, fabricators, and laborers
07	Military
08	Homemaker
09	Retired, student, volunteer, never worked, unknown, or not reported

1990 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1989, VOLUME II, MORTALITY, PART A

To assist the users of the mortality public-use data tapes, attached is a copy of the "Technical Appendix" of the Vital Statistics of the United States, 1989, Volume II, Mortality, Part A. This technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data on those tapes. Certain modifications to the attached technical appendix are essential to make it applicable to the mortality file for the 1990 data year. Those modifications, which will appear in the printed version of the 1990 technical appendix, include the following:

I. Source of data

State-coded medical data:

For 1990, of the States in the VSCP, the following 25 submitted precoded medical data for all death certificates on computer tape: California, Colorado, Florida, Georgia, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Nebraska, New Hampshire, New York State (excluding New York City), North Carolina, Pennsylvania, South Carolina, Texas, Vermont, Virginia, Washington, and Wisconsin. NCHS also contracted with Colorado and Kansas to precode medical data for all deaths on computer tape for Alaska, Delaware, Idaho, North Dakota, and Wyoming. Vermont subcontracted with Pennsylvania to code its medical data.

The remaining 20 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

All States submitted precoded demographic data for all death certificates on computer tape in 1990.

Data for Puerto Rico, the Virgin Islands, and Guam are not available on the mortality public-use data tapes.

II. Classification of data

A. Medical Indexing, Classification, and Retrieval (MICAR).

Before 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate in accordance with WHO rules. Effective with data year 1968, NCHS converted to computerized coding of the underlying cause and manual coding of all causes (multiple causes) on the death certificate. In this system, called "Automated Classification of Medical Entities" (ACME), the multiple cause codes

serve as inputs to the computer software that employs WHO rules to select the underlying cause. Since 1968, many States also have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form.

Beginning with data year 1990, another computer system is being implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval," automates the coding of the multiple causes of death. In addition, MICAR ultimately will provide much more detailed information on the diseases reported on the death certificates than is available through the International Classification of Diseases (ICD) coded structure. In this first year of implementation, only about 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. This includes a portion of the records for Alabama, Kentucky, Oregon, Rhode Island, and West Virginia. The remainder of the national file was processed by either NCHS or State using only the ACME system.

B. Metropolitan Areas

Metropolitan areas are as defined March 30, 1990, and reflects population counts from the 1990 Census. A new listing of 320 Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs) is included in this documentation. There are also 20 consolidated Metropolitan Statistical Areas (CMSAs), which are made up of PMSAs. Other geographic changes based in the 1990 Census will be implemented later.

C. Hispanic origin.

Data for 1990, data were obtained from the District of Colu and all States except the following three States: Louisiana Hampshire, and Oklahoma.

For 1990, mortality data published in Vital Statistics of the United States (VSUS) tables 1-37 and 2-19 are based on deaths to residents of all 47 States and the District of Columbia. In tables 1-38, 1-43, and 1-44 are based on deaths to residents of 45 States, New York State (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 45 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia,

Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut were excluded from tables 1-38, 1-43, and 1-44 because of the large proportion of deaths (in excess of 10 percent) occurring the State for which Hispanic origin was not stated or was unknown.

In tables 2-20, 2-21, 2-22, and 2-23 the data are based on deaths to residents of 45 States, New York State (excluding New York City), and the District of Columbia whose mortality data for all ages and whose live birth data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 45 States are the same as list above. Data for Connecticut were excluded for the reason stated above.

The 45 States, New York State (excluding New York City), and the District of Columbia for which general mortality data are shown in this report accounted for about 89 percent of the Hispanic population in the United States, including about 99 percent of the Mexican population, 58 percent of the Puerto Rican population, 92 percent of the Cuban population, and 81 percent of the "Other Hispanic" population (1).

Infant mortality— In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because for 1990 the percent of infant deaths of unknown origin was 1.6 and the percent of live births of unknown origin was 1.0, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be somewhat underestimated.

D. Educational attainment.

Mortality data on educational attainment for 1990 are based on deaths to residents of 28 States and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. These 28 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Iowa, Kansas, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Texas, Utah, Vermont, Wisconsin, and Wyoming.

E. Occupation and industry.

Deaths by occupation and industry are included on the 1990 public-use data tapes. These data were included for the first time for 1985. These data were obtained from the following items that appear on the U.S. Standard Certificate of Death:

- o (Item 14a) USUAL OCCUPATION (Give kind of work done during most of working life, even if retired.)
- o (Item 14b) KIND OF BUSINESS OR INDUSTRY

The occupation and industry mortality data were provided to NCHS by the following 21 reporting States:

Colorado	North Carolina
Georgia	Ohio
Idaho	Oklahoma
Indiana	Rhode Island
Kansas	South Carolina
Kentucky	Utah
Maine	Vermont
Nevada	Washington
New Hampshire	West Virginia
New Jersey	Wisconsin
New Mexico	

These data were coded using the NCHS Part 19 instruction manual (2). The occupation and industry titles corresponding to the 3-digit occupation codes and the 3-digit industry codes are shown in a Bureau of the Census publication (3). In addition to the codes shown in Census publication, the following special codes were created:

<u>Occupation</u>	<u>Industry</u>
905 Military	942 Military
913 Retired	951 Retired
914 Homemaker	961 Homemaker, student, unemployed, volunteer
915 Student	
916 Volunteer	
917 Unemployed, never worked, disabled	

Special summary occupation and industry lists were created and are shown elsewhere in this documentation. Also, a special cause-of-death list was created including possible occupationally-related causes of death. This list is the List of 52 selected causes shown elsewhere in this documentation.

The 1990 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1990.

III. Population bases for computing rates:

The Population used for computing death rates and life tables shown in VSUS, 1990 (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. The populations for 1990 are based on the April 1, 1990 census enumeration. The 1990 census counts by age and race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. Death rates and life tables for 1981-89 have been recomputed, based on revised populations that are consistent with the 1990 census levels (4,5). They are, therefore, not comparable with death rates and life tables values published in Advance Reports of Final Mortality Statistics, in Vital Statistics of the United States, Volume II, Mortality, and in other NCHS publications for those years.

References

1. U.S. Bureau of the Census: Unpublished data from the 1990 census for person of Spanish origin by State.
2. National Center for Health Statistics: Industry and occupation coding for death certificates, 1987. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1987
3. U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.
4. U.S. Bureau of the Census: Unpublished data from the 1990 census, by age, race, and sex.
5. U.S. Bureau of the Census: Unpublished data from the 1990 census, by State.

SOURCES OF DATA

Death and fetal-death statistics

Mortality statistics for 1989 are, as for all previous years except 1972, based on information from records of all deaths occurring in the United States. Fetal-death statistics for every year are based on all reports of fetal death received by the National Center for Health Statistics (NCHS).

The death-registration system and the fetal-death reporting system of the United States encompass the 50 States, the District of Columbia, New York City (which is independent of New York State for the purpose of death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Trust Territory of the Pacific Islands. In the statistical tabulations of this publication, United States refers only to the aggregate of the 50 States (including New York City) and the District of Columbia. Tabulations for Guam, Puerto Rico, and the Virgin Islands are shown separately in this volume. No data have ever been included for American Samoa or the Trust Territory of the Pacific Islands.

The Virgin Islands was admitted to the registration area for deaths in 1924; Puerto Rico, in 1932; and Guam, in 1970. Tabulations of death statistics for Puerto Rico and the Virgin Islands were shown regularly in the annual volumes of Vital Statistics of the United States from the year of their admission through 1971 except for the years 1967 through 1969, and tabulations for Guam were included for 1970 and 1971. Death statistics for Puerto Rico, the Virgin Islands, and Guam were not included in the 1972 volume but have been included in section 8 of the volumes for each of the years 1973-78 and in section 9 beginning with 1979. Information for 1972 for these three areas was published in the respective annual vital statistics reports of the Department of Health of the Commonwealth of Puerto Rico, the Department of Health of the Virgin Islands, and the Department of Public Health and Social Services of the Government of Guam.

Procedures used by NCHS to collect death statistics have changed over the years. Before 1971, tabulations of deaths and fetal deaths were based solely on information obtained by NCHS from copies of the original certificates. The information from these copies was edited, coded, and tabulated. For 1960-70, all mortality information taken from these records was transferred by NCHS to magnetic tape for computer processing.

SECTION 7 - TECHNICAL APPENDIX

7

Beginning with 1971, an increasing number of States provided NCHS, with computer tapes of data coded according to NCHS specifications and provided to NCHS through the Vital Statistics Cooperative Program. The year State-coded demographic data were first transmitted on computer tape to NCHS is shown below for each of the States, New York City, Puerto Rico, and the District of Columbia, all of which now furnish demographic or nonmedical data on tape.

1971	1977
Florida	Alaska
	Idaho
	Massachusetts
	New York City
	Ohio
	Puerto Rico
1972	1978
Maine	Indiana
Missouri	Utah
New Hampshire	Washington
Rhode Island	
Vermont	
1973	1979
Colorado	Connecticut
Michigan	Hawaii
New York (except)	Mississippi
New York City)	New Jersey
	Pennsylvania
	Wyoming
1974	1980
Illinois	Arkansas
Iowa	New Mexico
Kansas	South Dakota
Montana	
Nebraska	
Oregon	
South Carolina	
1975	1982
Louisiana	North Dakota
Maryland	
North Carolina	
Oklahoma	
Tennessee	
Virginia	
Wisconsin	
1976	1985
Alabama	Arizona
Kentucky	California
Minnesota	Delaware
Nevada	Georgia
Texas	District of
West Virginia	Columbia

SECTION 7 - TECHNICAL APPENDIX

8

For the Virgin Islands and Guam, mortality statistics for 1989 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

In 1974 States began coding medical (cause-of-death) data on computer tapes according to NCHS specifications. The year State-coded medical data were first transmitted to NCHS is shown below for the 30 States now furnishing such data. For 1989 Georgia, Indiana, Maine, and Wisconsin submitted precoded medical data on computer tape for part of the year. NCHS contracted with Colorado, Kansas, and Mississippi to precode medical data for all deaths on computer tape for the five States added in 1988. Vermont subcontracted with Pennsylvania to code its medical data.

1974	Iowa Michigan	1984	Maryland New York State (except New York City) Vermont
1975	Louisiana Nebraska North Carolina Virginia Wisconsin	1986	California Florida Texas
1980	Colorado Kansas Massachusetts Mississippi New Hampshire Pennsylvania South Carolina	1988	Alaska Delaware Idaho North Dakota Wyoming
1981	Maine	1989	Georgia Indiana Washington
1983	Minnesota		

For 1989 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS medical data coded according to NCHS specifications. In addition, Georgia, Indiana, Maine, and Wisconsin submitted copies of the original certificates from which NCHS coded the medical data for part of the year. For 1981 and 1982, these procedures were modified because of a coding and

processing backlog resulting from personnel and budgetary restrictions. To produce the mortality files on a timely basis with reduced resources, NCHS used State-coded underlying cause-of-death information supplied by 19 States for 50 percent of the records; for the other 50 percent of the records for these States as well as for 100 percent of the records for the remaining 21 registration areas, NCHS coded the medical information. Mortality statistics for 1972 were based on information obtained from a 50-percent sample of death records instead of from all records as in other years. Sampling variation associated with the 50-percent sample is described below in the section "Estimates of errors arising from 50-percent sample for 1972."

Fetal-death data are obtained directly from copies of original reports of fetal deaths received by NCHS from State registration offices, except registration offices in New York State (excluding New York City), which submitted State-coded data in 1989. Fetal-death data are not published by NCHS for the Virgin Islands and Guam.

Standard certificates and reports

For many years, the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death, issued by the Public Health Service, have been used as the principle means to attain uniformity in the contents of documents used to collect information on these events. They have been modified in each State to the extent required by the particular needs of the State or by special provisions of the State vital statistics law. However, the certificates or reports of most States conform closely in content and arrangement to the standards.

