

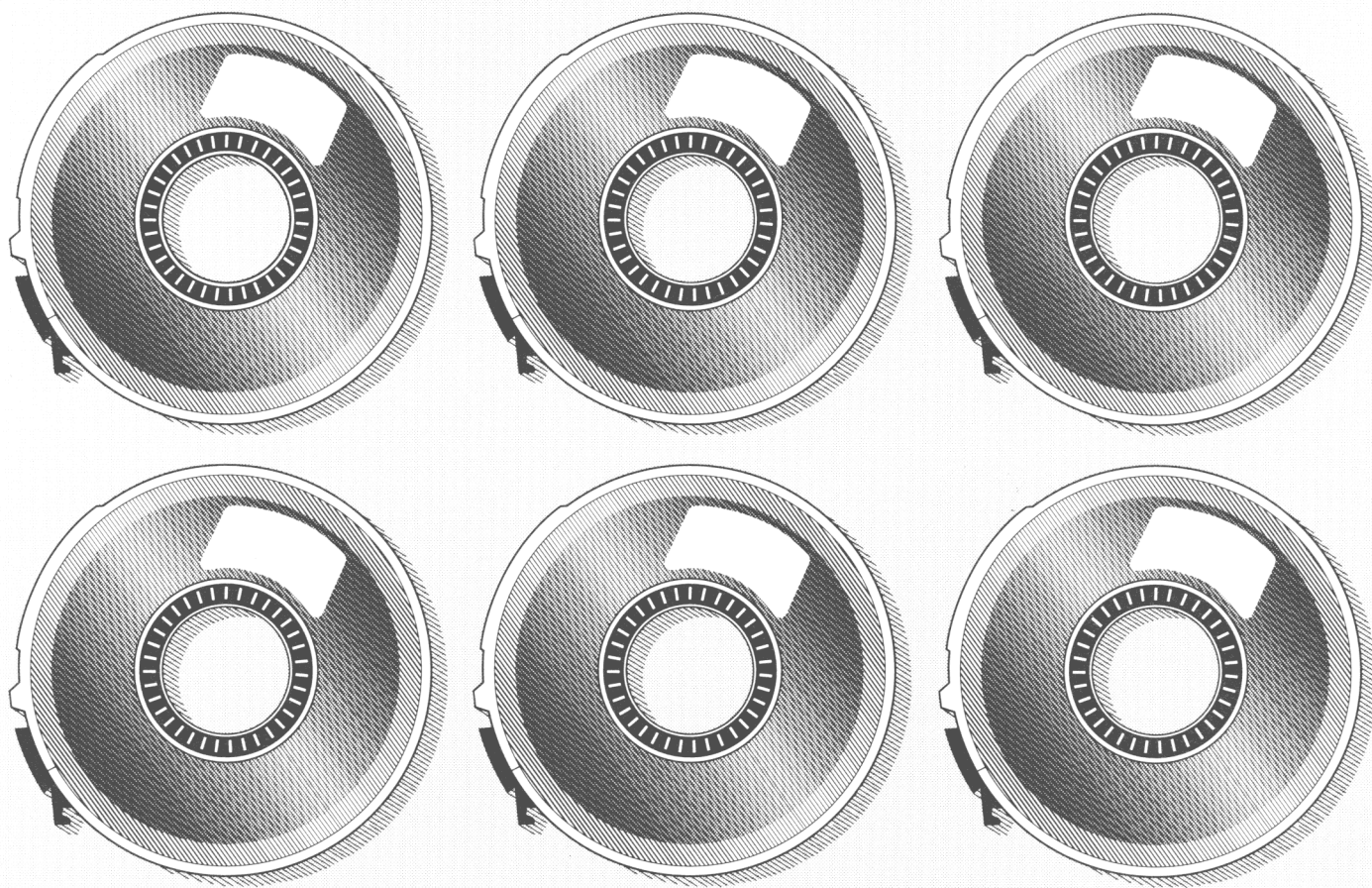
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# Public Use Data Tape Documentation

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Multiple Cause of Death for ICD-9 1992 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

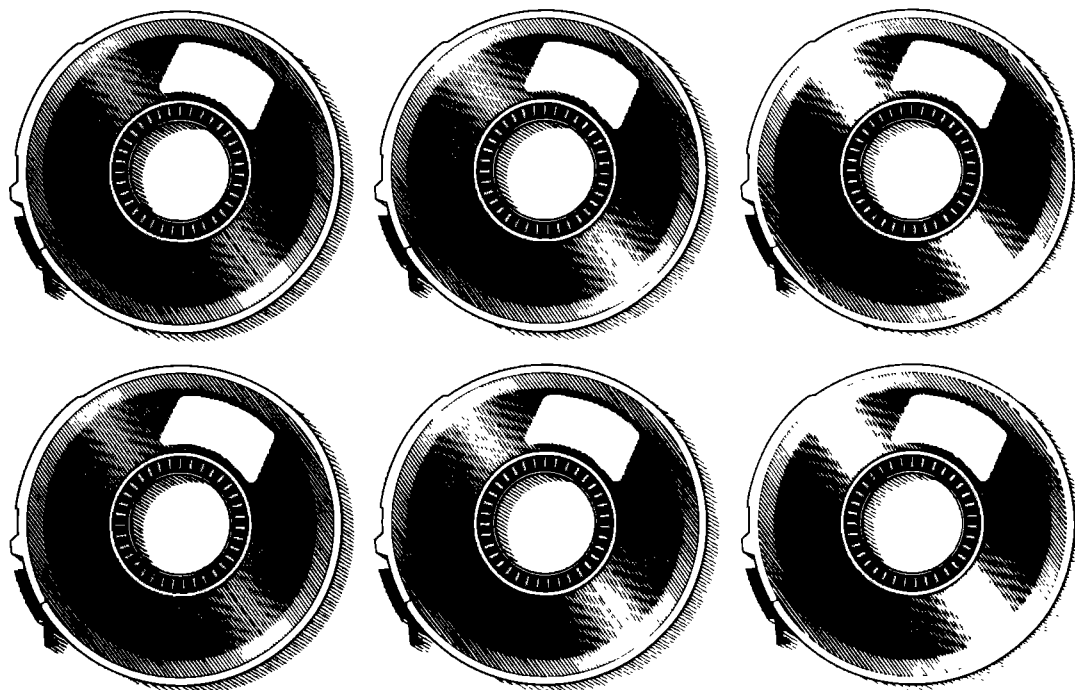


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Hyattsville, Maryland  
December 1994

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 coordinated preparation of 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).

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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 1992 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 1992. 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 1992 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. Effective with the 1990 data file, NCHS has been using these new definitions and codes as indicated in the listing of 320 Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs) 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 1992 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,179,187
Record Length:	440
Blocksize:	26400
Data Counts:	a. By occurrence: 2,179,187
	b. By residence: 2,175,613
	c. To foreign residents: 3,574

1. The data were processed using the PL/I 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, 1992.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1992.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1992.
- 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, 1982-92.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1992.
- 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



1992  
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> 92            ... 1992
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>Reserved Positions</u>
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.
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.

1992  
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-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.)
999	...	County of less than 100,000 population

1992  
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

1992  
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

1992  
Mortality Multiple Cause-of-Death Record

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

1992  
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
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 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. Z ... Foreign residents
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u> 1 ... Metropolitan county 2 ... Nonmetropolitan county Z ... Foreign residents

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
41	1	<u>Region</u>
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

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
44-45	2	<u>Expanded State of Residence Code</u>

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



1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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46-48	3	<u>NCHS PSMA/MSA of Residence</u>
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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	...	Area of less than 100,000 population

49	1	<u>Population Size of County of Occurrence</u>
----	---	------------------------------------------------

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	<u>Population Size of County of Residence</u>
----	---	-----------------------------------------------

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	<u>PMSA/MSA Population Size</u>
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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

1992  
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>

1992  
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> <p>Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Codes 78 replaces old code 08 for all other areas. For consistency with Census races, code 09 (all other races) has been imputed.</p> 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately
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> <p>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.</p> 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

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
67-68	2	<u>Age Recode 52</u>
		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

1992  
Mortality Multiple Cause-of-Death Record

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

69-70	2	<u>Age Recode 27</u>
		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	<u>Age Recode 12</u>
		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

1992  
Mortality Multiple Cause-of-Death Record

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

1992  
Mortality Multiple Cause-of-Death Record

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

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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80-81	2	<u>Hispanic Origin</u>
		00 ... Non - Hispanic
		01 ... Mexican
		02 ... Puerto Rican
		03 ... Cuban
		04 ... Central or South American
		05 ... Other or unknown Hispanic
		99 ... Unknown

82	1	<u>Hispanic Origin/Race Recode</u>
		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	<u>Day of Week of Death</u>
		1 ... Sunday
		2 ... Monday
		3 ... Tuesday
		4 ... Wednesday
		5 ... Thursday
		6 ... Friday
		7 ... Saturday
		9 ... Unknown

84	1	<u>Autopsy Performed</u>
		1 ... Yes
		2 ... No
		8 ... Autopsy performed not on certificate
		9 ... Autopsy performed not stated

85-87	3	<u>Kind of Business or Industry</u>
		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



1992  
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>
102-118	17	<p><u>Reserved Positions</u></p>

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
119-132	14	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</u>  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	<u>State of Occurrence</u>  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	<u>County of Occurrence</u>  001-nnn    ... Code range 999        ... County of less than 100,000 population

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
124-125	2	<u>State of Residence</u>
		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>
		000 ... Foreign residents
		001-nnn ... Code range
		999 ... County of less than 100,000 population

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
129-132	4	<u>PMSA/MSA of Residence</u>  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.  0000 ... Nonmetropolitan counties or foreign residents 0040-9360 ... Code range 9999 ... SMSA of less than 100,000 population
133	1	<u>Reserved Position</u>
134-135	2	<u>CMSA of Residence</u>  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.  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
136	1	<u>Reserved Position</u>
137	1	<u>Race Imputation Flag</u>  Blank ... Race is not imputed 1 ... Unknown race is imputed 2 ... All other races, formerly code 09, is imputed
138	1	<u>Age Substitution Flag</u>  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