The first issue of the U.S. Standard Certificate of Death appeared in 1900. Since then, it has been revised periodically by the national vital statistics agency through consultation with State health officers and registrars; Federal agencies concerned with vital statistics; national, State, and county medical societies; and others working in such fields as public health, social welfare, demography, and insurance. This revision procedure has ensured careful evaluation of each item in terms of its current and future usefulness for legal, medical and health, demographic, and research purposes. New items have been added when necessary, and old items have been modified to ensure better reporting; or in some cases, items have been dropped when their usefulness appeared to be limited.

New revisions of the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death were recommended for State use beginning January 1, 1989. The U.S. Standard

Certificate of Death and the U.S. Standard Report of Fetal Death are shown in figures 7-A and 7-B (1).

Among the major changes made were the addition of a new item on educational attainment and changes to improve the medical certification of cause of death. Additional lines to report causes of death were added as well as more complete instructions with examples for properly completing the cause of death. Also, for the first time, the U.S. Standard Certificate of Death includes a question about the Hispanic origin of the decedent. A number of States had included an Hispanic-origin identifier on their certificates, resulting in data shown in this volume for years before 1989. To obtain information on type of place of death, the format of the item was changed from an open-ended question to a checkbox.

HISTORY

The first death statistics published by the Federal Government concerned events in 1850 and were based on statistics collected during the decennial census of that year. In 1880 a national "registration area" was created for recording deaths. Originally consisting of two States (Massachusetts and New Jersey), the District of Columbia, and several large cities having efficient systems for death registrations, the death-registration area continued to expand until 1933, when, for the first time, it included the entire United States. Tables showing data for death-registration States include the District of Columbia for all years; registration cities in nonregistration States are not included. For more details on the history of the death-registration area, see the Technical Appendix in Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 3 and 4, and the section "History and Organization of the Vital Statistics System," chapter 1, Vital Statistics of the United States, 1950, Volume I, pages 2-19. Statistics on fetal deaths were first published for the birth- registration area in 1918 and then annually beginning in 1922.

CLASSIFICATION OF DATA

The principal value of vital statistics data is realized through the presentation of rates, which are computed by relating the vital events of a class to the population of a similarly defined class. Vital statistics and population statistics must therefore be classified according to similarly defined systems and tabulated in comparable groups. Even when the variables common to both, such as geographic area, age, sex, and race, have been similarly classified and tabulated, differences between the

enumeration method of obtaining population data and the registration method of obtaining vital statistics data may result in significant discrepancies.

The general rules used in the classification of geographic and personal items for deaths and fetal deaths for 1989 appear in two NCHS instruction manuals (2,3). A discussion of the classification of certain important items is presented below.

Classification by occurrence and residence

Tabulations for the United States and specified geographic areas in this volume are classified by place of residence unless stated as by place of occurrence. Before 1970, resident mortality statistics for the United States included all deaths occurring in the United States with deaths of "nonresidents of the United States" assigned to place of death. "Deaths of nonresidents of the United States" refers to deaths that occur in the United States to nonresident aliens; nationals residing abroad; and residents of Puerto Rico, the Virgin Islands, Guam, and other territories of the United States. Beginning with 1970, "deaths of nonresidents of the United States" are not included in tables by place of residence.

Tables by place of occurrence, on the other hand, include deaths of residents and nonresidents of the United States. Consequently, for each year beginning with 1970, the total number of deaths in the United States by place of occurrence was somewhat greater than the total by place of residence. For 1989 this difference amounted to 3,393 deaths. Mortality statistics by place of occurrence are shown in tables 1-11, 1-19, 1-20, 1-30, 1-31, 1-32, 3-1, 3-6, 8-1, and 8-7.

Before 1970, except in 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact places of occurrence, which in most instances were urban areas. In 1964 and 1965 deaths of nonresidents of the United States occurring in the United States were allocated as deaths of residents of the balance of the county in which they occurred.

Residence error—Results of a 1960 study showed the classification of residence information on the death certificates corresponded closely to the residence classification of the census records for the decedents whose records were matched (4).

A comparison of the results of this study of deaths with those for a previous matched record study of births (5)

showed the quality of residence data had improved considerably between 1950 and 1960. Both studies found that events in urban areas were overstated by the NCHS classification in comparison with the U.S. Bureau of the Census classification. The magnitude of the difference was substantially less for deaths in 1960 than it was for births in 1950.

The improvement is attributed to an item added in 1956 to the U.S. Standard Certificates of Birth and of Death, asking whether residence was inside or outside city limits. This new item aided in properly allocating the residence of persons living near cities but outside the corporate limits.

Geographic classification

The rules followed in the classification of geographic areas for deaths and fetal deaths are contained in the two instruction manuals referred to previously (2,3). The geographic codes assigned by the NCHS during data reduction of source information on birth, death, and fetal-death records are given in another instruction manual (6). Beginning with 1982 data, the geographic codes were modified to reflect results of the 1980 census. For 1970-81, codes are based on results of the 1970 census.

Standard metropolitan statistical areas—The standard metropolitan statistical areas (SMSA's) used in this volume are those established by the U.S. Office of Management and Budget (7) from final 1980 census population counts and used by the U.S. Bureau of the Census, except in the New England States.

An SMSA is a county or a group of contiguous counties containing a city of 50,000 inhabitants or more or an urbanized area of 50,000 with a total metropolitan population of at least 100,000, except in the New England States. In addition to the county or counties containing such a city or urbanized area, contiguous counties are included in an SMSA if, according to specified criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city or urbanized area (8).

In the New England States, the U.S. Office of Management and Budget uses towns and cities rather than counties as geographic components of SMSA's. However, NCHS cannot use the SMSA classification for these States because its data are not coded to identify all towns. Instead, NCHS uses New England County Metropolitan Areas (NECMA's). Made up of

county units, these areas are established by the U.S. Office of Management and Budget (8,9).

Metropolitan and nonmetropolitan counties—Independent cities and counties included in SMSA's or in NECMA's are included in data for metropolitan counties; all other counties are classified as nonmetropolitan.

Population-size groups—In 1989 vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1980 Census of Population. Specific data are available for each city or urban place with 10,000 or more population. Data for the remaining areas not separately identified are shown in the tables under the heading "balance of area" or "balance of county." For the years 1970-81, classification of areas was determined by the population enumerated in the 1970 Census of Population. Beginning with 1982 data, some urban places identified in previous reports were deleted and others were added because of changes occurring in the enumerated population between 1970 and 1980.

Urban places other than incorporated cities for which vital statistics data are shown in this volume include the following:

- Each town in the New England States, New York, and Wisconsin and each township in Michigan, New Jersey, and Pennsylvania that had no incorporated municipality as a subdivision and had either 25,000 inhabitants or more, or a population of 10,000 to 25,000 and a density of 1,000 persons or more per square mile.
- Each county in States other than those indicated above that had no incorporated municipality within its boundary and had a density of 1,000 persons or more per square mile. (Arlington County, Virginia, is the only county classified as urban under this rule.)
- Each place in Hawaii with a population of 10,000 or more, as there are no incorporated cities in the State.

Before 1964, places were classified as "urban" or "rural." The Technical Appendixes for earlier years discuss the previous classification system.

State or country of birth

Mortality statistics by State or country of birth (table 1-36) became available beginning with 1979. State or country of birth of a decedent is assigned to 1 of the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, or Guam—if specified on the death certificate. The place of birth also is tabulated for Canada, Cuba, Mexico, and for

the Remainder of the World. Deaths for which information on State or country of birth was unknown, not stated, or not classifiable accounted for a small proportion, about 1.2 percent, of all deaths in 1989.

Early mortality reports published by the U.S. Bureau of the Census contained tables showing nativity of parents as well as nativity of decedent. Publication of these tables was discontinued in 1933. Mortality data showing nativity of decedent were published again in annual reports for 1939-41 and for 1950.

Age

The age recorded on the death record is the age at last birthday. With respect to the computation of death rates, the age classification used by the U.S. Bureau of the Census is based also on the age of the person in completed years.

For computation of age-specific and age-adjusted death rates, deaths with age not stated are excluded. For life table computation, deaths with age not stated are distributed proportionately.

Race

For vital statistics in the United States for 1989, deaths are classified by race—white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Mexican, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been used since 1969. Before 1969, if the entry for race was a mixture of black and any other race except Hawaiian, the entry was coded to black.

Most of the tables in this volume, however, do not show data for this detailed classification by race. In all the tables, the divisions are white, all other (including black), and black separately.

Race not stated—For 1989 the number of death records for which race was unknown, not stated, or not classifiable was 4,499, or 0.2 percent of the total deaths. Death records with race entry not stated are assigned to a racial designation as follows: If the preceding record is coded white, the code assignment is made to white; if the code is other than white, the assignment is made to black. Before 1964 all records with race not stated were assigned to white except records of residents of New Jersey for 1962-64.

New Jersey, 1962-64—New Jersey omitted the race item from its certificates of live birth, death, and fetal death used in the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without the race item was used for most of 1962 as well as 1963. Therefore, figures by race for 1962 and 1963 exclude New Jersey. For 1964, 6.8 percent of the death records used for residents of New Jersey did not contain the race item.

Adjustments made in vital statistics to account for the omission of the race item in New Jersey for part of the certificates filed during 1962 through 1964 are described in the Technical Appendix of Vital Statistics of the United States for each of those data years.

Hispanic origin

Mortality statistics for the Hispanic-origin population are based on information for those States and the District of Columbia that included items on the death certificate to identify Hispanic or ethnic origin of decedents. Data for 1989 were obtained from the District of Columbia and all States except Louisiana, New Hampshire, and Oklahoma.

Hispanic mortality data were published for the first time in 1984. Generally, the reporting States used items similar to one of two basic formats recommended by NCHS. The first format is directed specifically toward the Hispanic population and appears on the U.S. Standard Certificate of Death as follows:

Was decedent of Hispanic origin?
 (Specify No or Yes- If Yes, specify Cuban, Mexican,
 Puerto Rican, etc.) ___ No ___ Yes
 Specify:

The second format is a more general ancestry item and appears as follows:

Ancestry- Mexican, Puerto Rican, Cuban, African,
 English, Irish, German, Homong, etc., (specify)

For 1989, mortality data in tables 1-37 and 2-19 are based on deaths to residents of all 47 reporting States and the District of Columbia. In tables 1-38, 1-43, and 1-44, mortality data for the Hispanic-origin population are based on deaths to residents of 44 reporting States and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 44 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for three States--Connecticut, Maryland, and Virginia--are excluded from tables 1-38, 1-43, and 1-44 because of the large proportion of deaths (in excess of 10 percent) occurring in these States for which Hispanic origin was not stated or was unknown.

In tables 2-20, 2-21, 2-22, and 2-23, the reporting areas are based on deaths to residents of 43 reporting States and the District of Columbia whose mortality data for all ages and whose live birth data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 43 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut, Maryland, and Virginia were excluded for the reasons stated above. Rhode Island also was excluded because of the large proportion of unknown.

The 44 and 43 reporting States and the District of Columbia for which general mortality data are shown in this report accounted for about 97 percent of the Hispanic population in the United States in 1980. This included about 99 percent of the Mexican population, 94 percent of the Puerto Rican population, 97 percent of the Cuban population, and 94 percent of the "Other Hispanic" population (10). Accordingly, some caution should be exercised in generalizing mortality patterns of reporting areas to the Hispanic-origin population of the entire United States. For

qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

Marital status

Mortality statistics by marital status (tables 1-34 and 1-35) were published in 1979 for the first time since 1961. (They were previously published in the annual volumes for 1949-51 and 1959-61.) Several reports analyzing mortality by marital status have been published, including the special study based on 1959-61 data (11). Reference to earlier reports is given in the appendix of part B of the 1959-61 special study.

Mortality statistics by marital status are tabulated separately for never married, married, widowed, and divorced. Certificates in which the marriage is specified as being annulled are classified as never married. Where marital status is specified as separated or common-law marriage, it is classified as married. Of the 2,094,043 resident deaths 15 years of age and over in 1989, 20,709 certificates (1.0 percent) had marital status not stated.