1992  
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
139-140	2	<u>Reserved Positions</u>
141	1	<u>Place of Accident for Causes E850-E869 and E880-E928</u>  Blank ... Causes other than E850-E869 and E880-E928 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
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)

1992  
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  <table style="margin-left: 40px;"> <tr><td>1</td><td>... Part I, line 1 (a)</td></tr> <tr><td>2</td><td>... Part I, line 2 (b)</td></tr> <tr><td>3</td><td>... Part I, line 3 (c)</td></tr> <tr><td>4</td><td>... Part I, line 4 (d)</td></tr> <tr><td>5</td><td>... Part I, line 5 (e)</td></tr> <tr><td>6</td><td>... Part II</td></tr> </table> Position 2: Sequence of condition within part/line <table style="margin-left: 40px;"> <tr><td>1-7</td><td>... Code range</td></tr> </table> Position 3 - 6: Condition code <p style="margin-left: 40px;">See Table 1 for a complete list of codes</p> Position 7: Nature of Injury Flag <table style="margin-left: 40px;"> <tr><td>1</td><td>... Indicates that the code in positions 3-6 is a Nature of Injury code</td></tr> <tr><td>0</td><td>... All other codes</td></tr> </table>	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	1-7	... Code range	1	... Indicates that the code in positions 3-6 is a Nature of Injury code	0	... All other codes
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																			
1-7	... Code range																			
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																		

1992  
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

1992  
Mortality Multiple Cause-of-Death Record

Tape      Field  
Location Size    Item and Code Outline

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.					FIPS Codes				
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	

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
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	Ashley	003 0000
	003	000	2	Baxter	005 0000
	004	000	2	Benton	007 0000
			020 6	Rogers	
			024 6	Springdale, part	
			999 9	Balance of county	
	005	000	2	Boone	009 0000
	006	000	2	Bradley	011 0000
	007	000	2	Calhoun	013 0000
	008	000	2	Carroll	015 0000
	009	000	2	Chicot	017 0000
	010	000	2	Clark	019 0000
			001 6	Arkadelphia	
			999 9	Balance of county	
	011	000	2	Clay	021 0000
	012	000	2	Cleburne	023 0000
	013	000	2	Cleveland	025 0000
	014	000	2	Columbia	027 0000
			015 6	Magnolia	
			999 9	Balance of county	
	015	000	2	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	Cross	037 0000
	020	000	2	Dallas	039 0000
	021	000	2	Desha	041 0000
	022	000	2	Drew	043 0000
	023	171	1	Faulkner	045 4400
			005 6	Conway	
			999 9	Balance of county	
	024	000	2	Franklin	047 0000
	025	000	2	Fulton	049 0000
	026	000	2	Garland	051 0000
			011 5	Hot Springs	
			999 9	Balance of county	
	027	000	2	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	Howard	061 0000
	032	000	2	Independence	063 0000
	033	000	2	Izard	065 0000
	034	000	2	Jackson	067 0000
	035	227	1	Jefferson	069 6240
			019 4	Pine Bluff	
			999 9	Balance of county	
	036	000	2	Johnson	071 0000
	037	000	2	Lafayette	073 0000
	038	000	2	Lawrence	075 0000
	039	000	2	Lee	077 0000
	040	000	2	Lincoln	079 0000
	041	000	2	Little River	081 0000
	042	000	2	Logan	083 0000
	043	171	1	Lonoke	085 4400
	044	000	2	Madison	087 0000
	045	000	2	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.

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	
			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			Ouachita	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	999 9 Alpine	003 0000
	003	000	2	999 9 Amador	005 0000
	004	064	1	Butte	007 1620
			037 5	Chico	
			158 6	Paradise	
			999 9	Balance of county	
	005	000	2	999 9 Calaveras	009 0000
	006	000	2	999 9 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	999 9 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	999 9 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	999 9 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	999 9 Lake	033 0000
	018	000	2	999 9 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	



Vital Statistics Geographic Code Outline				Page	8	
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.					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
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	197 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			Sierra	091	0000
047	000	2			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			Tehama	103	0000
053	000	2			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			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			Yuba	115	9340

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
	001	082	1	Adams	001 2080
			001 4	Arvada, part	
			002 3	Aurora, part	
			004 6	Brighton, part	
			005 6	Broomfield, part	
			008 6	Commerce City	
			020 5	Northglenn	
			023 5	Thornton	
			024 4	Westminster, part	
			999 9	Balance of county	
	002	000	2	Alamosa	003 0000
	003	082	1	Arapahoe	005 2080
			002 3	Aurora, part	
			011 5	Englewood	
			017 5	Littleton, part	
			999 9	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 4	Boulder	
			005 6	Broomfield, part	
			018 5	Longmont	
			999 9	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 5	Littleton, part	
			999 9	Balance of county	
	019	000	2	Eagle	037 0000
	020	000	2	Elbert	039 0000
	021	068	1	El Paso	041 1720
			007 3	Colorado Springs	
			999 9	Balance of county	
	022	000	2	Fremont	043 0000
			006 6	Canon City	
			999 9	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 4	Arvada, part	
			005 6	Broomfield, part	
			013 6	Golden	
			016 3	Lakewood	
			024 4	Westminster, part	
			025 5	Wheat Ridge	
			999 9	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 6	Durango	
			999 9	Balance of county	
	035	102	1	Larimer	069 2670
			012 4	Fort Collins	
			019 5	Loveland	
			999 9	Balance of county	
	036	000	2	Las Animas	071 0000
	037	000	2	Lincoln	073 0000
	038	000	2	Logan	075 0000
			022 6	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	999	9	Mineral		079	0000
	041	000	2	999	9	Moffat		081	0000
	042	000	2	999	9	Montezuma		083	0000
	043	000	2	999	9	Montrose		085	0000
	044	000	2	999	9	Morgan		087	0000
	045	000	2	999	9	Otero		089	0000
	046	000	2	999	9	Duray		091	0000
	047	000	2	999	9	Park		093	0000
	048	000	2	999	9	Phillips		095	0000
	049	000	2	999	9	Pitkin		097	0000
	050	000	2	999	9	Prowers		099	0000
	051	236	1			Pueblo		101	6560
				021	3	Pueblo			
				999	9	Balance of county			
	052	000	2	999	9	Rio Blanco		103	0000
	053	000	2	999	9	Rio Grande		105	0000
	054	000	2	999	9	Routt		107	0000
	055	000	2	999	9	Saguache		109	0000
	056	000	2	999	9	San Juan		111	0000
	057	000	2	999	9	San Miguel		113	0000
	058	000	2	999	9	Sedgwick		115	0000
	059	000	2	999	9	Summit		117	0000
	060	000	2	999	9	Teller		119	0000
	061	000	2	999	9	Washington		121	0000
	062	119	1			Weld		123	3060
				004	6	Brighton, part			
				015	4	Greeley			
				999	9	Balance of county			
	063	000	2	999	9	Yuma		125	0000

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
07					Connecticut	09	
	001	047	1		Fairfield	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	Dover		
				999	Balance of county		
	002	313	1		New Castle		003 9160
				002	Newark		
				003	Wilmington		
				999	Balance of county		
	003	000	2	999	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

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			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			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			Lake		069	0000
				042	6	Leesburg			
				999	9	Balance of county			
	036	104	1			Lee		071	2700
				007	5	Cape Coral			
				023	5	Fort Myers			
				999	9	Balance of county			
	037	287	1			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			Manatee		081	1140
				006	5	Bradenton			
				999	9	Balance of county			
	042	211	1			Marion		083	5790
				059	5	Ocala			
				999	9	Balance of county			
	043	105	1	999	9	Martin		085	2710
	044	000	2			Monroe		087	0000
				035	6	Key West			
				999	9	Balance of county			
	045	138	1	999	9	Nassau		089	3600
	046	107	1			Okaloosa		091	2750
				025	6	Fort Walton Beach			
				999	9	Balance of county			
	047	000	2	999	9	Okeechobee		093	0000
	048	217	1			Orange		095	5960
				061	3	Orlando			
				095	6	Winter Park			
				999	9	Balance of county			
	049	217	1			Osceola		097	5960
				036	6	Kissimmee			
				999	9	Balance of county			
	050	308	1			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			Pasco		101	8280
				052	6	New Port Richey			
				999	9	Balance of county			
	052	288	1			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.

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
			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.					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	
	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	Dooly	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	Glascocock	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.

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	
				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	999	9	Kalawao	005 0000
	004	000	2	999	9	Kauai	007 0000
	005	000	2		Maui		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	999	9	Adams		003	0000
	003	000	2			Bannock		005	0000
				009	5	Pocatello			
				999	9	Balance of county			
	004	000	2	999	9	Bear Lake		007	0000
	005	000	2	999	9	Benewah		009	0000
	006	000	2			Bingham		011	0000
				001	6	Blackfoot			
				999	9	Balance of county			
	007	000	2	999	9	Blaine		013	0000
	008	000	2	999	9	Boise		015	0000
	009	000	2	999	9	Bonner		017	0000
	010	000	2			Bonneville		019	0000
				005	5	Idaho Falls			
				999	9	Balance of county			
	011	000	2	999	9	Boundary		021	0000
	012	000	2	999	9	Butte		023	0000
	013	000	2	999	9	Camas		025	0000
	014	000	2			Canyon		027	0000
				003	6	Caldwell			
				008	5	Nampa			
				999	9	Balance of county			
	015	000	2	999	9	Caribou		029	0000
	016	000	2	999	9	Cassia		031	0000
	017	000	2	999	9	Clark		033	0000
	018	000	2	999	9	Clearwater		035	0000
	019	000	2	999	9	Custer		037	0000
	020	000	2	999	9	Elmore		039	0000
	021	000	2	999	9	Franklin		041	0000
	022	000	2	999	9	Fremont		043	0000
	023	000	2	999	9	Gem		045	0000
	024	000	2	999	9	Gooding		047	0000
	025	000	2	999	9	Idaho		049	0000
	026	000	2	999	9	Jefferson		051	0000
	027	000	2	999	9	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	999	9	Lemhi		059	0000
	031	000	2	999	9	Lewis		061	0000
	032	000	2	999	9	Lincoln		063	0000
	033	000	2			Madison		065	0000
				010	6	Rexburg			
				999	9	Balance of county			
	034	000	2	999	9	Minidoka		067	0000
	035	000	2			Nez Perce		069	0000
				006	5	Lewiston			
				999	9	Balance of county			
	036	000	2	999	9	Oneida		071	0000
	037	000	2	999	9	Owyhee		073	0000
	038	000	2	999	9	Payette		075	0000
	039	000	2	999	9	Power		077	0000
	040	000	2	999	9	Shoshone		079	0000
	041	000	2	999	9	Teton		081	0000
	042	000	2			Twin Falls		083	0000
				011	5	Twin Falls			
				999	9	Balance of county			
	043	000	2	999	9	Valley		085	0000
	044	000	2	999	9	Washington		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
14						Illinois	17		
	001	000	2			Adams		001	0000
				135	5	Quincy			
				999	9	Balance of county			
	002	000	2	999	9	Alexander		003	0000
	003	000	2	999	9	Bond		005	0000
	004	249	1			Boone		007	6880
				010	6	Belvidere			
				999	9	Balance of county			
	005	000	2	999	9	Brown		009	0000
	006	000	2	999	9	Bureau		011	0000
	007	000	2	999	9	Calhoun		013	0000
	008	000	2	999	9	Carroll		015	0000
	009	000	2	999	9	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	9	Clark		023	0000
	013	000	2	999	9	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.

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
			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	Schuyler	169	0000
	086	000	2	999	Scott	171	0000
	087	000	2	999	Shelby	173	0000
	088	000	2	999	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	Union	181	0000
	092	000	2		Vermilion	183	0000
			040	5	Danville		
			999	9	Balance of county		
	093	000	2	999	Wabash	185	0000
	094	000	2		Warren	187	0000
			106	6	Monmouth		
			999	9	Balance of county		
	095	000	2	999	Washington	189	0000
	096	000	2	999	Wayne	191	0000
	097	000	2	999	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	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	9	Jasper	073 0000
	038	000	2	999	9	Jay	075 0000
	039	000	2			Jefferson	077 0000
				036	6	Madison	
				999	9	Balance of county	
	040	000	2	999	9	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	9	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	9	Marshall	099 0000
	051	000	2	999	9	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	9	Newton	111 0000
	057	000	2	999	9	Noble	113 0000
	058	000	2	999	9	Ohio	115 0000
	059	000	2	999	9	Orange	117 0000
	060	000	2	999	9	Owen	119 0000
	061	000	2	999	9	Parke	121 0000
	062	000	2	999	9	Perry	123 0000
	063	000	2	999	9	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.						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
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		Tippecanoe	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.

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	Louisa	115 0000
	059	000	2	Lucas	117 0000
	060	000	2	Lyon	119 0000
	061	000	2	Madison	121 0000
	062	000	2	Mahaska	123 0000
			023 6	Oskaloosa	
			999 9	Balance of county	
	063	000	2	Marion	125 0000
	064	000	2	Marshall	127 0000
			019 5	Marshalltown	
			999 9	Balance of county	
	065	000	2	Mills	129 0000
	066	000	2	Mitchell	131 0000
	067	000	2	Monona	133 0000
	068	000	2	Monroe	135 0000
	069	000	2	Montgomery	137 0000
	070	000	2	Muscatine	139 0000
			021 6	Muscatine	
			999 9	Balance of county	
	071	000	2	O'Brien	141 0000
	072	000	2	Osceola	143 0000
	073	000	2	Page	145 0000
	074	000	2	Palo Alto	147 0000
	075	000	2	Plymouth	149 0000
	076	000	2	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	Poweshiek	157 0000
	080	000	2	Ringgold	159 0000
	081	000	2	Sac	161 0000
	082	077	1	Scott	163 1960
			003 5	Bettendorf	
			010 3	Davenport	
			999 9	Balance of county	
	083	000	2	Shelby	165 0000
	084	000	2	Sioux	167 0000
	085	000	2	Story	169 0000
			001 5	Ames	
			999 9	Balance of county	
	086	000	2	Tama	171 0000
	087	000	2	Taylor	173 0000
	088	000	2	Union	175 0000
	089	000	2	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	Washington	183 0000
	093	000	2	Wayne	185 0000
	094	000	2	Webster	187 0000
			013 5	Fort Dodge	
			999 9	Balance of county	
	095	000	2	Winnebago	189 0000
	096	000	2	Winneshiek	191 0000
	097	275	1	Woodbury	193 7720
			025 4	Sioux City	
			999 9	Balance of county	

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

16

098 000 2 999 9 Iowa  
 099 000 2 999 9 Worth  
 099 000 2 999 9 Wright

19

195 0000  
 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.

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
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.

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

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		
				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	Slidell			
				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	Franklin	007 0000
	005	000	2	Hancock	009 0000
	006	000	2	Kennebec	011 0000
			002 6	Augusta	
			011 6	Waterville	
			999 9	Balance of county	
	007	000	2	Knox	013 0000
	008	000	2	Lincoln	015 0000
	009	000	2	Oxford	017 0000
	010	026	1	Penobscot	019 0733
			003 5	Bangor	
			999 9	Balance of county	
	011	000	2	Piscataquis	021 0000
	012	000	2	Sagadahoc	023 0000
			004 6	Bath	
			999 9	Balance of county	
	013	000	2	Somerset	025 0000
	014	000	2	Waldo	027 0000
	015	000	2	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			Baltimore	005	0720	
	004	025	1			Baltimore city	510	0720	
	005	305	1			Calvert	009	8840	
	006	000	2			Caroline	011	0000	
	007	025	1			Carroll	013	0720	
	008	313	1			Cecil	015	9160	
	009	305	1			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			Garrett	023	0000	
	013	025	1			Harford	025	0720	
				001	6	Aberdeen			
				999	9	Balance of county			
	014	025	1			Howard	027	0720	
	015	000	2			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			Queen Anne's	035	0720	
	019	000	2			St. Mary's	037	0000	
	020	000	2			Somerset	039	0000	
	021	000	2			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			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			

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

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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
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
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.

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
			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		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		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		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		Mower	099 0000
			004 6	Austin	
			999 9	Balance of county	
051	000	2	999 9	Murray	101 0000
052	000	2		Nicollet	103 0000
			031 5	Mankato, part	
			999 9	Balance of county	
053	000	2		Nobles	105 0000
			065 6	Worthington	
			999 9	Balance of county	
054	000	2	999 9	Norman	107 0000
055	247	1		Olmsted	109 6820
			051 4	Rochester	
			999 9	Balance of county	
056	000	2		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		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		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	Amite	005	0000
004	000	2	Attala	007	0000
005	000	2	Benton	009	0000
006	000	2	Bolivar	011	0000
		005 6	Cleveland		
		999 9	Balance of county		
007	000	2	Calhoun	013	0000
008	000	2	Carroll	015	0000
009	000	2	Chickasaw	017	0000
010	000	2	Choctaw	019	0000
011	000	2	Claiborne	021	0000
012	000	2	Clarke	023	0000
013	000	2	Clay	025	0000
014	000	2	Coahoma	027	0000
		004 6	Clarksdale		
		999 9	Balance of county		
015	000	2	Copiah	029	0000
016	000	2	Covington	031	0000
017	185	1	De Soto	033	4920
018	000	2	Forrest	035	0000
		013 5	Hattiesburg, part		
		999 9	Balance of county		
019	000	2	Franklin	037	0000
020	000	2	George	039	0000
021	000	2	Greene	041	0000
022	000	2	Grenada	043	0000
		011 6	Grenada		
		999 9	Balance of county		
023	035	1	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	Holmes	051	0000
027	000	2	Humphreys	053	0000
028	000	2	Issaquena	055	0000
029	000	2	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	Jasper	061	0000
032	000	2	Jefferson	063	0000
033	000	2	Jefferson Davis	065	0000
034	000	2	Jones	067	0000
		015 6	Laurel		
		999 9	Balance of county		
035	000	2	Kemper	069	0000
036	000	2	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	Lawrence	077	0000
040	000	2	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						FIPS Codes	
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 Maries		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			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			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			Sarpy	153 5920
			002	6	Bellevue	
			999	9	Balance of county	
078	000	2	999	9	Saunders	155 0000
079	000	2			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	510	0000
	002	000	2	999 9	Churchill	001	0000
	003	164	1		Clark	003	4120
				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	