Educational attainment

Beginning with the 1989 data year, mortality data on educational attainment are being tabulated from information reported on the death certificate. As a result of the revision of the U.S. Standard Certificate of Death (1), this item was added to the certificates of a large number of States:

- Decedent's Education (specify only highest grade completed)
Elementary/Secondary (0-12) College (1-4 or 5+)

Mortality data on educational attainment for 1989 are based on deaths to residents of 21 reporting States whose data were at least 90 percent complete on a place-of-occurrence basis. The 21 reporting States are Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, New Hampshire, Oregon, South Carolina, Utah, Vermont, Wisconsin, and Wyoming.

Place of death and status of decedent

Mortality statistics classified by place of death were published in 1979 for the first time since 1958 (tables 1-30, 1-31, and 1-32). In addition, mortality data were also available for the first time in 1979 for the status of

decedent when death occurred in a hospital or medical center. The 1989 data were obtained from the following two items appearing on the revised U.S. Standard Certificate of Death: (1)

- Item 9a. Place of Death (check only one)
Hospital: Inpatient, ER/Outpatient, DOA
Other: Nursing Home, Residence, Other (specify)
- Item 9b. Facility Name (If not institution, give street and number)

Before to the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent should be determined if the hospital or institution indicated Inpatient, Outpatient, ER, and DOA, and if the name of the hospital or institution, which was used to determine the type of facility, on the certificate. The change to a checkbox format in many states for this item may affect the comparability of data between 1989 and previous years.

Except for Oklahoma, all of the States (including New York City) and the District of Columbia have item 9 (or its equivalent) on their certificates. Louisiana's certificate was revised in 1989, but the computer system was not changed. Therefore, the same detail categories used in 1988 were used in 1989. As a result, not all categories were available. For all reporting States and the District of Columbia in the Vital Statistics Cooperative Program, NCHS accepts the State definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

Effective with data year 1980, the coding for place of death and status of decedent was modified. A new coding category was added: "Death on arrival--hospital, clinic, medical center name not given." Deaths coded to this category are tabulated in tables 1-30, 1-31, and 1-32. Had the 1979 coding categories been used, these deaths would have been tabulated as "Place unknown."

California—For the first five months of data year 1989, California coded "residence" to "other" for "Place of Death."

Mortality by month and date of death

Deaths by month have been tabulated regularly and published in the annual volume for each year beginning with

data year 1900. For 1989 deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-12, 2-13, 2-14, and 3-7.

Date of death was published for the first time for data year 1972. In addition, unpublished data for selected causes by date of death for 1962 are available from NCHS.

Numbers of deaths by date of death in this volume are shown in table 1-33 for the total number of deaths and for the numbers of deaths for the following three causes, for which the greatest interest in date of occurrence of death has been expressed: Motor vehicle accidents, Suicide, and Homicide and legal intervention.

These data show the frequency distribution of deaths for the selected causes by day of the week. They also make it possible to identify holidays with peak numbers of deaths from specified causes.

Report of autopsy

Before 1972, the last year for which autopsy data were tabulated was 1958. Beginning in 1972, all registration areas requested information on the death certificates as to whether autopsies were performed. For 1989 autopsies were reported on 247,251 death certificates, 11.5 percent of the total (table 1-29).

Information indicating whether autopsy findings were used in determining the cause of death was tabulated for 1972-73 for all but nine registration areas and for 1974-77 for all but eight registration areas. The item "autopsy findings used" was deleted from the 1978 U.S. Standard Certificate of Death.

For eight of the cause-of-death categories shown in table 1-29, autopsies were reported as performed for 50 percent or more of all deaths (Meningococcal infection; Pregnancy with abortive outcome; Other complications of pregnancy, childbirth, and the puerperium; Symptoms, signs, and ill-defined conditions; Motor vehicle accidents; Suicide; Homicide and legal intervention; and All other external causes). There was one other category for which 40 percent or more of the death certificates reported autopsies. Autopsies were reported for only 7.3 percent of the Major cardiovascular diseases.

Cause of death

Cause-of-death classification—Since 1949, cause-of-death statistics have been based on the underlying cause of death, which is defined as "(a) the disease or injury which

initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury" (12).

For each death the underlying cause is selected from an array of conditions reported in the medical certification section on the death certificate. This section provides a format for entering the cause of death sequentially. The conditions are translated into medical codes through use of the classification structure and the selection and modification rules contained in the applicable revision of the International Classification of Diseases (ICD), published by the World Health Organization (WHO). Selection rules provide guidance for systematically identifying the underlying cause of death. Modification rules are intended to improve the usefulness of mortality statistics by giving preference to certain classification categories over others and/or to consolidate two or more conditions on the certificate into one classification category.

As a statistical datum, underlying cause of death is a simple, one-dimensional statistic; it is conceptually easy to understand and a well-accepted measure of mortality. It identifies the initiating cause of death and is therefore most useful to public health officials in developing measures to prevent the onset of the chain of events leading to death. The rules for selecting the underlying cause of death are included in ICD as a means of standardizing classification, which contributes toward comparability and uniformity in mortality medical statistics among countries.

Tabulation lists—Beginning with data year 1979, the cause-of-death statistics published by NCHS have been classified according to the Ninth Revision of the International Classification of Diseases (12). In addition to specifying that ICD-9 be used, WHO also recommends how the data should be tabulated to promote international comparability. The recommended system for tabulating data ICD-9 allows countries to construct their mortality and morbidity tabulation lists from the rubrics of the WHO Basic Tabulation List (BTL) if the rubrics from the WHO mortality and morbidity lists, respectively, are included. This tabulation system for the Ninth Revision is more flexible than that for the Eighth Revision, in which specific lists were recommended for tabulating mortality and morbidity data.

The BTL recommended under the Ninth Revision consists of 57 two-digit rubrics that when added equal the "all causes" total. Identified within each two-digit rubric are up to nine three-digit rubrics that are numbered from zero to eight and whose total does not equal the two-digit rubric.

The two-digit BTL rubrics 01 through 46 are used for the tabulation of nonviolent deaths according to ICD categories 001-799. Rubrics relating to chapter 17 (nature-of-injury causes 47 through 56) are not used by NCHS for selecting underlying causes of death; rather, preference is given to rubrics E47 through E56. The 57th two-digit rubric VO is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics that are the minimum necessary for the national display of mortality data.

Five lists of causes have been developed for tabulation and publication of mortality data in this volume—the Each-Cause List, List of 282 Selected Causes of Death, List of 72 Selected Causes of Death, List of 61 Selected Causes of Infant Death, and List of 34 Selected Causes of Death. These lists were designed to be as comparable as possible with the NCHS lists more recently used under the Eighth Revision. However, complete comparability could not always be achieved.

The Each-Cause List is made up of each three-digit category of the WHO Detailed List to which deaths may be validly assigned and most four-digit subcategories. The list is used for tabulation for the entire United States. The published Each-Cause table does not show the four-digit subcategories provided for Motor vehicle accidents (E810-E825); however, these subcategories that identify persons injured are shown in the accident tables of this report (section 5). Special fifth-digit subcategories also are used in the accident tables to identify place of accident when deaths from nontransport accidents are shown. These are not shown in the Each-Cause table.

The List of 282 Selected Causes of Death is constructed from BTL rubrics 01-46 and E47-E56. Each of the 56 BTL two-digit titles can be obtained either directly or by combining titles in the List. The three-digit level of the BTL is modified more extensively. Where more detail was desired, categories not shown in the three-digit rubrics were added to the List of 282 Selected Causes of Death. Where less detail was needed, the three-digit rubrics were combined. Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death.

The List of 72 Selected Causes of Death was constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tables published for the United States

and each State, and for standard metropolitan statistical areas.

The List of 61 Selected Causes of Infant Death shows more detailed titles for Congenital anomalies and Certain conditions originating in the perinatal period than any other list except the Each-Cause List.

The List of 34 Selected Causes of Death was created by combining titles in the List of 72 Selected Causes. A table using this list is published for detailed geographic areas.

Beginning with data for 1987, changes were made in these lists to accommodate the introduction in the United States of new category numbers *042-*044 for Human immunodeficiency virus infection. The changes are described in the Technical Appendix from Vital Statistics for the United States, 1987.

Effect of list revisions—The International Lists or adaptations of them, used in the United States since 1900, have been revised approximately every 10 years so the disease classifications may be consistent with advances in medical science and with changes in diagnostic practice. Each revision of the International Lists has produced some break in comparability of cause-of-death statistics. Cause-of-death statistics beginning with 1979 are classified by NCHS according to the ICD-9 (12). For a discussion of each of the classifications used with death statistics since 1900, see the Technical Appendix from Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.

A dual coding study was undertaken comparing the Ninth and the Eighth Revisions to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (13). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list not used in this volume but used for provisional data in the Monthly Vital Statistics Report, another NCHS publication. Comparability studies also were undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth and Fifth Revisions. For additional information about these studies, see the 1979 Technical Appendix previously mentioned.

Significant coding changes under the Ninth Revision—Since the implementation of ICD-9 in the United States, effective with mortality data for 1979, several coding changes have been introduced. The more important changes are discussed below. In early 1983, a change was

made in the coding of acquired immunodeficiency syndrome (AIDS) and human immunodeficiency virus (HIV) infection, which affected data from 1981 to 1986. Also effective with data year 1981 was a coding change for poliomyelitis. For data year 1982, the definition of child was changed (which affects the classification of deaths to a number of categories, including Child battering and other maltreatment), and guidelines for coding deaths to the category Child battering and other maltreatment (ICD No. E967) were changed also. During the calendar year 1985, detailed instructions for coding motor vehicle accidents involving all-terrain vehicles (ATV's) were implemented to ensure consistency in coding these accidents. Effective with data year 1986, "primary" and "invasive" tumors, unspecified were classified as "malignant;" these neoplasms had previously been classified to Neoplasms of unspecified nature (ICD-9 No. 239).

Beginning with data for 1987, NCHS introduced new category numbers *042-*044 for classifying and coding HIV infection, formerly referred to as human T-cell lymphotropic virus-III/lymphadenopathy associated virus (HTLV-III/LAV) infection. The asterisk appearing before the category numbers indicates these codes are not part of ICD-9. Also changed effective with data year 1987 were coding rules for the conditions "dehydration" and "disseminated intravascular coagulopathy." Effective with data year 1988 minor content changes were made to the classification for HIV infection. Detailed discussion of these changes may be found in the Technical Appendix for previous volumes.

Coding in 1989—The rules and instructions used in coding the 1989 mortality medical data remained essentially the same as those used for the 1988 data.

Medical certification—The use of a standard classification list, although essential for State, regional, and international comparison, does not ensure strict comparability of the tabulated figures. A high degree of comparability among areas could be attained only if all records of cause of death were reported with equal accuracy and completeness. The medical certification of cause of death can be made only by a qualified person, usually a physician, a medical examiner, or a coroner. Therefore, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the ability of the certifier to make the proper diagnosis and by the care with which he or she records this information on the death certificate.

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been of relatively small samples and for

limited geographic areas. A bibliography prepared by NCHS (14), covering 128 references over 23 years, indicates no definitive conclusions have been reached about the quality of medical certification on the death certificate. No country has a well-defined program for systematically assessing the quality of medical certifications reported on death certificates or for measuring the error-effects on the levels and trends of cause-of-death statistics.

One index of the quality of reporting causes of death is the proportion of death certificates coded to the Ninth Revision Chapter XVI, Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799). Although deaths for which it is impossible to determine the underlying cause, this proportion indicates the care and consideration given to the certification by the medical certifier. This proportion also may be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 1989 a record low of 1.3 percent of all reported deaths in the United States was assigned to this category compared with 1.4 for 1988. However, trends in the percent of deaths assigned to this category vary by age. Although the percent of deaths in this category for all ages combined has generally remained stable between 1980 and 1988, a slight increase in the percent occurred for the age group 5-14 years and a decrease occurred for all the age groups 55 years and over. However, between 1988 and 1989, the percent decreased for almost all age groups.

Automated selection of underlying cause of death—Beginning with data year 1968, NCHS began using a computer system for assigning the underlying cause of death. It has been used every year since. The system is called "Automated Classification of Medical Entities" (ACME).

The ACME system applies the same rules for selecting the underlying cause as would be applied manually by a nosologist; however, under this system, the computer consistently applies the same criteria, thus eliminating intercoder variation in this step of the process.