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

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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
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	Denville township		
				027	Dover		
				054	Hanover township		
				078	Madison		
				090	Morris township		
				091	Morristown		
				110	Parsippany-Troy Hills township		
				115	Pequannock township		
				999	Balance of county		
	015	194	1		Ocean		029 5190
				010	Brick township		
				028	Dover township		
				066	Jackson township		
				070	Lakewood township		
				079	Manchester township		
				121	Point Pleasant		
				999	Balance of county		
	016	033	1		Passaic		031 0875
				021	Clifton		
				057	Hawthorne		
				073	Little Falls township		
				111	Passaic		
				112	Paterson		
				122	Pompton Lakes		
				130	Ringwood		
				148	Totowa		
				158	Wanaque		
				160	Wayne township		
				167	West Paterson		
				999	Balance of county		
	017	313	1		Salem		033 9160
	018	188	1		Somerset		035 5015
				012	Bridgewater township		
				042	Franklin township		
				080	Manville		
				101	North Plainfield		
				140	Somerville		
				999	Balance of county		
	019	207	1		Sussex		037 5640
				063	Hopatcong		
				999	Balance of county		
	020	207	1		Union		039 5640
				008	Berkeley Heights township		
				019	Clark township		
				023	Cranford township		
				035	Elizabeth		
				061	Hillside township		
				071	Linden		
				097	New Providence		
				119	Plainfield		
				124	Rahway		
				132	Roselle		
				133	Roselle Park		
				137	Scotch Plains township		
				144	Springfield township		
				145	Summit		
				151	Union township		
				164	Westfield		
				999	Balance of county		
	021	007	1		Warren		041 0240
				117	Phillipsburg		
				999	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	Albuquerque		
				999	Balance of county		
	002	000	2	999	Catron	003	0000
	003	000	2		Chaves	005	0000
				011	Roswell		
				999	Balance of county		
	004	000	2	999	Cibola	006	0000
	005	000	2	999	Colfax	007	0000
	006	000	2		Curry	009	0000
				005	Clovis		
				999	Balance of county		
	007	000	2	999	De Baca	011	0000
	008	163	1		Dona Ana	013	4100
				009	Las Cruces		
				999	Balance of county		
	009	000	2		Eddy	015	0000
				003	Artesia		
				004	Carlsbad		
				999	Balance of county		
	010	000	2	999	Grant	017	0000
	011	000	2	999	Guadalupe	019	0000
	012	000	2	999	Harding	021	0000
	013	000	2	999	Hidalgo	023	0000
	014	000	2		Lea	025	0000
				008	Hobbs		
				999	Balance of county		
	015	000	2	999	Lincoln	027	0000
	016	265	1	999	Los Alamos	028	7490
	017	000	2	999	Luna	029	0000
	018	000	2		McKinley	031	0000
				007	Gallup		
				999	Balance of county		
	019	000	2	999	Mora	033	0000
	020	000	2		Otero	035	0000
				001	Alamogordo		
				999	Balance of county		
	021	000	2	999	Quay	037	0000
	022	000	2	999	Rio Arriba	039	0000
	023	000	2	999	Roosevelt	041	0000
	024	000	2	999	Sandoval	043	0000
	025	000	2		San Juan	045	0000
				006	Farmington		
				999	Balance of county		
	026	000	2		San Miguel	047	0000
				010	Las Vegas		
				999	Balance of county		
	027	265	1		Santa Fe	049	7490
				012	Santa Fe		
				999	Balance of county		
	028	000	2	999	Sierra	051	0000
	029	000	2	999	Socorro	053	0000
	030	000	2	999	Taos	055	0000
	031	000	2	999	Torrance	057	0000
	032	000	2	999	Union	059	0000
	033	000	2	999	Valencia	061	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
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			

Vital Statistics Geographic Code Outline						Page 71
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		



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
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

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					State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City	P/S			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			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			Meigs	105	0000
	054	000	2			Mercer	107	0000
	055	078	1			Miami	109	2000
				101	6	Piqua		
				127	6	Troy		
				999	9	Balance of county		
	056	000	2			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			Morgan	115	0000
	059	000	2			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	999 9	Noble	121	0000
	062	000	2	999 9	Ottawa	123	0000
	063	000	2	999 9	Paulding	125	0000
	064	000	2	999 9	Perry	127	0000
	065	072	1		Pickaway	129	1840
				029 6	Circleville		
				999 9	Balance of county		
	066	000	2	999 9	Pike	131	0000
	067	002	1		Portage	133	0080
				063 5	Kent		
				103 6	Ravenna		
				999 9	Balance of county		
	068	000	2	999 9	Preble	135	0000
	069	000	2	999 9	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	999 9	Union	159	1840
	081	000	2		Van Wert	161	0000
				132 6	Van Wert		
				999 9	Balance of county		
	082	000	2	999 9	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		

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
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		McCain	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

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
	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	

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	
	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		

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		
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		
			086	5	New Castle	073	0000
			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	Dil 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	999 9	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	999 9	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	999	9	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	999	9	Williamsburg		089 0000
	046	059	1			York		091 1520
				022	5	Rock Hill		
				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
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

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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
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.

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	999 9	Benton	005 0000
004	000	2	999 9	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	999 9	Campbell	013 0000
008	000	2	999 9	Cannon	015 0000
009	000	2	999 9	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	999 9	Cheatham	021 5360
012	000	2	999 9	Chester	023 0000
013	000	2	999 9	Claiborne	025 0000
014	000	2	999 9	Clay	027 0000
015	000	2	999 9	Cocke	029 0000
016	000	2		Coffee	031 0000
			036 6	Tullahoma, part	
			999 9	Balance of county	
017	000	2	999 9	Crockett	033 0000
018	000	2	999 9	Cumberland	035 0000
019	200	1		Davidson	037 5360
			030 2	Nashville-Davidson	
			999 9	Balance of county	
020	000	2	999 9	Decatur	039 0000
021	000	2	999 9	De Kalb	041 0000
022	200	1	999 9	Dickson	043 5360
023	000	2		Dyer	045 0000
			009 6	Dyersburg	
			999 9	Balance of county	
024	000	2	999 9	Fayette	047 0000
025	000	2	999 9	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	999 9	Giles	055 0000
029	152	1	999 9	Grainger	057 3840
030	000	2		Greene	059 0000
			015 6	Greeneville	
			999 9	Balance of county	
031	000	2	999 9	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	999 9	Hancock	067 0000
035	000	2	999 9	Hardeman	069 0000
036	000	2	999 9	Hardin	071 0000
037	143	1		Hawkins	073 3660
			020 5	Kingsport, part	
			999 9	Balance of county	
038	000	2	999 9	Haywood	075 0000
039	000	2	999 9	Henderson	077 0000
040	000	2		Henry	079 0000
			032 6	Paris	
			999 9	Balance of county	
041	000	2	999 9	Hickman	081 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
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	999	9	Kimble		267	0000
	135	000	2	999	9	King		269	0000
	136	000	2	999	9	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	999	9	Knox		275	0000
	139	000	2			Lamar		277	0000
				105	5	Paris			
				999	9	Balance of county			
	140	000	2	999	9	Lamb		279	0000
	141	000	2	999	9	Lampasas		281	0000
	142	000	2	999	9	La Salle		283	0000
	143	000	2	999	9	Lavaca		285	0000
	144	000	2	999	9	Lee		287	0000
	145	000	2	999	9	Leon		289	0000
	146	130	1	999	9	Liberty		291	3360
	147	000	2	999	9	Limestone		293	0000
	148	000	2	999	9	Lipscomb		295	0000
	149	000	2	999	9	Live Oak		297	0000
	150	000	2	999	9	Llano		299	0000
	151	000	2	999	9	Loving		301	0000
	152	176	1			Lubbock		303	4600
				085	3	Lubbock			
				999	9	Balance of county			
	153	000	2	999	9	Lynn		305	0000
	154	000	2	999	9	McCulloch		307	0000
	155	304	1			McLennan		309	8800
				144	3	Waco			
				999	9	Balance of county			
	156	000	2	999	9	McMullen		311	0000
	157	000	2	999	9	Madison		313	0000
	158	000	2	999	9	Marion		315	0000
	159	000	2	999	9	Martin		317	0000
	160	000	2	999	9	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	999	9	Medina		325	0000
	164	000	2	999	9	Menard		327	0000
	165	189	1			Midland		329	5040
				092	4	Midland			
				999	9	Balance of county			
	166	000	2	999	9	Milam		331	0000
	167	000	2	999	9	Mills		333	0000
	168	000	2	999	9	Mitchell		335	0000
	169	000	2	999	9	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	999	9	Morris		343	0000
	173	000	2	999	9	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	999	9	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	



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
			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	

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
		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

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	
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
46					Vermont	50	
	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				State, County, City, or Country Name		FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	St	Cnty	MSA
47						51		
				Virginia				
	001	000	2	999	9	001	0000	
	002	060	1	999	9	003	1540	
	003	305	1	001	3	510	8840	
	004	000	2	999	9	005	0000	
	005	000	2	999	9	007	0000	
	006	177	1	999	9	009	4640	
	007	000	2	999	9	011	0000	
	008	305	1			013	8840	
				002	3			
	009	000	2	999	9	015	0000	
	010	000	2	999	9	017	0000	
	011	000	2	999	9	019	0000	
	012	000	2	999	9	515	0000	
	013	000	2	999	9	021	0000	
	014	246	1	999	9	023	6800	
	015	143	1	004	6	520	3660	
	016	000	2	999	9	025	0000	
	017	000	2	999	9	027	0000	
	018	000	2	999	9	029	0000	
	019	000	2	999	9	530	0000	
	020	177	1	999	9	031	4640	
	021	000	2	999	9	033	0000	
	022	000	2	999	9	035	0000	
	023	244	1	999	9	036	6760	
	024	000	2	999	9	037	0000	
	025	060	1	005	5	540	1540	
	026	209	1	006	3	550	5720	
	027	244	1	999	9	041	6760	
	028	000	2	999	9	043	0000	
	029	000	2	999	9	560	0000	
	030	244	1	008	6	570	6760	
	031	000	2	999	9	580	0000	
	032	000	2	999	9	045	0000	
	033	000	2	999	9	047	0000	
	034	000	2	999	9	049	0000	
	035	076	1	009	5	590	1950	
	036	000	2	999	9	051	0000	
	037	244	1	999	9	053	6760	
	038	000	2	999	9	595	0000	
	039	000	2	999	9	057	0000	
	040	305	1			059	8840	
				015	6			
				031	6			
				999	9			
	041	305	1	010	6	600	8840	
	042	305	1	999	9	610	8840	
	043	000	2	999	9	061	0000	
	044	000	2	999	9	063	0000	
	045	060	1	999	9	065	1540	
	046	000	2	999	9	067	0000	
	047	000	2	999	9	620	0000	
	048	000	2	999	9	069	0000	
	049	000	2	011	6	630	0000	
	050	000	2	999	9	640	0000	
	051	000	2	999	9	071	0000	
	052	209	1	999	9	073	5720	
	053	244	1	999	9	075	6760	
	054	000	2	999	9	077	0000	
	055	060	1	999	9	079	1540	
	056	000	2	999	9	081	0000	
	057	000	2	999	9	083	0000	
	058	209	1	013	3	650	5720	
	059	244	1	999	9	085	6760	
	060	000	2	014	6	660	0000	
	061	244	1	999	9	087	6760	
	062	000	2	999	9	089	0000	
	063	000	2	999	9	091	0000	
	064	244	1	016	6	670	6760	
	065	000	2	999	9	093	0000	
	066	209	1	999	9	095	5720	
	067	000	2	999	9	097	0000	
	068	000	2	999	9	099	0000	
	069	000	2	999	9	101	0000	
	070	000	2	999	9	103	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			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			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			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.

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	
			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			Stevens	065	0000
034	214	1			Thurston	067	5910
			014	6	Lacey		
			022	5	Olympia		
			999	9	Balance of county		
035	000	2			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
50				Wisconsin	55
			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

FIPS Codes

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

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
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**



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

Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	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	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			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
016	50		Appleton-Oshkosh-Neenah, WI MSA	0460		
			Wisconsin		55	
		008	Calumet			015
		045	Outagamie			087
		071	Winnebago			139
017	34		Asheville, NC MSA	0480		
			North Carolina		37	
		011	Buncombe			021
018	11		Athens, GA MSA	0500		
			Georgia		13	
		029	Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, GA MSA	0520		
			Georgia		13	
		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		
			New Jersey		34	
		001	Atlantic			001
		005	Cape May			009
021	11		Augusta, GA-SC MSA	0600		
			Georgia		13	
		036	Columbia			073
		094	McDuffie			189
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	14		Aurora-Elgin, IL PMSA	0620		
			Illinois		17	
		045	Kane			089
		047	Kendall			093
023	44		Austin, TX MSA	0640		
			Texas		48	
		105	Hays			209
		227	Travis			453
		246	Williamson			491
024	05		Bakersfield, CA MSA	0680		
			California		06	
		015	Kern			029
025	21		Baltimore, MD MSA	0720		
			Maryland		24	
		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

Metropolitan Statistical Areas Established in 1990  
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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

Metropolitan Statistical Areas Established in 1990  
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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

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			Area Name and County Components	FIPS Codes		
Area	State	County		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

Metropolitan Statistical Areas Established in 1990  
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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
082	06		Denver, CO PMSA	2080		
			Colorado		08	
		001	Adams			001
		003	Arapahoe			005
		016	Denver, coext. with Denver city			031
		018	Douglas			035
		030	Jefferson			059
083	16		Des Moines, IA MSA	2120		
			Iowa		19	
		025	Dallas			049
		077	Polk			153
		091	Warren			181
084	23		Detroit, MI PMSA	2160		
			Michigan		26	
		044	Lapeer			087
		047	Livingston			093
		050	Macomb			099
		058	Monroe			115
		063	Oakland			125
		074	St. Clair			147
		082	Wayne			163
085	01		Dothan, AL MSA	2180		
			Alabama		01	
		023	Dale			045
		035	Houston			069
086	16		Dubuque, IA MSA	2200		
			Iowa		19	
		031	Dubuque			061
087	24		Duluth, MN-WI MSA	2240		
			Minnesota		27	
		069	St. Louis			137
	50		Wisconsin		55	
		016	Douglas			031
088	50		Eau Claire, WI MSA	2290		
			Wisconsin		55	
		009	Chippewa			017
		018	Eau Claire			035
089	44		El Paso, TX MSA	2320		
			Texas		48	
		071	El Paso			141
090	15		Elkhart-Goshen, IN MSA	2330		
			Indiana		18	
		020	Elkhart			039
091	33		Elmira, NY MSA	2335		
			New York		36	
		007	Chemung			015
092	37		Enid, OK MSA	2340		
			Oklahoma		40	
		024	Garfield			047
093	39		Erie, PA MSA	2360		
			Pennsylvania		42	
		025	Erie			049
094	38		Eugene-Springfield, OR MSA	2400		
			Oregon		41	
		020	Lane			039
095	15		Evansville, IN-KY MSA	2440		
			Indiana		18	
		065	Posey			129
		082	Vanderburgh			163
		087	Warrick			173
	18		Kentucky		21	
		051	Henderson			101

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



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Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	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

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

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

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Vital Statistics Codes			Area Name and County Components	FIPS Codes				
Area	State	County		Area	State	Cnty		
181	36	070	Mansfield, OH MSA Ohio Richland	4800	39	139		
182	44	108	McAllen-Edinburg-Mission, TX MSA Texas Hidalgo	4880	48	215		
183	38	015	Medford, OR MSA Oregon Jackson	4890	41	029		
184	10	005	Melbourne-Titusville-Palm Bay, FL MSA Florida Brevard	4900	12	009		
185	04	018	Memphis, TN-AR-MS MSA Arkansas Crittenden Mississippi De Soto Tennessee Shelby Tipton	4920	05	035		
	25	017			28	033		
	43	079			47	157		
		084				167		
186	05	024	Merced, CA MSA California Merced	4940	06	047		
187	10	013	Miami-Hialeah, FL PMSA Florida Dade	5000	12	025		
188	31	010 012 018	Middlesex-Somerset-Hunterdon, NJ PMSA New Jersey Hunterdon Middlesex Somerset	5015	34	019 023 035		
189	44	165	Midland, TX MSA Texas Midland	5040	48	329		
190	50	041 046 067 068	Milwaukee, WI PMSA Wisconsin Milwaukee Ozaukee Washington Waukesha	5080	55	079 089 131 133		
191	24	002 010 013 019 027 030 062 070 082 086	Minneapolis-St. Paul, MN-WI MSA Minnesota Anoka Carver Chisago Dakota Hennepin Isanti Ramsey Scott Washington Wright Wisconsin St. Croix	5120	27	003 019 025 037 053 059 123 139 163 171		
	50	056			55	109		
192	01	002 049			Mobile, AL MSA Alabama Baldwin Mobile	5160	01	003 097
193	05	050			Modesto, CA MSA California Stanislaus	5170	06	099

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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

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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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



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Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	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	017 057	Pensacola, FL MSA Florida Escambia Santa Rosa	6080	12	039 113
224	14	072 090 102	Peoria, IL MSA Illinois Peoria Tazewell Woodford	6120	17	143 179 203
225	31	003 004 008 009 015 023 046 051	Philadelphia, PA-NJ PMSA New Jersey Burlington Camden Gloucester Pennsylvania Bucks Chester Delaware Montgomery Philadelphia, coext. with Philadelphia city	6160	34 42	005 007 015 017 029 045 091 101
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	002 026 063 065	Pittsburgh, PA PMSA Pennsylvania Allegheny Fayette Washington Westmoreland	6280	42	003 051 125 129
229	22	002	Pittsfield, MA NECMA Massachusetts Berkshire	6323	25	003
230	20	003	Portland, ME NECMA Maine Cumberland	6403	23	005
231	38	003 026 034 036	Portland, OR PMSA Oregon Clackamas Multnomah Washington Yamhill	6440	41	005 051 067 071
232	30	008 009	Portsmouth-Dover-Rochester, NH NECMA New Hampshire Rockingham Strafford	6453	33	015 017

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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

Metropolitan Statistical Areas Established in 1990  
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Vital Statistics Codes				FIPS Codes		
Area	State	County	Area Name and County Components	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
		033	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

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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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

Metropolitan Statistical Areas Established in 1990  
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Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
274	19		Shreveport, LA MSA	7680		
			Louisiana		22	
		008	Bossier			015
		009	Caddo			017
275	16		Sioux City, IA-NE MSA	7720		
			Iowa		19	
		097	Woodbury			193
	28		Nebraska		31	
		022	Dakota			043
276	42		Sioux Falls, SD MSA	7760		
			South Dakota		46	
		049	Minnehaha			099
277	15		South Bend-Mishawaka, IN MSA	7800		
			Indiana		18	
		071	St. Joseph			141
278	48		Spokane, WA MSA	7840		
			Washington		53	
		032	Spokane			063
279	14		Springfield, IL MSA	7880		
			Illinois		17	
		065	Menard			129
		084	Sangamon			167
280	26		Springfield, MO MSA	7920		
			Missouri		29	
		022	Christian			043
		039	Greene			077
281	22		Springfield, MA NECMA	8003		
			Massachusetts		25	
		007	Hampden			013
		008	Hampshire			015
282	39		State College, PA MSA	8050		
			Pennsylvania		42	
		014	Centre			027
283	36		Steubenville-Weirton, OH-WV MSA	8080		
			Ohio		39	
		041	Jefferson			081
	49		West Virginia		54	
		005	Brooke			009
		015	Hancock			029
284	05		Stockton, CA MSA	8120		
			California		06	
		039	San Joaquin			077
285	33		Syracuse, NY MSA	8160		
			New York		36	
		025	Madison			053
		032	Onondaga			067
		036	Oswego			075
286	48		Tacoma, WA PMSA	8200		
			Washington		53	
		027	Pierce			053
287	10		Tallahassee, FL MSA	8240		
			Florida		12	
		020	Gadsden			039
		037	Leon			073
288	10		Tampa-St. Petersburg-Clearwater, FL MSA	8280		
			Florida		12	
		027	Hernando			053
		029	Hillsborough			057
		051	Pasco			101
		052	Pinellas			103

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		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

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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, 1992