The ACME computer program requires the coding of all conditions shown on the medical certification. These codes are matched automatically against decision tables that consistently select the underlying cause of death for each record according to the international rules. The decision tables provide the comprehensive relationships among the conditions classified by ICD when applying the rules of selection and modification.

The decision tables were developed by NCHS staff on the basis of their experience in coding underlying causes of

death under the earlier manual coding system and as a result of periodic independent validations. These tables are periodically updated to reflect additional new information on the relationship among medical conditions. For data year 1988 these tables were amended to incorporate minor changes to the previously mentioned classification for Human immunodeficiency virus infection (*042-*044) that had originally been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (15-17).

Cause-of-death ranking—Cause-of-death ranking (except for infants) is based on numbers of deaths assigned to categories in the List of 72 Selected Causes of Death and the category Human immunodeficiency virus infection (HIV infection) (*042-*044); cause-of-death ranking for infants is based on the List of 61 Selected Causes of Infant Death and HIV infection. HIV infection was added to the list of rankable causes effective with data year 1987.

The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions from the List of 72 Selected Causes of Death are not ranked; Certain conditions originating in the perinatal period and Symptoms, signs, and ill-defined conditions from the List of 61 Selected Causes of Infant Death are not ranked. In addition, category titles that begin with the words "Other" or "All other" are not ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (such as Tuberculosis), its component parts (in this case, Tuberculosis of respiratory system and Other tuberculosis) are not ranked.

Maternal deaths

Maternal deaths are those for which the certifying physician has designated a maternal condition as the underlying cause of death. Maternal conditions are those assigned to Complications of pregnancy, childbirth, and the puerperium (ICD-9 Nos. 630-676). In the Ninth Revision, WHO for the first time defined a maternal death as follows:

A maternal death is defined as the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

Under the Eighth Revision, maternal deaths were assigned to the category "Complications of pregnancy, childbirth, and the puerperium" (ICDA-8 Nos. 630-678). Although WHO did not define maternal mortality, there was an NCHS classification rule that limited a maternal death to a death within a year after termination of pregnancy from any "maternal cause," that is, any cause within the range of ICDA-8 Nos. 630-678. This rule applied only if a duration of time for the condition was given. If no duration was specified and the underlying cause of death was a maternal condition, then the duration was assumed to be within a year and the death was coded by NCHS as a maternal death. The change from an under-1-year limitation on duration used in the Eighth Revision to an under-42-days limitation used in the Ninth Revision did not have much effect on the comparability of maternal mortality statistics. However, comparability was affected by the following classification change. Under the Ninth Revision, maternal causes have been expanded to include Indirect obstetric causes (ICD-9 Nos. 647-648). These causes include Infective and parasitic conditions as well as other conditions present in the mother classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

Maternal mortality rates are computed on the basis of the number of live births. The maternal mortality rate indicates the likelihood that a pregnant woman will die of maternal causes. The number of live births used in the denominator is an approximation of the population of pregnant women who are at risk of a maternal death.

Race—Beginning with the 1989 data year, NCHS has changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This has resulted in a discontinuity in maternal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths", under Infant deaths.

Infant deaths

Age—Infant death is defined as a death under 1 year of age. The term excludes fetal deaths. Infant deaths are usually divided into two categories according to age, neonatal and postneonatal. Neonatal deaths are those that occur during the first 27 days of life; postneonatal deaths are those that occur between 28 days and 1 year of age. It has generally been believed that different factors influencing the child's survival predominate in these two periods: Factors associated with prenatal development,

heredity, and the birth process were considered dominant in the neonatal period; environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small premature infants to survive the neonatal period.

Rates—Infant mortality rates shown in sections 2 and 8 are the most commonly used indices for measuring the risk of dying during the first year of life; they are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 1,000 or per 100,000 live births. Infant mortality rates use the number of live births in the denominator to approximate the population at risk of dying before the first birthday. This measure is an approximation because some live births will not have been exposed to a full year's risk of dying and some of the infants who die during a year will have been born in the previous year. The error introduced in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (18,19). Other sources of error in the infant mortality rate have been attributed to differences in applying the definitions for infant death and fetal death when registering the event (20,21).

In contrast to infant mortality rates based on live births, infant death rates shown in Section 1 are based on the estimated population under 1 year of age. Infant death rates, which appear in tabulations of age-specific death rates, are calculated by dividing the number of infant deaths in a calendar year by the estimated midyear population of persons under 1 year of age and are presented as rates per 100,000 population in this age group. Patterns and trends in the infant death rate may differ somewhat from those of the more commonly used "infant mortality rate," mainly because of differences in the nature of the denominator and in the time reference period. Whereas the population denominator for the infant death rate is estimated using data on births, infant deaths, and migration for the 12-month period of July through June, the denominator for the infant mortality rate is a count of births occurring during the 12 months of January through December. The difference in the time reference period can result in different trends between the two indices during periods when birth rates are moving up or down markedly.

The infant death rate is also subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (21).

Race

Change in tabulation of race data for live births and fetal deaths—Beginning with the 1989 data year, NCHS has changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This results in infant, fetal, perinatal, and maternal mortality rates for 1989 that are not comparable with those published for previous years, because live births comprise the denominator of these rates. To facilitate continuity and ease of interpretation, key published tables for 1989 and 1990, including all trend tables, will show data computed on the basis of live births and fetal deaths tabulated by both race of mother and race of child. This will make it possible to distinguish the effects of this change from real changes in the data.

As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. For fetal and perinatal mortality rates, both the numerator and the denominator of the rates are affected, since the change to race of mother affects both fetal deaths and live births.

As noted in detail in the Technical Appendix to Vital Statistics of the United States, 1989, Vol. I, Natality, data on live births and fetal deaths are being tabulated by the race of the mother. When the race of the mother is unknown, the race of the mother is assigned to the father's race; when information for both parents is missing, the race of the mother is assigned to the specific race of the mother of the preceding record with known race. In previous years, birth and fetal death tabulations were by race of child, as determined statistically by an algorithm based on information reported for the mother and father. Briefly, in cases of mixed parentage where only one parent was white, the child was assigned to the other parent's race. When neither parent was white, the child was assigned the race of the father, except if either parent was Hawaiian, the child was assigned to Hawaiian. If race was not reported for one parent, the child was assigned the race of the parent for whom race was given.

The change in the tabulation of live births and fetal deaths by race reflects three factors over the past two decades: the topical content of the birth certificate has been expanded to include considerable health and demographic information related to the mother, the increasing incidence of interracial parentage, and the growing proportion of births for which the race of the father is not reported.

Quantitatively, the change in the basis for tabulating live births and fetal deaths by race results in more white births and fetal deaths and fewer to the black population and to other races. As a consequence, infant, fetal, perinatal, and maternal mortality rates under the new classification tend to be lower for white infants and higher for infants of other races (Table A). In general, discontinuities are larger for infant and maternal mortality rates, where only the denominator of the rate is affected by the change, than for fetal and perinatal mortality rates, where both the numerator and the denominator are affected. For some minority race groups, the effect of the change is quite large.

The change in the race classification of live births and fetal deaths presents challenges to those analyzing infant, fetal, perinatal, and maternal mortality data, particularly trend data. To facilitate analysis of infant mortality by race, reports will be prepared showing historic data tabulated by race of mother.

Comparison of race data from birth and death certificates
—Regardless of whether vital events are tabulated by race of mother or by race of child, there are inconsistencies in reporting race for the same infant between birth and death certificates, based on results of studies in which race on the birth and death certificates for the same infant were compared (22).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, under-estimates for specified races other than white or black. In the computation of race-specific infant mortality rates published in Vital Statistics of the United States, the race item for the numerator comes from the death certificate, and for the denominator, from the birth certificate. Biases in the rates may arise because of possible inconsistencies in reporting race on these two vital records. Race of the mother and father is reported on the birth certificate by the mother at the time of delivery; whereas race of the deceased infant is reported on the death certificate by the funeral director based on observation or on information supplied by an informant, such as a parent. Previous studies have noted that the race of an infant who died and was of a smaller minority race group to sometimes be reported as white on the death certificate, but as of the minority race on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (22).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth

cohorts based on the newly-available linked birth and infant death data set (23,24) with period rates based on mortality data published in Vital Statistics of the United States (VSUS) for the same year(s). In this comparison, cohort rates are based entirely on the linked data set while period rates are constructed using a numerator (infant deaths) based on mortality data published in VSUS and a denominator (live births) based on the linked data set.

The comparison of cohort and period rates is somewhat affected by small differences in the events included in the numerators of the two rates. The numerator of the cohort rate is comprised of infant deaths to the cohort of infants born in a calendar year whereas the numerator of the period rate is comprised of infant deaths that occur in the calendar year.

Based on comparing infant mortality rates from the linked data set for the birth cohorts of 1984-85 with period rates constructed for 1984-85, bias in the rates for the two major race groups—white and black—is small (Table B). In contrast, period rates for the smaller race groups are estimated to be lower than cohort rates by 10 to 50 percent. Cohort rates have not been adjusted to reflect the approximately 2 percent of infant death records that were not linked to their corresponding birth records. Because of systematic understatement of infant mortality rates based on period data, one should use data from the national linked files to measure infant mortality for these groups. For the major race groups, period data are a close approximation of the rates based on linked files.

Hispanic origin—Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin (see section "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 43 reporting States and the District of Columbia. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1989 was 2.6 percent and the percent of live births of unknown origin was 1.1 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are underestimated. In addition, as discussed above for specified races, period infant mortality rates for specific Hispanic-origin groups tend to be underestimated when compared with rates based on the national linked birth and infant death data set as shown in Table C. Comparisons are also affected by the approximate 2 percent of infant death records that are not linked to their corresponding birth record.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986 with data for 1989, because the reporting area for Hispanic data has expanded from 18 reporting States and the District of Columbia in 1986 to 43 reporting States and the District of Columbia in 1989. The Hispanic reporting area for 1986 included: Arizona, Arkansas, California, Colorado, District of Columbia, Georgia, Hawaii, Illinois, Indiana, Kansas, Mississippi, Nebraska, New Jersey, New York, North Dakota, Ohio, Texas, Utah and Wyoming.

Small numbers of infant deaths for specific Hispanic-origin groups can result in infant mortality rates subject to relatively large random variation (see section "Random variation in numbers of deaths, death rates, and mortality rates and ratios").

Tabulation list—Causes of death for infants are tabulated according to a list of causes that is different from the list of causes for the population of all ages, except for the Each Cause List. (See section "Cause-of-death classification.")

California—From 1985 to 1988, data on age at death for California, were biased in the categories 1-23 hours and 1 day because of processing errors that affected selected infants who died within 24 hours after birth. Specifically, some infants who died within 1-23 hours of birth were erroneously coded as dying at 1 day after birth.

Beginning with 1985 data, California provided NCHS with computer tapes of precoded mortality data through the Vital Statistics Cooperative Program (VSCP); whereas prior to 1985, data from the State of California were based on information coded by NCHS from copies of original death certificates. The effect of these errors on national data, for the years 1985-88 shown in table 2-3 is negligible. The problem has been identified and corrected for 1989 and subsequent years.

Fetal deaths

In May 1950 the World Health Organization (WHO) recommended that the following definition of fetal death be adopted for international use:

Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (25).

The term "fetal death" was defined on an all-inclusive basis to end confusion arising from the use of such terms as stillbirth, spontaneous abortion, and miscarriage.

Shortly thereafter, this definition of fetal death was adopted by the National Center for Health Statistics (NCHS) as the nationally recommended standard. Currently all registration areas except Puerto Rico have definitions similar to the standard definition (26). Puerto Rico has no formal definition.

As another step toward increasing the comparability of data on fetal deaths for different countries, WHO recommended that for statistical purposes fetal deaths be classified as early, intermediate, and late. These groups are defined as follows:

Less than 20 completed weeks of gestation (early fetal deaths).....	Group I
20 completed weeks of gestation but less than 28 (intermediate fetal deaths).....	Group II
28 completed weeks of gestation and over (late fetal deaths).....	Group III
Gestation period not classifiable in groups I, II, and III.....	Group IV

Note that in table 3-11, group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more.

Until 1939 the nationally recommended procedure for registration of a fetal death required the filing of both a live-birth and a death certificate. In 1939 a separate Standard Certificate of Stillbirth (fetal death) was created to replace the former procedure. This was revised in 1949, 1955, 1956, 1968, 1978, and 1989. The 1989 U.S. Standard Report of Fetal Death is shown in figure 7-B.

The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (27) recommended that spontaneous fetal deaths at a gestation of 20 weeks or more or a weight of 350 grams or more and all induced terminations of pregnancy regardless of gestational age be reported and further that they be reported on separate forms. These forms are to be considered legally required statistical reports rather than legal documents.

Beginning with 1970 fetal deaths, procedures were implemented that attempted to separate reports of spontaneous fetal deaths from those of induced terminations of pregnancy. These procedures were implemented because the health implications are different for spontaneous fetal deaths than

for induced terminations of pregnancy. These procedures are still in use.

Comparability and completeness of data—Registration area requirements for reporting fetal deaths vary. Most of these areas require reporting of fetal death at gestations of 20 weeks or more. Table D shows the minimum period of gestation required by each State for fetal-death reporting. There is substantial evidence that not all fetal deaths for which reporting is required are reported (28).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State. Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring at younger gestational ages are less completely reported. The reporting of fetal deaths at 20-23 weeks of gestation may be more complete for those States that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by State, most of the tables in section 3 are based on fetal deaths occurring at gestations of 20 weeks or more. These tables also include fetal deaths for which gestation is not stated for those States requiring reporting at 20 weeks or more gestation only. Beginning with 1969, fetal deaths of not stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birth weight of 500 grams or more. In 1989 this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year there are some exceptions to this procedure.

Arkansas—Since 1971, Arkansas has been using two reporting forms for fetal deaths: A confidential Spontaneous Abortion form that is not sent to the National Center for Health Statistics (NCHS) and a Fetal Death Certificate that is. During the period 1971 through 1980, it is believed that most spontaneous fetal deaths of less than 20 weeks' gestation were reported on the confidential form and, therefore, were not reported to NCHS. During the period 1981 through 1983, Arkansas specified that fetal deaths of less than 28 weeks' gestation or weighing less than 1,000 grams could be reported on the confidential form; beginning with 1984 data, the State specified that fetal deaths of 20 weeks' gestation or weighing 500 grams be reported on the Fetal Death Certificate. Because of these changes, the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981-83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984-89. It

is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Colorado—While Colorado State law requires reporting fetal deaths of all periods of gestation, beginning in 1989, the State only provides to NCHS data for fetal deaths of 20 weeks gestation or more.

Maine—Maine uses two reporting forms for fetal deaths: A Report of Abortion (Spontaneous and Induced) and a Report of Fetal Death. Most spontaneous fetal deaths at less than 20 weeks' gestation are reported on the Report of Abortion, and, therefore, are excluded from fetal death counts in this volume.

Maryland—From the counts of frequencies by month, it appears that not all fetal deaths occurring in the first quarter of 1989 were reported. This may account in part for the decrease in the reported number of fetal deaths and in fetal mortality rates for Maryland between 1988 and 1989.

Wisconsin—Beginning in 1986, Wisconsin changed its reporting requirements for spontaneous fetal deaths from "20 weeks" to "20 weeks or 350 grams."

Revised Report of Fetal Death for 1989—Beginning with data for 1989, new items were added to the U.S. Standard Report of Fetal Death, including Hispanic origin of the mother and father, medical and other risk factors of pregnancy, obstetric procedures, and method of delivery. In addition, questions on complications of labor and delivery and congenital anomalies of fetus were changed from an open-ended to a checkbox format, to ensure more complete reporting of information. However, because of differences in implementation dates of the new fetal death report between States, and because of inexperience in reporting and processing the new items, reporting of the new items in individual States may not be complete for 1989. The data quality and completeness of many of these items are being evaluated.

Period of gestation—The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of delivery. The first day of the LMP is used as the initial date because it can be more accurately determined than the date of conception, which usually occurs 2 weeks after LMP. Data on period of gestation are computed from information on "date of delivery" and "date last normal menses began." If "date last normal menses began" is not on the record or if the calculated gestation falls beyond a duration considered

biologically plausible, the "Physician's estimate of gestation" is used.

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birth weight (29). Briefly, if LMP gestation is inconsistent with birth weight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birth weight is assigned to unknown. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows:

- 1 - 3 months to under 16 weeks
- 4 months to 16 - 19 weeks
- 5 months to 20 - 23 weeks
- 6 months to 24 - 27 weeks
- 7 months to 28 - 31 weeks
- 8 months to 32 - 35 weeks
- 9 months to 40 weeks
- 10 months and over to 43 weeks and over

All areas reported LMP in 1989 except Puerto Rico, and all areas reported physician's estimate of gestation except California, the District of Columbia, Louisiana, Maryland, and Oklahoma. Nebraska was also excluded because of the large proportion of unknown.

Birth weight—Most of the 55 registration areas do not specify how weight should be given, that is, in pounds and ounces or in grams. In the tabulation and presentation of birth weight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birth weight specified in pounds and ounces is assigned the equivalent of the gram intervals, as follows:

Less than 350 grams	=	0 lb	12 oz	or less
350 - 499 grams	=	0 lb	13 oz	- 1 lb 1 oz
500 - 999 grams	=	1 lb	2 oz	- 2 lb 3 oz
1,000 - 1,499 grams	=	2 lb	4 oz	- 3 lb 4 oz
1,500 - 1,999 grams	=	3 lb	5 oz	- 4 lb 6 oz
2,000 - 2,499 grams	=	4 lb	7 oz	- 5 lb 8 oz
2,500 - 2,999 grams	=	5 lb	9 oz	- 6 lb 9 oz
3,000 - 3,499 grams	=	6 lb	10 oz	- 7 lb 11 oz
3,500 - 3,999 grams	=	7 lb	12 oz	- 8 lb 13 oz
4,000 - 4,499 grams	=	8 lb	14 oz	- 9 lb 14 oz
4,500 - 4,999 grams	=	9 lb	15 oz	- 11 lb 0 oz
5,000 grams or more	=	11 lb	1 oz	or more

With the introduction of ICD-9, the birth-weight classification intervals for perinatal mortality statistics were shifted downward by 1 gram, as shown above. Previously, the intervals were, for example, 1,001-1,500; 1,501-2,000; and so forth. Beginning in 1989, NCHS instituted a consistency check between birth weight and gestation; see previous section on gestation.

Race—Beginning with data for 1989, NCHS changed the method of tabulating fetal death, perinatal, and live birth data by race from race of child to race of mother. This has resulted in a discontinuity in fetal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths", under Infant deaths.

Hispanic origin of mother—Fetal mortality data for the Hispanic-origin population are based on fetal deaths to mothers of Hispanic origin who were residents of those States and the District of Columbia that included items on the report of fetal death to identify Hispanic or ethnic origin of mother. Data for 1989 were obtained from 44 States; areas not supplying data were the District of Columbia, Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1989, fetal and perinatal mortality data in table 3-19 are for a reporting area of 44 States and tables 3-20, 4-6 and 4-7 are for a reporting area of 31 States that had an item on Hispanic or ethnic origin on the death certificate, birth certificate, and report of fetal death, and whose data for all three files were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The States included are Alabama, Arizona, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 31 reporting States for which fetal and perinatal data by Hispanic origin are shown accounted for about 75 percent of the Hispanic population in 1980, including 92 percent of the Mexican population, 27 percent of the Puerto Rican population, 75 percent of the Cuban population, and 57 percent of the "Other Hispanic" population (10). Accordingly, caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Puerto Ricans) of the entire United States. (See also section on Hispanic origin under Classification of Data).

Total-birth order—Total-birth order refers to the sum of the live births and other terminations (including both spontaneous fetal deaths and induced terminations of pregnancy) that a woman has had, including the fetal death being recorded. For example, if a woman has previously given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

Beginning with implementation of the 1989 revision of the U. S. Standard Report of Fetal Death, total-birth order is calculated from three items on pregnancy history: Number of previous live births, now living; number of previous live births, now dead; and number of other terminations (spontaneous and induced at anytime after conception). For prior years, total-birth order was calculated from four items, see the Technical Appendix From Vital Statistics of the United States 1988, Volume II, Mortality, Part A.

While all registration areas use the two standard items pertaining to the number of previous live births, there are differences between registration areas in the wording of the item on other terminations of pregnancy. Total-birth order for all areas is calculated from the sum of available information. Thus, information on total-birth order may not be completely comparable among the registration areas. In addition, there may be substantial underreporting of other terminations of pregnancy on the fetal death report.

Marital status—Table 3-3 shows fetal deaths and fetal-death rates by mother's marital status. The following states were excluded from this table because their report of fetal death did not include an item on marital status: California, Connecticut, Maryland, Michigan, Nevada, New York (including New York City), Ohio, and Texas. Because live births comprise the denominator of the rate, marital status must also be reported for mothers of live births. Marital status of the mother of the live birth is inferred for States that did not report it on the birth certificate.

Beginning with data for 1989, fetal deaths with marital status not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal deaths with stated marital status that fall into each category. Prior to 1989, fetal deaths with not-stated marital status were assigned to the married category. Because of this change, fetal death frequencies and rates by marital status for 1989 are not strictly comparable with those for previous years.

There are no quantitative data on the characteristics of unmarried women who do not report, or misreport their marital status or who fail to register fetal deaths. Underreporting may be greater for the unmarried group than for the married group.

Age of mother—Beginning with data for 1989, the U.S. Standard Report of Fetal Death asks for the mother's date of birth. Age of mother is computed from the mother's date of birth and the date of the termination of the pregnancy. For those States whose certificates do not contain an item on the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years of age and over, the age of the mother is considered not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

Sex of fetus—Beginning with data for 1989, for all fetal deaths of 20 or more weeks gestation, not-stated sex of fetus is assigned the sex of the fetus from the previous record. Prior to 1989, no such assignment was made.

Plurality—All registration areas except Louisiana report the plurality of the fetus. Although Louisiana has not reported this item for many years, prior to 1989, data for Louisiana was erroneously converted to a plurality of 1 (single birth), and included in United States totals. Beginning 1989, Louisiana is excluded from tables reporting plurality of the fetus. For reporting areas, not-stated plurality of the fetus is assigned to single births.

Perinatal mortality

Perinatal definitions—Beginning with data year 1979, perinatal mortality data for the United States and each State have been published in section 4. The World Health Organization, in its ICD-9, recommends that "national perinatal statistics should include all fetuses and infants delivered weighing at least 500 grams (or when birth weight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead...." It further recommends that "countries should present, solely for international comparisons, 'standard perinatal statistics' in which both the numerator and denominator of all rates are restricted to fetuses and infants weighing 1,000 grams or more (or, where birth weight is unavailable, the corresponding gestational age (28 weeks)

or body length (35 cm crown-heel))." Because birth weight and gestational age are not reported on the death certificate in the United States, NCHS was unable to adopt these definitions. Three definitions of perinatal mortality are currently used by NCHS: Perinatal Definition I, generally used for international comparisons, which includes fetal deaths of 28 weeks' gestation or more and infant deaths of less than 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 7 days.

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among States. Because reporting is generally poorer near the lower limit of the reporting requirement, States that require reporting of all products of pregnancy regardless of gestation are likely to have more complete reporting of fetal deaths at 20 weeks or more than are other States. The larger number of fetal deaths reported for these "all periods" States may result in higher perinatal mortality rates than those rates reported for States whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the State perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20-27 weeks.

Not stated—Fetal deaths with gestational age not stated are presumed to be of 20 weeks' gestation or more if the State requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those States requiring reporting of all fetal deaths regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more, according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

The allocation of not-stated gestational age for fetal deaths is made individually for each State, for metropolitan and nonmetropolitan areas, and separately for the United States as a whole. Accordingly, the sum of perinatal deaths for the areas according to Definition I may not equal the total number of perinatal deaths for the United States.

Race—Beginning with the 1989 data year, NCHS has changed the method of tabulating fetal death and live birth data by race from race of child to race of mother. This has resulted

in a discontinuity in perinatal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths" under Infant deaths.