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	2	-	2	008.3	1	1	-	1	017.1	-	-	-	-
001.1	-	-	-	-	008.4	208	470	262	470	017.2	3	13	10	13
001.9	-	-	-	-	008.5	13	19	6	19	017.3	-	-	-	-
002.0	-	-	-	-	008.6	5	10	5	10	017.4	-	-	-	-
002.1	-	-	-	-	008.8	93	160	68	163	017.5	-	-	-	-
002.2	-	-	-	-	009.0	193	266	73	268	017.6	1	4	3	1
002.3	-	-	-	-	009.2	3	9	6	9	017.7	-	1	1	1
002.9	-	-	-	-	010.0	1	3	2	3	017.8	17	25	8	19
003.0	15	26	11	26	010.1	-	-	-	-	018.0	-	-	-	-
003.1	28	58	30	67	010.8	-	-	-	-	018.8	-	-	-	1
003.2	2	4	2	4	010.9	-	-	-	-	018.9	179	278	100	349
003.8	-	-	-	-	011.0	-	-	-	-	020.0	1	1	-	1
003.9	2	9	7	10	011.1	-	-	-	-	020.1	-	-	-	-
004.0	1	2	1	2	011.2	40	72	33	70	020.2	-	-	-	-
004.1	-	-	-	-	011.3	21	22	3	2	020.3	-	-	-	-
004.2	-	-	-	-	011.4	45	33	6	6	020.4	-	-	-	-
004.3	-	-	-	-	011.5	16	17	1	3	020.5	-	-	-	-
004.8	1	1	-	1	011.6	166	177	26	47	020.8	-	-	-	-
004.9	6	9	3	9	011.7	6	9	3	-	020.9	-	-	-	-
005.0	-	-	-	-	011.8	2	7	5	4	021	3	3	-	3
005.1	1	3	2	3	011.9	989	2965	1985	3576	022.0	-	-	-	-
005.2	-	-	-	-	012.0	27	50	24	21	022.1	-	-	-	-
005.3	-	-	-	-	012.1	-	-	-	-	022.2	-	-	-	-
005.4	1	1	-	1	012.2	-	-	-	-	022.3	-	-	-	-
005.8	-	-	-	-	012.3	-	-	-	-	022.8	-	-	-	-
005.9	3	5	2	5	012.8	2	2	-	-	022.9	-	-	-	-
006.0	-	-	-	-	013.0	40	78	38	95	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	2	8	6	9	023.2	-	-	-	-
006.3	6	11	5	10	013.9	2	4	2	5	023.3	-	-	-	-
006.4	-	-	-	-	014	14	33	20	35	023.8	-	-	-	-
006.5	-	-	-	-	015.0	54	111	57	112	023.9	-	2	2	2
006.6	-	-	-	-	015.1	-	-	-	-	024	-	-	-	-
006.8	-	1	1	1	015.2	-	-	-	-	025	-	-	-	-
006.9	-	8	8	10	015.7	-	1	1	1	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	-	-	-	026.1	-	-	-	-
007.1	-	7	7	7	015.9	2	10	8	11	026.9	-	-	-	-
007.2	10	18	8	323	016.0	4	13	10	13	027.0	75	93	18	93
007.3	-	-	-	-	016.1	2	3	1	2	027.1	-	-	-	-
007.8	-	-	-	-	016.2	-	-	-	-	027.2	3	5	2	5
007.9	-	-	-	-	016.3	-	2	2	2	027.8	2	4	2	4
008.0	3	6	3	6	016.4	-	1	1	1	027.9	-	-	-	-
008.1	-	-	-	-	016.9	-	1	1	1	030.0	-	-	-	-
008.2	-	-	-	-	017.0	70	350	280	348	030.1	-	-	-	-

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, 1992

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	-	1	1	1	050.0	-	-	-	-
030.3	-	-	-	-	040.2	-	2	2	2	050.1	-	-	-	-
030.8	-	-	-	-	040.3	1	1	-	1	050.2	-	-	-	-
030.9	2	7	5	7	040.8	42	53	11	53	050.9	-	-	-	-
031.0	334	3061	2727	3058	041.0	44	108	64	108	051.0	-	-	-	-
031.1	1	4	3	4	041.1	149	420	271	420	051.1	-	-	-	-
031.8	2	2	-	4	041.2	8	20	12	20	051.2	-	-	-	-
031.9	85	469	385	706	041.3	9	37	28	37	051.9	-	-	-	-
032.0	-	-	-	-	041.4	14	60	46	60	052	100	139	39	139
032.1	-	-	-	-	041.5	16	42	26	42	053.0	1	3	2	2
032.2	-	-	-	-	041.6	4	24	20	24	053.1	15	107	92	91
032.3	-	-	-	-	041.7	50	160	111	160	053.2	1	13	12	13
032.8	-	1	1	1	041.8	20	55	35	55	053.7	5	12	7	12
032.9	1	1	-	1	041.9	44	78	34	94	053.8	-	-	-	-
033.0	1	1	-	1	042.0	5825	6481	682	2	053.9	80	496	416	523
033.1	-	-	-	-	042.1	6838	6600	309	9	054.0	-	-	-	-
033.8	-	-	-	-	042.2	2901	3630	741	14	054.1	1	13	12	13
033.9	4	6	2	6	042.9	16540	19361	2867	33264	054.2	-	7	7	7
034.0	4	6	2	6	043.0	-	-	-	-	054.3	83	124	41	133
034.1	-	-	-	-	043.1	128	127	10	195	054.4	-	5	5	5
035	1	10	9	10	043.2	24	44	21	1	054.5	6	8	2	3
036.0	61	70	9	69	043.3	118	128	27	24	054.6	-	1	1	1
036.1	1	1	-	1	043.9	33	63	30	109	054.7	24	60	36	61
036.2	102	125	23	125	044.0	-	1	1	-	054.8	-	1	1	1
036.3	28	42	14	42	044.9	1159	2058	902	5908	054.9	68	273	205	302
036.4	-	-	-	-	045.0	-	-	-	-	055.0	2	3	1	3
036.8	1	1	-	1	045.1	-	-	-	-	055.1	1	1	-	1
036.9	8	10	2	12	045.2	-	-	-	-	055.2	-	-	-	-
037	9	12	3	12	045.9	-	2	2	2	055.7	-	-	-	-
038.0	302	1046	744	1070	046.0	1	1	-	1	055.8	-	-	-	-
038.1	1038	4040	3002	4159	046.1	219	240	21	254	055.9	1	1	-	1
038.2	195	375	181	691	046.2	5	8	3	8	056.0	1	1	-	1
038.3	59	198	139	200	046.3	54	71	17	536	056.7	-	-	-	-
038.4	1036	5227	4191	5350	046.8	-	-	-	-	056.8	-	-	-	-
038.8	131	576	445	592	046.9	-	-	-	-	056.9	-	-	-	-
038.9	16906	90780	73874	92601	047.0	-	-	-	-	057.0	-	-	-	-
039.0	-	3	3	3	047.1	-	-	-	-	057.8	1	7	6	7
039.1	31	49	18	41	047.8	-	-	-	-	057.9	-	-	-	-
039.2	-	-	-	-	047.9	37	58	21	58	060.0	-	-	-	-
039.3	-	-	-	-	048	29	31	2	31	060.1	-	-	-	-
039.4	-	-	-	-	049.0	17	29	12	29	060.9	-	-	-	-
039.8	7	14	7	15	049.1	-	-	-	-	061	1	1	-	1
039.9	17	45	28	71	049.8	1	4	3	5	062.0	-	-	-	-
040.0	79	197	118	197	049.9	105	147	42	149	062.1	-	-	-	-

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, 1992

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	7	8	1	7	083.9	-	-	-	-
062.3	2	3	1	3	074.3	-	-	-	-	084.0	3	3	-	4
062.4	-	-	-	-	074.8	1	1	-	1	084.1	-	-	-	-
062.5	-	-	-	-	075	19	31	12	31	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	-	-	-	-	076.1	-	-	-	-	084.4	-	-	-	-
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	4	6	2	6
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	-	-	-	084.8	1	1	-	1
063.9	-	-	-	-	077.3	-	-	-	-	084.9	-	-	-	-
064	-	-	-	-	077.4	-	-	-	-	085.0	-	-	-	-
065.0	-	-	-	-	077.8	1	2	1	2	085.1	-	-	-	-
065.1	-	-	-	-	077.9	1	2	1	2	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	6	6	6	085.3	-	-	-	-
065.3	-	-	-	-	078.1	1	4	3	4	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	-	-	-	-	085.9	-	-	-	-
065.9	-	1	1	1	078.4	-	-	-	-	086.0	1	1	-	-
066.0	-	-	-	-	078.5	246	2142	1896	2969	086.1	1	1	-	1
066.1	2	2	-	2	078.6	-	-	-	-	086.2	1	1	-	2
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	45	98	53	98	086.4	-	-	-	-
066.8	-	-	-	-	079.0	5	7	2	7	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	-	-	-	086.9	-	-	-	-
070.0	2	3	1	-	079.2	2	3	1	4	087.0	-	-	-	-
070.1	80	143	63	146	079.3	-	-	-	-	087.1	-	-	-	-
070.2	75	93	18	-	079.8	10	30	20	30	087.9	-	-	-	-
070.3	828	1489	662	1582	079.9	254	401	148	425	088.0	-	-	-	-
070.4	28	39	11	-	080	-	-	-	-	088.8	2	24	22	24
070.5	496	932	437	971	081.0	-	-	-	-	088.9	-	-	-	-
070.6	48	54	6	-	081.1	-	-	-	-	090.0	-	2	2	1
070.9	444	727	283	781	081.2	-	-	-	-	090.1	...	-	-	-
071	1	1	-	1	081.9	-	-	-	-	090.2	2	2	-	2
072.0	-	-	-	-	082.0	13	17	4	17	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	1	5	4	5
072.2	-	-	-	-	082.2	-	-	-	-	090.5	1	4	3	4
072.3	-	-	-	-	082.3	-	-	-	-	090.6	...	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	1	2	1	2
072.8	-	-	-	-	082.9	-	-	-	-	090.9	10	27	17	28
072.9	-	1	1	1	083.0	1	1	-	1	091.0	-	-	-	-
073	4	5	1	5	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	1	1	1
074.1	-	-	-	-	083.8	-	-	-	-	091.3	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, 1992