Hispanic origin—See section on "Hispanic origin of mother" under Fetal deaths.

QUALITY OF DATA

Completeness of registration

All States have adopted laws that require the registration of births and deaths, and the reporting of fetal deaths. It is believed that more than 99 percent of the births and deaths occurring in this country are registered.

Reporting requirements for fetal deaths vary somewhat from State to State (see "Comparability and completeness of data"). Overall reporting is not as complete for fetal deaths as for births and deaths, but it is believed to be relatively complete for fetal deaths at a gestation of 28 weeks or more. National statistical data on fetal deaths include only fetal deaths occurring at a stated or presumed gestation of 20 weeks or more.

Massachusetts data

The 1964 statistics for deaths exclude approximately 6,000 events registered in Massachusetts, primarily to residents of that State. Microfilm copies of these records were not received by NCHS. Figures for the United States and the New England Division are also somewhat affected.

Alabama data

The 1988 statistics for deaths show no deaths assigned to the City of Prattville in Autauga County. The death records that should have been assigned to this area were instead assigned to the Balance of County due to a processing error.

Quality control procedures

Demographic items on the death certificate—As previously indicated, for 1989 the mortality data for these items were obtained from two sources: Photocopies of the original certificates furnished by the Virgin Islands and Guam and records on data tape furnished by the 50 States, the District of Columbia, New York City, and Puerto Rico. For the Virgin Islands and Guam, which sent only copies of the original certificates, the demographic items were coded for 100

percent of the death certificates. The demographic coding for 100 percent of the certificates was independently verified.

As part of the quality control procedures for mortality data, each registration area goes through a calibration period, during which it must achieve the specified error tolerance level of 2 percent per item for 3 consecutive months, based on independent verification by NCHS of a 50-percent sample of that area's records. Once the area has achieved the required error tolerance level, a sample of 70-80 records per month is used to monitor quality of coding. All areas providing data on computer tapes prior to 1989 have achieved the specified error tolerance; accordingly, the demographic items on about 70-80 records per area per month were independently verified by NCHS. The estimated average error rate for all demographic items in 1989 was 0.25 percent.

These verification procedures involve controlling for two types of error (coding and entering into the data record tape) at the same time, and the error rates are a combined measure of both types. It may be assumed that the entering errors are randomly distributed across all items on the record, but this assumption cannot be made as readily for coding errors. Although systematic errors in coding infrequent events may escape detection during sample verification, it is probable that some of these errors were detected during the initial period when 50 percent of the file was being verified, thus providing an opportunity to retrain the coders.

Medical items on the death certificate—As is true for demographic data, mortality medical data are also subject to quality control procedures to control for errors of both coding and data entry. Each of the 30 registration areas that in 1989 furnished NCHS with coded medical information according to NCHS specifications first had to qualify for sample verification. During an initial calibration period, the area had to demonstrate that its staff could achieve a specified error tolerance level of less than 5 percent for coding all medical items. After the area had achieved the required error tolerance level, a sample of 70-80 records per month was used to monitor quality of medical coding. For the 30 reporting States, the average coding error rate in 1989 was estimated at just over 4 percent.

For the remaining 20 States, the District of Columbia, New York City, Puerto Rico, the Virgin Islands, and Guam, NCHS coded the medical items for 100 percent of the death records. A 1-percent sample of the records was independently coded for quality control purposes. The estimated average error rate for these areas was about 3 percent.

The ACME system for selecting the underlying cause of death through computer application contributes to the quality control of medical items on the death certificate. (See section "Automated selection of underlying cause of death.")

Demographic items on the report of fetal death—For 1989, all data on fetal deaths, except for New York State (excluding New York City), were coded under contract by the U.S. Bureau of the Census. Coding and entering of information on data tapes were verified on a 100-percent basis because of the relatively small number of records involved.

Other control procedures—After coding and entering on data tape are completed, record counts are balanced against control totals for each shipment of records from a registration area. Editing procedures ensure that records with inconsistent or impossible codes are modified. Inconsistent codes are those, for example, indicating a contradiction between cause of death and age or sex of the decedent. Records so identified during the computer editing process are either corrected by reference to the source record or adjusted by arbitrary code assignment (30). Further, conditions specified on a list of infrequent or rare causes of death are confirmed by the certifier or a State Health Officer. All subsequent operations in tabulating and in preparing tables are verified during the computer processing or by statistical clerks.

Estimates of errors arising from 50-percent sample for 1972

Death statistics for 1972 in this report (excluding fetal-death statistics) are based on a 50-percent sample of all deaths occurring in the 50 States and the District of Columbia. A description of the sample design and a table of the percent errors of the estimated numbers of deaths by size of estimate and total deaths in the area are shown in the Technical Appendix From Vital Statistics of the United States, 1972, Volume II, Mortality, Part A.

COMPUTATION OF RATES AND OTHER MEASURES

Population bases

The population bases from which death rates shown in this report are computed are prepared by the U.S. Bureau of the Census. Rates for 1940, 1950, 1960, 1970, and 1980 are based on the population enumerated as of April 1 in the censuses for those years. Rates for all other years use the estimated midyear (July 1) population. Death rates for the United States, individual States, and SMSA's are based on the total resident populations of the respective areas. Except as

noted, these populations exclude the Armed Forces abroad but include the Armed Forces stationed in each area.

The resident populations of the birth- and death-registration States for 1900-32 and of the United States for 1900-89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table E lists the sources for these populations.

Population estimates for 1989—The population of the United States estimated by age, race, and sex for 1989 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. Population estimates for 1984-89 incorporate new estimation procedures for net migration and net undocumented immigration. The 1989 estimates are comparable with those for 1984-88 but are not strictly comparable with the postcensal estimates for 1981-83 shown in tables 7-2 and 7-3 of Vital Statistics of the United States, Volume II, for those years. Although the death rates and estimates of life expectancy for 1984-89 are not strictly comparable with those for previous years, the trends for the total population and most age-race-sex groups are not substantially affected. For additional details, see the Technical Appendix From Vital Statistics of the United States, 1984, Volume II, and the report of the U.S. Bureau of the Census (31). Population data by race are consistent with the modified (see below) 1980 population by race.

Population for 1980—The population of the United States by age, race, and sex; and the population for each State by age are shown in tables 7-2 and 7-3, respectively, of Vital Statistics of the United States, 1980, Volume II. The figures by race have been modified as described below.

Changes in reporting practices affected the racial counts of the 1980 census, particularly those of the Hispanic population. Changes in coding and classifying practices also impacted the racial counts in the 1980 census. One particular change created a major inconsistency between the 1980 census data and historical data series, including censuses and vital statistics. About 40 percent of the Hispanic population counted in 1980, more than 5.8 million persons, did not mark one of the specified races listed on the census questionnaire but instead marked the "Other" category.

In the 1980 census, coding procedures were modified for persons who marked "Other" race and wrote in a national origin designation of a Latin American country or a specific Hispanic-origin group in response to the racial question. These persons remained in the "Other" racial category in 1980 census data; in previous censuses and in vital statistics,

such responses had almost always been coded into the "White" category.

To maintain comparability, the "Other" racial category in the 1980 census was reallocated to be consistent with previous procedures. Persons who marked the "Other" racial category and reported any Spanish origin on the Spanish origin question (5,840,648 persons) were distributed to white and black races in proportion to the distribution of persons of Hispanic origin who actually reported their race as "White" or "Black." This was done for each age-sex group.

As a result of this procedure, 5,705,155 persons (98 percent) were added to the white population and 135,493 persons (2 percent) to the black population. Persons who marked the "Other" racial category and reported that they were not of Spanish origin (916,338 persons) were distributed as follows: 20 percent in each age-sex group were added to the "Asian and Pacific Islander" category (183,268 persons), and 80 percent were added to the "White" category (733,070 persons). The count of American Indians, Eskimos, and Aleuts was not affected by these procedures. Unpublished tabulations of these modified census counts were obtained from the U.S. Bureau of the Census and used to compute the rates for this volume.

Population estimates for 1971-79—Death rates in this volume for 1971-79 used revised population estimates that are consistent with the 1980 census levels. The 1980 census enumerated approximately 5.5 million more persons than had previously been estimated for April 1, 1980 (32). These revised estimates for the United States by age, race, and sex are published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, Number 917. Unpublished revised estimates for States were obtained from the U.S. Bureau of the Census. For Puerto Rico, the Virgin Islands, and Guam, revised estimates are published in Current Population Reports, Series P-25, Number 919.

Population estimates for 1961-69—Death rates in this volume for 1961-69 are based on revised estimates of the population and thus may differ slightly from rates published before 1976. The rates shown in tables 1-1 and 1-2, the life table values in table 6-5, and the population estimates in table 7-1 for each year in the period 1961-69 have been revised to reflect modified population bases, as published in the U.S. Bureau of the Census, Current Population Reports, Series P-25, Number 519. The data shown in table 1-10 for 1961-69 have not been revised.

Rates and ratios based on live births—Infant and maternal mortality rates, and fetal death and perinatal mortality

ratios, are computed on the basis of the number of live births. Fetal death and perinatal mortality rates are computed on the basis of the number of live births and fetal deaths. Counts of live births are published annually in Vital Statistics of the United States, Volume I, Natality.

New Jersey—As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 the, NCHS estimated a population by age, race, and sex that excluded New Jersey for rates shown by race. The methodology used to estimate the revised population excluding New Jersey is discussed in the Technical Appendixes of the 1962 and 1963 volumes.

Net census undercount

Just as the underenumeration of deaths and the misreporting of demographic characteristics on the death certificate can introduce error into the annual rates, so can enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (33). Net census undercount is the result of miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by both the net census undercount and the misreporting of age on the death certificate (34). To the extent that the net undercount is substantial and that it varies among subgroups and geographic areas, it may have important consequences for vital statistics measures.

Although death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, rates in this volume are not adjusted; rather, they are computed using population estimates that preserve the age pattern of the net census undercount across the postcensal interval. Thus, it is important to consider the possible impact of net census undercount on death rates.

The U.S. Bureau of the Census has conducted extensive research on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex) in the last four decennial censuses-- 1950, 1960, 1970, and 1980. From this work have come estimates of the national population that was not counted by age, race, and sex (35,36). The reports for 1980 include estimates of net census undercount using alternative methodological assumptions for age, race, and sex subgroups of the national population (37). These studies indicate that, although coverage was improved over previous censuses,

there was differential coverage in the 1980 census among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

Net census undercounts can affect levels of the observed vital rates, differences among groups, and levels and group differences shown by summary measures such as age-adjusted death rates and life expectancy.

Levels and differentials—If adjustments were made for net census undercount, the size of denominators of the death rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1980 can be computed by multiplying the reported rates by ratios of the census-level resident population to the resident population adjusted for the estimated net census undercount (table 7-4). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0—indicating a net census overcount—multiplied by the reported rate results in an increase in the death rate.

Coverage ratios for all ages show that, in general, females were more completely enumerated than males and the white population more completely than the population of all other races in the 1980 Census of Population. The black population was undercounted relative to the total population of all other races.

For the total population, underenumeration varied by age group, with the greatest differences found for persons aged 80-84 and 85 years and over. All other age groups were overcounted or undercounted by less than 3 percent.

Among the age-sex-race groups, coverage was lowest for black males aged 40-44 and 45-49 years. Underenumeration for these groups was 19 percent. In contrast, white females in these age groups were essentially completely enumerated. For black females and white males in these same age groups, the undercount ranged from 3 to 6 percent. For the under-1-year age group, the white population was overenumerated by 2 percent, whereas infants of other races were underenumerated by 9 percent.

If vital statistics measures were calculated with adjustments for net census undercounts for each population subgroup, the resulting rates would be differentially reduced from their original levels; that is, rates for those groups with the greatest estimated undercounts would show the greatest relative reductions due to these adjustments. Similar effects would be evident in the opposite direction for groups with overcounts. As a consequence, the ratio of

mortality between the rates for males and females, and between the rates for the white population and the population of other races, or the black population, usually would be reduced.