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091.4	-	-	-	-	102.0	-	-	-	-	115.9	67	242	177	384
091.5	-	-	-	-	102.1	-	-	-	-	116.0	44	60	16	60
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	-	-	-	102.5	-	-	-	-	117.1	2	3	1	3
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	410	799	389	799
093.0	8	8	-	5	102.8	...	-	-	-	117.4	-	-	-	-
093.1	3	8	5	8	102.9	-	-	-	-	117.5	213	366	153	1619
093.2	1	1	-	-	103.0	-	-	-	-	117.6	4	4	-	4
093.8	3	3	1	3	103.1	-	-	-	-	117.7	47	83	36	83
093.9	3	3	-	3	103.2	-	-	-	-	117.8	-	1	1	1
094.0	6	18	12	18	103.3	-	-	-	-	117.9	614	1202	588	1256
094.1	9	14	5	14	103.9	-	-	-	-	118	1	4	3	4
094.2	2	4	2	4	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	1	1	1	104.8	-	-	-	-	120.1	1	1	-	1
094.8	3	4	1	1	104.9	-	1	1	1	120.2	-	-	-	-
094.9	19	85	66	85	110.0	-	-	-	-	120.3	-	-	-	-
095	3	1	-	-	110.1	-	1	1	1	120.8	-	-	-	-
096	...	1	1	1	110.2	-	-	-	-	120.9	1	3	2	3
097.0	4	26	22	29	110.3	-	-	-	-	121.0	-	-	-	-
097.1	...	15	15	15	110.4	-	1	1	1	121.1	-	-	-	-
097.9	10	78	68	84	110.5	-	-	-	-	121.2	-	-	-	-
098.0	1	3	2	3	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	-	-	-	110.8	-	-	-	-	121.4	-	-	-	-
098.2	-	-	-	-	110.9	1	9	8	9	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	2	2	2	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	1	1	1	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	1	1	1	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	-	-	-	122.1	-	-	-	-
098.8	3	3	-	3	111.9	-	1	1	1	122.2	-	-	-	-
099.0	-	-	-	-	112.0	9	145	136	151	122.3	-	-	-	-
099.1	1	1	-	1	112.1	-	1	1	1	122.4	-	-	-	-
099.2	-	-	-	-	112.2	4	24	20	24	122.5	-	-	-	-
099.3	-	5	5	5	112.3	-	-	-	-	122.6	-	-	-	-
099.4	-	1	1	1	112.4	73	110	45	108	122.7	-	-	-	-
099.8	-	-	-	-	112.5	431	762	331	798	122.8	2	2	-	2
099.9	2	7	5	7	112.8	56	284	228	302	122.9	-	1	1	1
100.0	-	-	-	-	112.9	171	555	385	616	123.0	-	-	-	-
100.8	-	-	-	-	114	143	209	66	256	123.1	18	23	5	23
100.9	2	2	-	2	115.0	8	16	8	19	123.2	-	-	-	-
101	1	2	1	2	115.1	-	-	-	-	123.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 1

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123.4	-	-	-	-	132.9	-	-	-	-	142.0	518	608	90	608
123.5	-	-	-	-	133.0	-	12	12	12	142.1	41	48	7	48
123.6	-	-	-	-	133.8	1	1	-	1	142.2	2	2	-	2
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	1	2	1	2	142.9	119	135	16	136
124	-	-	-	-	134.1	-	-	-	-	143.0	22	28	6	28
125.0	-	-	-	-	134.2	-	-	-	-	143.1	61	81	20	81
125.1	-	-	-	-	134.8	-	-	-	-	143.8	1	1	-	1
125.2	-	-	-	-	134.9	1	1	-	1	143.9	46	60	14	61
125.3	-	-	-	-	135	588	982	394	982	144.0	1	1	-	1
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	4	10	6	10	144.8	-	-	-	-
125.6	-	-	-	-	136.2	-	-	-	-	144.9	294	355	61	355
125.7	-	-	-	-	136.3	524	649	126	4074	145.0	40	50	10	50
125.9	-	-	-	-	136.4	-	-	-	-	145.1	1	1	-	1
126.0	-	-	-	-	136.5	-	-	-	-	145.2	34	47	13	47
126.1	-	-	-	-	136.8	4	10	6	10	145.3	100	142	42	142
126.2	-	-	-	-	136.9	279	1188	913	1997	145.4	9	11	2	11
126.3	-	-	-	-	137.0	144	594	450	594	145.5	118	153	35	153
126.8	-	-	-	-	137.1	1	2	1	2	145.6	25	28	3	28
126.9	1	1	-	1	137.2	1	1	-	1	145.8	1	2	1	2
127.0	-	2	2	2	137.3	-	3	3	3	145.9	943	1187	245	1230
127.1	-	-	-	-	137.4	-	6	6	6	146.0	508	621	113	621
127.2	9	20	11	23	138	172	663	491	663	146.1	28	34	6	34
127.3	-	-	-	-	139.0	11	13	2	13	146.2	4	5	1	5
127.4	2	2	-	2	139.1	-	-	-	-	146.3	6	9	3	9
127.5	-	-	-	-	139.8	87	221	134	221	146.4	-	-	-	-
127.6	-	-	-	-	140.0	2	6	4	6	146.5	-	-	-	-
127.7	-	-	-	-	140.1	14	18	4	18	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	-	-	-	-
127.9	1	1	-	1	140.4	-	1	1	1	146.8	-	-	-	-
128.0	1	1	-	1	140.5	-	-	-	-	146.9	528	624	96	625
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	1	1	-	1	140.8	-	-	-	-	147.1	16	17	1	17
128.9	-	1	1	1	140.9	74	105	31	105	147.2	-	-	-	-
129	-	-	-	-	141.0	157	175	18	175	147.3	-	1	1	1
130	76	105	29	1416	141.1	1	1	-	1	147.8	-	-	-	-
131.0	-	-	-	-	141.2	2	2	-	2	147.9	681	758	77	758
131.8	-	-	-	-	141.3	-	-	-	-	148.0	1	1	-	1
131.9	-	-	-	-	141.4	1	1	-	1	148.1	218	245	27	245
132.0	-	-	-	-	141.5	-	-	-	-	148.2	2	2	-	2
132.1	-	-	-	-	141.6	18	23	5	23	148.3	-	-	-	-
132.2	-	-	-	-	141.8	-	-	-	-	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1625	2004	379	2006	148.9	272	325	53	328

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  
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149.0	1571	2062	491	2093	155.2	3459	4122	663	4168	163.9	473	549	77	549
149.1	1	3	2	3	156.0	2141	2305	164	2305	164.0	143	161	18	161
149.8	1	1	-	1	156.1	953	1071	118	1071	164.1	72	104	32	104
149.9	-	-	-	-	156.2	332	385	53	385	164.2	3	4	1	4
150.0	18	19	1	19	156.8	1	1	-	1	164.3	1	1	-	1
150.1	-	-	-	-	156.9	517	556	39	575	164.8	-	-	-	-
150.2	-	-	-	-	157.0	530	568	38	568	164.9	193	257	64	261
150.3	11	14	3	14	157.1	24	27	3	27	165.0	2	2	-	2
150.4	10	15	5	15	157.2	43	52	9	52	165.8	-	-	-	-
150.5	105	114	9	114	157.3	7	8	1	8	165.9	15	16	1	17
150.8	1	1	-	1	157.4	136	142	6	142	170.0	83	97	14	97
150.9	10094	11221	1127	11223	157.8	3	3	-	3	170.1	64	97	33	97
151.0	623	674	51	674	157.9	25328	26655	1327	26672	170.2	103	138	35	138
151.1	9	10	1	10	158.0	284	316	32	316	170.3	18	18	-	18
151.2	14	15	1	15	158.8	42	54	12	54	170.4	16	20	4	20
151.3	6	7	1	7	158.9	277	317	40	317	170.5	2	2	-	2
151.4	6	6	-	6	159.0	882	1090	208	1106	170.6	72	83	11	83
151.5	2	2	-	2	159.1	17	34	17	34	170.7	75	91	16	91
151.6	-	-	-	-	159.8	3	4	1	4	170.8	1	2	1	2
151.8	-	-	-	-	159.9	459	547	88	560	170.9	718	896	179	903
151.9	12970	14387	1417	14394	160.0	44	53	9	53	171.0	62	75	13	75
152.0	447	508	61	508	160.1	10	11	1	11	171.2	53	68	15	68
152.1	56	62	6	62	160.2	203	241	38	241	171.3	192	231	39	231
152.2	68	80	12	80	160.3	32	35	3	35	171.4	80	94	14	94
152.3	5	6	1	6	160.4	5	9	4	9	171.5	172	194	22	194
152.8	16	21	5	21	160.5	18	20	2	20	171.6	97	119	22	119
152.9	384	437	53	437	160.8	1	1	-	1	171.7	13	15	2	15
153.0	25	33	8	33	160.9	141	181	40	181	171.8	4	5	1	5
153.1	168	205	37	205	161.0	76	130	54	130	171.9	2717	2940	223	2978
153.2	199	244	45	244	161.1	174	227	53	227	172.0	4	4	-	4
153.3	982	1200	218	1207	161.2	10	11	1	11	172.1	5	5	-	5
153.4	801	1061	260	1061	161.3	5	6	1	6	172.2	19	23	4	23
153.5	155	170	15	170	161.8	1	1	-	1	172.3	69	84	15	85
153.6	619	739	120	739	161.9	3700	5146	1446	5158	172.4	87	100	13	100
153.7	34	37	3	37	162.0	136	177	41	177	172.5	216	232	16	232
153.8	1	3	2	3	162.2	106	118	12	118	172.6	100	111	11	111
153.9	45343	53898	8556	54071	162.3	1050	1210	160	1210	172.7	118	138	20	138
154.0	1462	1620	158	1559	162.4	61	80	19	80	172.8	1	1	-	1
154.1	6323	7508	1185	7569	162.5	406	460	54	460	172.9	5949	6507	558	6585
154.2	20	25	5	25	162.8	7	6	1	6	173.0	7	11	4	11
154.3	289	351	62	351	162.9	144177	155879	11703	155945	173.1	15	27	12	27
154.8	73	84	11	84	163.0	3	4	1	4	173.2	133	204	71	204
155.0	4465	4849	384	4849	163.1	1	2	1	2	173.3	226	458	232	467
155.1	1631	1725	94	1725	163.8	-	-	-	-	173.4	1087	1337	250	1340