Similarly, the differences between the death rates among subgroups of the population by cause of death would be affected by adjustments for net census undercounts. For example, for the age group 35-39 years in 1980, the ratio of the death rate for Homicide and legal intervention for black males to that for white males is 7.3, whereas the ratio of the death rates adjusted for net census undercount is 6.2. For Ischemic heart disease for males aged 40-44 years, the ratio of the death rate for the population of all other races to that for the white population is 1.2 using the unadjusted rates, but it is 1.1 when adjusted for estimated underenumeration.

Summary measures—The effect of net census undercount on age-adjusted death rates depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1980 for All causes would decrease from 585.8 to 579.3 per 100,000 population if the age-specific death rates were corrected for net census undercount.

For Diseases of the heart, the age-adjusted death rate for white males would decrease from 277.5 to 273.0 per 100,000 population, a decline of 1.3 percent. For black males the change, from an unadjusted rate of 327.3 to an adjusted rate of 308.3, would amount to 5.8 percent.

If death rates by age were adjusted, then the corresponding life expectancy at birth computed from these rates would change. The importance of adjustments varies by age; that is, when calculating life expectancy, the impact of an undercount or overcount is greatest at the younger ages. In general, the effect of correcting the death rates is to increase the estimate of life expectancy at birth. Differential underenumeration among race-sex groups would lead to greater changes in life expectancy for some groups than for others. For white females who were completely enumerated in 1980, revised estimates of life expectancy would remain roughly constant; those for black males would show the greatest increase.

Age-adjusted death rates

Age-adjusted death rates shown in this volume are computed using the distribution in 10-year age intervals of the enumerated population of the United States in 1940 as the standard population. Each figure represents the rate that

would have existed had the age-specific rates of the particular year prevailed in a population whose age distribution was the same as that of the United States in 1940. The rates for the total population and for each race-sex group were adjusted using the same standard population. It is important not to compare age-adjusted death rates with crude rates. The standard 1940 population, on the basis of one million total population, is as follows:

<u>Age</u>	<u>Number</u>
All ages.....	1,000,000
Under 1 year.....	15,343
1-4 years.....	64,718
5-14 years.....	170,355
15-24 years.....	181,677
25-34 years.....	162,066
35-44 years.....	139,237
45-54 years.....	117,811
55-64 years.....	80,294
65-74 years.....	48,426
75-84 years.....	17,303
85 years and over.....	2,770

Life Tables

U.S. abridged life table are constructed by reference to a standard table (38). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-89 abridged life tables. With the availability of the 1979-81 standard life tables, revised life table values were computed for 1980-82; these appeared for the first time in Vital Statistics of the United States, 1983.

Life tables for the decennial period 1969-71 are used as the standard life tables in constructing the 1970-79 abridged life tables. Life table values for 1970-73 were first revised in Vital Statistics of the United States, 1977; before 1977, life table values for 1970-73 were constructed using the 1959-61 decennial life tables. In addition, life table values for 1951-59, 1961-69, and 1971-79 appearing in this volume are based on revised intercensal estimates of the populations for those years. As such, these life table values may differ from life table values for those years published in previous volumes.

The change in the population estimation methodology (see above section "Population bases") results in life expectancies at certain 5-year age intervals for 1984-89 that are lower than those that would have resulted had they been based on the same methodology used to compute 1983 life

expectancies. For additional details, see Technical Appendix for Vital Statistics of the United States, 1984, Volume II.

There has been an increasing interest in data on the average length of life ($^{\circ}e_0$) for single calendar years before the initiation of the annual abridged life table series for selected race-sex groups in 1945. The figures in table 6-5 for the race and sex groups for the following years were estimated to meet these needs (39).

<u>Years</u>	<u>Race and sex groups</u>
1900-45.....	Total
1900-47.....	Male
1900-47.....	Female
1900-50.....	White
1900-44.....	White, male
1900-44.....	White, female
1900-50.....	All other
1900-44.....	All other, male
1900-44.....	All other, female

The geographic areas covered in life tables before 1929-31 were limited to the death-registration areas. Life tables for 1900-1902 and 1909-11 were constructed using mortality data from the 1900 death-registration States—10 States and the District of Columbia—and for 1919-21 from the 1920 death-registration States—34 States and the District of Columbia. The tables for 1929-31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959-61 were derived from data that include both Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. It is believed that the inclusion of these two States does not materially affect life table values.

Random variation in numbers of deaths, death rates, and mortality rates and ratios

Deaths and population-based rates—Except for 1972, the numbers of deaths reported for a community represent complete counts of such events. As such, they are not subject to sampling error, although they are subject to errors in the registration process. However, when the figures are used for analytical purposes, such as the comparison of rates over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances (40). The probable range of values may be

estimated from the actual figures according to certain statistical assumptions.

In general, distributions of vital events may be assumed to follow the binomial distribution. Estimates of standard error and tests of significance under this assumption are described in most standard statistics texts. When the number of events is large, the standard error, expressed as a percent of the number or rate, is usually small.

When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described by the figures. This is particularly true for infant mortality rates, cause-specific death rates, and death rates for counties. Events of a rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate a confidence interval, as follows.

If N is the number of registered deaths in the population and R is the corresponding rate, the chance is 19 in 20 that

$$1. N-2\sqrt{N} \quad \text{and} \quad N+2\sqrt{N}$$

covers the "true" rate.

$$2. R-2\frac{R}{\sqrt{N}} \quad \text{and} \quad R+2\frac{R}{\sqrt{N}}$$

covers the "true" rate.

If the rate R_1 corresponding to N_1 events is compared with the rate R_2 corresponding to N_2 events, the difference between the two rates may be regarded as statistically significant at the 0.05 level of significance, if it exceeds

$$2\sqrt{\frac{R_1^2}{N_1} + \frac{R_2^2}{N_2}}$$

For example, if the observed death rate for a community were 10.0 per 1,000 population and if this rate were based on 20 recorded deaths, then the chance is 19 in 20 that the "true" death rate for that community lies between 5.5 and 14.5 per 1,000 population. If the death rate for this community of 10.0 per 1,000 population were being compared with a rate of 15.0 per 1,000 population for a second community, which is based on 25 recorded deaths, then the difference between the rates for the two communities is 5.0. This difference is less than twice the standard error of the difference

$$2\sqrt{\frac{(10.0)^2}{20} + \frac{(15.0)^2}{25}}$$

of the two rates, which is computed to be 7.5. From this, it is concluded that the difference between the rates for the two communities is not statistically significant at the 0.05 level of significance.

Rates, proportions, and ratios—Beginning in 1989 an asterisk is shown in place of a rate based on fewer than 20 deaths. These rates have a relative standard error of 23 percent or more and are, therefore, considered highly variable. For age-adjusted death rates, this criterion is applied to the sum of the age-specific deaths.

SYMBOLS USED IN TABLES

Data not available----- ---

Category not applicable----- ...

Quantity zero----- -

Quantity more than zero but less than 0.05----- 0.0

Figure does not meet standard of reliability or precision (estimate is based on fewer than 20 events in numerator or denominator)----- *

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SECTION 7 - TECHNICAL APPENDIX

Table A. Ratio of infant, neonatal, postneonatal, maternal, and perinatal rates, with race for live births tabulated according to race of mother to those with race for live births tabulated according to race of child: United States, 1989

Race	Infant deaths	Neonatal deaths	Postneonatal deaths	Maternal deaths	Fetal deaths	<u>Perinatal definition</u>		
						I	II	III
All races	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
White	0.98	0.98	0.98	0.98	1.00	0.99	0.99	0.99
Black	1.05	1.05	1.05	1.05	1.02	1.04	1.04	1.04
American Indian	1.25	1.25	1.25	*	1.07	1.17	1.14	1.13
Chinese	1.07	1.07	1.07	*	0.99	1.03	1.03	1.02
Japanese	1.22	1.22	*	*	0.94	1.06	1.05	1.05
Hawaiian	1.45	1.45	1.45	*	1.15	1.31	1.28	1.26
Filipino	1.06	1.06	1.06	*	1.03	1.04	1.04	1.04
Other Asian	1.09	1.09	1.09	*	1.01	1.04	1.04	1.04
Other nonwhite	*	*	*	*	1.03	1.21	1.21	1.21

SECTION 7 - TECHNICAL APPENDIX

Table B. Infant mortality rates by race of mother for the period 1984-85 and for birth cohorts, 1984-85; and ratio of birth cohort to period rates: United States
 [Rates per 1,000 live births in specified groups]

Race	Period rate 1984-85	Birth cohort rate 1984-85	Ratio cohort/ period rates
All races	10.7	10.4	0.97
White	9.3	8.9	0.96
Black	19.1	18.4	0.96
American Indian	11.7	13.2	1.13
Chinese	5.9	6.5	1.10
Japanese	5.3	6.2	1.17
Filipino	5.4	8.1	1.50
Other Asian	7.8	9.1	1.17
Other nonwhite	7.7	9.8	1.27

NOTE: Births for race not stated are not distributed.

SECTION 7 - TECHNICAL APPENDIX

Table C. Infant mortality rates by specified Hispanic origin of mother for the period 1986 and birth cohort 1986; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia, 1986

[Rates per 1,000 live births in specified group. Figures for origin not stated included in "All origins" but not distributed among origin groups]

Origin	Period rate 1986	Birth cohort rate 1986	Ratio cohort/ period rates
All Origins	10.2	9.9	0.97
Hispanic total	8.0	8.4	1.05
Mexican	7.7	7.9	1.03
Puerto Rican	8.6	11.8	1.37
Cuban	*	8.2	*
Other Hispanic ¹	9.1	8.4	0.9
NonHispanic total ²	10.0	10.1	1.01
White	8.6	8.3	0.97
Black	16.9	17.8	1.05

¹Includes Central and South American, and other and unknown Hispanic.

²Includes races other than white and black.

SECTION 7 - TECHNICAL APPENDIX

Table D. Period of gestation at which fetal-death reporting is required: Each reporting area, 1989

Area	All period of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Alabama			X						
Alaska			X						
Arizona			X ¹						
Arkansas	X ²								
California			X						
Colorado	X ²								
Connecticut			X						
Delaware			X						
District of Columbia						X			
Florida			X						
Georgia	X								
Hawaii	X								
Idaho				X					
Illinois			X						
Indiana			X						
Iowa			X						
Kansas								X	
Kentucky				X					
Louisiana				X					
Maine	X ²								
Maryland			X ³						
Massachusetts				X					
Michigan					X				
Minnesota			X						
Mississippi				X					
Missouri				X					
Montana			X						
Nebraska			X						
Nevada			X						
New Hampshire				X					
New Jersey			X						
New Mexico									X
New York									
New York excluding NYC	X								
New York City	X								
North Carolina			X						
North Dakota			X						
Ohio			X						
Oklahoma			X						
Oregon			X ⁴						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									X ⁵
Texas			X						
Utah			X						
Vermont			X ⁶						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						
Puerto Rico							X		
Virgin Islands	X								
Guam			X						

1. If gestational age is unknown, weight of 350 grams or more.
2. Although state law requires the reporting of fetal deaths of all periods of gestation, only data for fetal deaths of 20 weeks or more gestation are provided to NCHS.
3. If gestational age is unknown, weight of 500 grams or more.
4. If gestational age is unknown, weight of 400 grams or more, or crown-heel of 28 centimeters or more.
5. If weight is unknown, 22 completed weeks' gestation or more.
6. If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

SECTION 7 - TECHNICAL APPENDIX

Table E. Source for resident population and population including Armed Forces abroad:
 Birth- and death-registration States, 1900-1932, and United States, 1900-1989

Year	Source
1989.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1057, 1990.
1988.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1045, 1990.
1986-87.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1022, Mar. 1988.
1985.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1000, Feb. 1987.
1984.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 985, Apr. 1986.
1983.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.965, Mar. 1985.
1982.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 949, May. 1984.
1981.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 929, May. 1983.
1980.....	U.S. Bureau of the Census, <u>U.S. Census of Population:1980, Number of Inhabitants,PC80-1A1, United States Summary, 1983.</u>
1971-79.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 917, July 1982.
1970.....	U.S. Bureau of Census, <u>U.S. Census of Population:1970, Number of Inhabitants,Final Report PC(1)-A1, United States Summary, 1971.</u>
1961-69.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 519, April 1974.
1960.....	U.S. Bureau of the Census, <u>U.S. Census of Population: 1960, Number of Inhabitants, PC (1)-A1, United States Summary, 1964.</u>
1951-59.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.310, June 30, 1965.
1940-50.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973.
1930-39.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <u>Vital Statistics Rates in the United States,1900-1940, 1947.</u>
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States,1900-1940, 1947.</u>
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

**U.S. STANDARD
CERTIFICATE OF DEATH**

	LOCAL FILE NUMBER		STATE FILE NUMBER		
TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE OTHER SIDE AND HANDBOOK	1. DECEDENT'S NAME (First,Middle,Last)		2. SEX	3. DATE OF DEATH (Month,Day,Year)	
	4. SOCIAL SECURITY NUMBER	5a. AGE—Last Birthday (Years)	5b. UNDER 1 YEAR Months | Days	5c. UNDER 1 DAY Hours | Minutes	6. DATE OF BIRTH (Month,Day,Year)	7. BIRTHPLACE (City and State or Foreign Country)
DECEDENT	8. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or no)		9a. PLACE OF DEATH (Check only one; see instructions on other side)		
			HOSPITAL: <input type="checkbox"/> Inpatient <input type="checkbox"/> ER/Outpatient <input type="checkbox"/> DOA <input type="checkbox"/> OTHER: <input type="checkbox"/> Nursing Home <input type="checkbox"/> Residence <input type="checkbox"/> Other (Specify)		
SEE INSTRUCTIONS ON OTHER SIDE	9b. FACILITY NAME (If not institution, give street and number)		9c. CITY, TOWN, OR LOCATION OF DEATH	9d. COUNTY OF DEATH	
	10. MARITAL STATUS—Married, Never Married, Widowed, Divorced (Specify)	11. SURVIVING SPOUSE (If wife, give maiden name)	12a. DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life. Do not use retired.)	12b. KIND OF BUSINESS/INDUSTRY	
	13a. RESIDENCE—STATE	13b. COUNTY	13c. CITY, TOWN, OR LOCATION	13d. STREET AND NUMBER	
	13a. INSIDE CITY LIMITS? (Yes or no)	13f. ZIP CODE	14. WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> No <input type="checkbox"/> Yes Specify:	15. RACE—American Indian, Black, White, etc. (Specify)	16. DECEDENT'S EDUCATION (Specify only highest grade completed) Elementary/Secondary (0-12) | College (1, 4 or 5)
NAME OF DECEDENT: For use by physician or institution	17. FATHER'S NAME (First,Middle,Last)		18. MOTHER'S NAME (First,Middle,Maiden Surname)		
	19a. INFORMANT'S NAME (Type/Print)		19b. MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)		
DISPOSITION	20a. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Removal from State <input type="checkbox"/> Donation <input type="checkbox"/> Other (Specify)		20b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)		20c. LOCATION—City or Town, State
	21a. SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH		21b. LICENSE NUMBER (of Licensee)	22. NAME AND ADDRESS OF FACILITY	
PRONOUNCING PHYSICIAN ONLY	Complete items 23a-c only when certifying physician is not available at time of death to certify cause of death.		23a. To the best of my knowledge, death occurred at the time, date, and place stated. Signature and Title	23b. LICENSE NUMBER	23c. DATE SIGNED (Month,Day,Year)
	24. TIME OF DEATH M	25. DATE PRONOUNCED DEAD (Month,Day,Year)		26. WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER? (Yes or no)	
SEE INSTRUCTIONS ON OTHER SIDE	27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.				Approximate Interval Between Onset and Death
	IMMEDIATE CAUSE (Final disease or condition resulting in death)		a. DUE TO (OR AS A CONSEQUENCE OF):		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST		b. DUE TO (OR AS A CONSEQUENCE OF):		
			c. DUE TO (OR AS A CONSEQUENCE OF):		
CAUSE OF DEATH	PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.			28a. WAS AN AUTOPSY PERFORMED? (Yes or no)	28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no)
	29. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Suicide <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month,Day,Year)	30b. TIME OF INJURY M	30c. INJURY AT WORK? (Yes or no)	30d. DESCRIBE HOW INJURY OCCURRED
SEE DEFINITION ON OTHER SIDE	31a. CERTIFIER (Check only one)		30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify)		
	<input type="checkbox"/> CERTIFYING PHYSICIAN (Physician certifying cause of death when another physician has pronounced death and completed Item 23) To the best of my knowledge, death occurred due to the cause(s) and manner as stated.		30f. LOCATION (Street and Number or Rural Route Number, City or Town, State)		
CERTIFIER	<input type="checkbox"/> PRONOUNCING AND CERTIFYING PHYSICIAN (Physician both pronouncing death and certifying to cause of death) To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.		<input type="checkbox"/> MEDICAL EXAMINER/CORONER On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.		
	31b. SIGNATURE AND TITLE OF CERTIFIER		31c. LICENSE NUMBER	31d. DATE SIGNED (Month,Day,Year)	
REGISTRAR	32. NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (ITEM 27) (Type/Print)				
	33. REGISTRAR'S SIGNATURE				34. DATE FILED (Month,Day,Year)

NATIONAL CENTER FOR HEALTH STATISTICS 1989 REVISION
 DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE

INSTRUCTIONS FOR SELECTED ITEMS

Item 9.— Place of Death

If the death was pronounced in a hospital, check the box indicating the decedent's status at the institution (inpatient, emergency room/outpatient, or dead on arrival (DOA)) If death was pronounced elsewhere, check the box indicating whether pronouncement occurred at a nursing home, residence, or other location. If other is checked, specify where death was legally pronounced, such as a physician's office, the place where the accident occurred, or at work.

Items 13-a-f. — Residence of Decedent

Residence of the decedent is the place where he or she actually resided. This is not necessarily the same as "home State," or "legal residence." Never enter a temporary residence such as one used during a visit, business trip, or a vacation. Place of residence during a tour of military duty or during attendance at college is not considered as temporary and should be considered as the place of residence.

If a decedent had been living in a facility where an individual usually resides for a long period of time, such as a group home, mental institution, nursing home, penitentiary, or hospital for the chronically ill, report the location of that facility in items 13a through 13f.

If the decedent was an infant who never resided at home, the place of residence is that of the parent(s) or legal guardian. Do not use an acute care hospital's location as the place of residence for any infant.

Items 23 and 31 — Medical Certification

The PRONOUNCING PHYSICIAN is the person who determines that the decedent is legally dead but who was not in charge of the patient's care for the illness or condition which resulted in death. Items 23a through 23c are to be completed only when the physician responsible for completing the medical certification of cause of death (Item 27) is not available at time of death to certify cause of death. The pronouncing physician is responsible for completing only items 23 through 26.

The CERTIFYING PHYSICIAN is the person who determines the cause of death (Item 27). This box should be checked only in those cases when the person who is completing the medical certification of cause of death is not the person who pronounced death (Item 23). The certifying physician is responsible for completing items 27 through 32.

The PRONOUNCING AND CERTIFYING PHYSICIAN box should be checked when the same person is responsible for completing items 24 through 32, that is, when the same physician has both pronounced death and certified the cause of death. If this box is checked, items 23a through 23c should be left blank.

The MEDICAL EXAMINER/CORONER box should be checked when investigation is required by the Post Mortem Examination Act and the cause of death is completed by a medical examiner or coroner. The Medical Examiner/Coroner is responsible for completing items 24 through 32.

Item 27. — Cause of Death

The cause of death means the disease, abnormality, injury, or poisoning that caused the death, not the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure.

In Part I, the immediate cause of death is reported on line (a). Antecedent conditions, if any, which gave rise to the cause are reported on lines (b), (c), and (d). The underlying cause, should be reported on the last line used in Part I. No entry is necessary on lines (b), (c), and (d) if the immediate cause of death on line (a) describes completely the train of events. **ONLY ONE CAUSE SHOULD BE ENTERED ON A LINE.** Additional lines may be added if necessary. Provide the best estimate of the interval between the onset of each condition and death. Do not leave the interval blank; if unknown, so specify.

In Part II, enter other important diseases or conditions that may have contributed to death but did not result in the underlying cause of death given in Part I.

See examples below.

SEE INSTRUCTIONS ON OTHER SIDE	27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.					Approximate Interval Between Onset and Death	
	IMMEDIATE CAUSE (Final disease or condition resulting in death) →	a	Rupture of myocardium <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		Mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST .	b	Acute myocardial infarction <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		6 days		
		c	Chronic ischemic heart disease <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		5 years		
CAUSE OF DEATH	PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I. Diabetes, Chronic obstructive pulmonary disease, smoking					28a. WAS AN AUTOPSY PERFORMED? (Yes or no) Yes	28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) Yes
29. MANNER OF DEATH <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> Suicide <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month, Day, Year) _____	30b. TIME OF INJURY _____ M	30c. INJURY AT WORK? (Yes or no) _____	30d. DESCRIBE HOW INJURY OCCURRED _____		
30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify) _____			30f. LOCATION (Street and Number or Rural Route Number, City or Town, State) _____				

SEE INSTRUCTIONS ON OTHER SIDE	27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.					Approximate Interval Between Onset and Death	
	IMMEDIATE CAUSE (Final disease or condition resulting in death) →	a	Cerebral laceration <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		10 mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST .	b	Open skull fracture <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		10 mins.		
		c	Automobile accident <small>DUE TO (OR AS A CONSEQUENCE OF)</small>		10 mins.		
CAUSE OF DEATH	PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I. _____					28a. WAS AN AUTOPSY PERFORMED? (Yes or no) No	28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) No
29. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input checked="" type="checkbox"/> Accident <input type="checkbox"/> Suicide <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month, Day, Year) 11/15/85	30b. TIME OF INJURY 1 p. M	30c. INJURY AT WORK? (Yes or no) No	30d. DESCRIBE HOW INJURY OCCURRED 2-car collision—driver		
30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify) Street			30f. LOCATION (Street and Number or Rural Route Number, City or Town, State) Route 4, Raleigh, North Carolina				

U.S. STANDARD REPORT OF FETAL DEATH

STATE FILE NUMBER

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

Form with sections: 1. FACILITY NAME, 2. CITY, TOWN, OR LOCATION OF DELIVERY, 3. COUNTY OF DELIVERY, 4. DATE OF DELIVERY, 5. SEX OF FETUS, 6a. MOTHER'S NAME, 6b. MAIDEN SURNAME, 7. DATE OF BIRTH, 8a. RESIDENCE-STATE, 8b. COUNTY, 8c. CITY, TOWN, OR LOCATION, 8d. STREET AND NUMBER, 8e. INSIDE CITY LIMITS?, 8f. ZIP CODE, 9. FATHER'S NAME, 10. DATE OF BIRTH, 11. OF HISPANIC ORIGIN?, 12. RACE, 13. EDUCATION, 14. OCCUPATION AND BUSINESS/INDUSTRY, 15. PREGNANCY HISTORY, 16. MOTHER MARRIED?, 17. DATE LAST NORMAL MENSES BEGAN, 18. MONTH OF PREGNANCY PRENATAL CARE BEGAN, 19. PRENATAL VISITS, 20. WEIGHT OF FETUS, 21. CLINICAL ESTIMATE OF GESTATION, 22a. PLURALITY, 22b. IF NOT SINGLE BIRTH, 23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY, 24. OBSTETRIC PROCEDURES, 25. COMPLICATIONS OF LABOR AND/OR DELIVERY, 26. METHOD OF DELIVERY, 27. CONGENITAL ANOMALIES OF FETUS, 28. PART I. Fetal or maternal condition directly causing fetal death, 29. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN, 30. ATTENDANT'S NAME AND TITLE, 31. NAME AND TITLE OF PERSON COMPLETING REPORT.

MULTIPLE BIRTHS Enter State File Number for Mate(s) LIVE BIRTH(S)

FETAL DEATH(S)

DEPARTMENT OF HEALTH AND HUMAN SERVICES - NATIONAL CENTER FOR HEALTH STATISTICS - 1969 REVISION

MEDICAL AND HEALTH INFORMATION

CAUSE OF FETAL DEATH