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 1

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173.5	74	95	21	95	187.4	194	252	58	252	192.1	126	166	40	166
173.6	36	61	25	62	187.5	-	1	1	1	192.2	66	91	25	91
173.7	53	82	29	87	187.6	4	5	1	5	192.3	1	2	1	2
173.8	1	1	-	1	187.7	10	16	6	16	192.8	-	-	-	-
173.9	617	1158	541	3690	187.8	3	3	-	3	192.9	63	70	7	70
174.0	6	15	9	15	187.9	14	19	5	20	193	1111	1386	275	1386
174.1	-	1	1	1	188.0	-	-	-	-	194.0	565	644	79	644
174.2	-	-	-	-	188.1	2	2	-	2	194.1	12	17	5	17
174.3	-	-	-	-	188.2	-	-	-	-	194.3	32	60	28	60
174.4	1	1	-	1	188.3	1	1	-	1	194.4	29	33	4	33
174.5	-	-	-	-	188.4	-	1	1	1	194.5	-	1	1	1
174.6	-	-	-	-	188.5	8	9	1	9	194.6	14	15	1	15
174.8	-	1	1	1	188.6	-	-	-	-	194.8	4	4	-	4
174.9	43061	51926	8865	51927	188.7	12	14	2	14	194.9	56	75	19	77
175	297	402	105	402	188.8	1	1	-	1	195.0	1638	1926	288	2278
179	2888	3550	662	3623	188.9	10683	14218	3535	14218	195.1	194	231	37	279
180.0	47	51	4	51	189.0	10281	12042	1761	12042	195.2	1085	1233	148	1464
180.1	-	-	-	-	189.1	148	166	18	166	195.3	290	345	55	419
180.8	2	2	-	2	189.2	319	411	92	411	195.4	11	17	6	28
180.9	4592	5147	555	5147	189.3	152	194	42	194	195.5	34	40	6	47
181	12	14	2	14	189.4	1	1	-	1	195.8	65	82	17	98
182.0	3176	3724	548	3724	189.8	1	1	-	1	196.0	...	143	143	143
182.1	-	-	-	-	189.9	34	45	11	49	196.1	...	124	124	124
182.8	-	-	-	-	190.0	3	5	2	5	196.2	...	142	142	142
183.0	13182	14163	981	14163	190.1	37	66	29	66	196.3	...	41	41	41
183.2	205	219	14	219	190.2	7	9	2	9	196.5	...	19	19	19
183.3	1	2	1	2	190.3	1	1	-	1	196.6	...	20	20	20
183.4	-	-	-	-	190.4	1	2	1	2	196.8	...	1	1	1
183.5	-	-	-	-	190.5	25	36	11	36	196.9	...	1464	1464	1464
183.8	3	3	-	3	190.6	11	13	2	13	197.0	...	17973	17973	17973
183.9	2	2	-	2	190.7	2	3	1	3	197.1	...	659	659	659
184.0	367	464	97	464	190.8	-	-	-	-	197.2	...	1245	1245	1245
184.1	4	6	2	6	190.9	170	210	40	210	197.3	...	287	287	287
184.2	-	1	1	1	191.0	365	395	30	395	197.4	...	160	160	160
184.3	2	2	-	2	191.1	165	178	13	178	197.5	...	2513	2513	2513
194.4	672	843	171	843	191.2	135	151	16	151	197.6	...	1509	1509	1509
184.8	36	39	3	39	191.3	112	121	9	121	197.7	...	27220	27220	27220
184.9	38	45	7	46	191.4	21	25	4	25	197.8	...	1896	1896	1896
185	34240	46738	12498	46738	191.5	25	28	3	28	198.0	...	613	613	613
186.0	1	2	1	2	191.6	181	204	23	204	198.1	...	687	687	687
186.9	354	428	74	428	191.7	192	217	25	217	198.2	...	640	640	640
187.1	1	1	-	1	191.8	81	82	2	82	198.3	...	19473	19473	19473
187.2	-	-	-	-	191.9	10397	11075	679	11094	198.4	...	1055	1055	1055
187.3	-	-	-	-	192.0	11	14	3	14	198.5	...	15625	15625	15625

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, 1992

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 SECONDD- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECONDD- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECONDD- ARY	ENTITY AXIS
198.6	...	391	391	391	206.9	33	40	7	40	213.4	1	1	-	1
198.7	...	728	728	728	207.0	71	85	14	85	213.5	-	-	-	-
198.8	...	11579	11579	11579	207.1	-	-	-	-	213.6	-	1	1	1
199.0	1450	23347	21897	23347	207.2	35	37	2	37	213.7	-	1	1	1
199.1	30740	65784	35044	56752	207.8	53	66	13	66	213.8	-	-	-	-
200.0	233	276	43	278	208.0	2841	3058	217	3189	213.9	4	5	1	5
200.1	710	858	148	858	208.1	155	310	155	317	214	9	24	15	24
200.2	114	114	-	168	208.2	3	7	4	7	215.0	-	-	-	-
200.8	339	385	46	423	208.8	17	23	6	24	215.2	-	1	1	1
201.0	-	-	-	-	208.9	1946	2623	677	2792	215.3	1	1	-	1
201.1	-	-	-	-	210.0	-	-	-	-	215.4	1	3	2	3
201.2	-	-	-	-	210.1	-	-	-	-	215.5	2	4	2	4
201.4	-	2	2	2	210.2	2	13	11	13	215.6	1	2	1	2
201.5	24	25	1	25	210.3	-	-	-	-	215.7	-	-	-	-
201.6	6	7	1	7	210.4	-	1	1	1	215.8	-	-	-	-
201.7	7	7	-	7	210.5	-	-	-	-	215.9	21	49	28	49
201.9	1602	2179	577	2183	210.6	-	-	-	-	216.0	-	-	-	-
202.0	198	235	37	235	210.7	-	-	-	-	216.1	-	-	-	-
202.1	148	217	69	217	210.8	-	-	-	-	216.2	-	-	-	-
202.2	7	16	9	16	210.9	-	-	-	-	216.3	-	2	2	2
202.3	17	18	1	18	211.0	2	3	1	3	216.4	-	1	1	1
202.4	98	176	78	176	211.1	14	46	32	46	216.5	1	1	-	1
202.5	1	1	-	1	211.2	1	9	8	9	216.6	-	1	1	1
202.6	4	4	-	4	211.3	66	320	254	320	216.7	4	4	-	4
202.8	18274	21929	3656	23079	211.4	4	10	6	10	216.8	-	-	-	-
202.9	36	46	10	54	211.5	8	21	13	21	216.9	14	24	10	24
203.0	9224	11128	1904	11128	211.6	14	19	5	19	217	1	3	2	3
203.1	47	85	38	85	211.7	36	52	16	52	218	23	64	41	64
203.8	23	37	14	37	211.8	4	5	1	5	219.0	-	-	-	-
204.0	1442	1593	151	1623	211.9	3	5	2	5	219.1	1	1	-	1
204.1	4005	6340	2335	6340	212.0	2	3	1	3	219.8	-	-	-	-
204.2	4	8	4	8	212.1	3	4	1	4	219.9	2	8	6	8
204.8	2	2	-	2	212.2	2	3	1	3	220	15	51	36	51
204.9	346	487	141	499	212.3	10	22	12	22	221.0	-	-	-	-
205.0	5524	5853	329	5990	212.4	-	1	1	1	221.1	-	-	-	-
205.1	2301	2776	475	2776	212.5	3	6	3	6	221.2	-	-	-	-
205.2	7	7	-	7	212.6	21	44	23	44	221.8	-	-	-	-
205.3	16	26	10	26	212.7	57	96	39	96	221.9	-	-	-	-
205.8	2	2	-	2	212.8	-	1	1	1	222.0	2	3	1	3
205.9	259	307	48	318	212.9	-	-	-	-	222.1	-	-	-	-
206.0	196	211	15	211	213.0	1	2	1	2	222.2	2	6	4	6
206.1	14	20	6	20	213.1	1	5	4	5	222.3	-	-	-	-
206.2	-	-	-	-	213.2	3	4	1	4	222.4	-	-	-	-
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, 1992

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	AXIS	ENTITY			UC	RECORD	AXIS	ENTITY			UC	RECORD	AXIS	ENTITY
	TOTAL	SECOND-	AXIS	AXIS			TOTAL	SECOND-	AXIS	AXIS			TOTAL	SECOND-	AXIS	AXIS
	MENTION	ARY			MENTION	ARY			MENTION	ARY			MENTION	ARY		
222.9	-	1	1	1	230.6	-	-	-	-	236.3	-	-	-	-		
223.0	4	14	10	14	230.7	1	1	-	1	236.4	-	-	-	-		
223.1	-	-	-	-	230.8	1	1	-	1	236.5	-	-	-	-		
223.2	-	-	-	-	230.9	-	-	-	-	236.6	-	1	1	1		
223.3	1	1	-	1	231.0	-	1	1	1	236.7	1	3	2	3		
223.8	-	1	1	1	231.1	-	-	-	-	236.9	1	8	7	8		
223.9	-	-	-	-	231.2	-	-	-	-	237.0	61	89	28	89		
224.0	1	1	-	1	231.8	-	-	-	-	237.1	4	9	5	9		
224.1	-	-	-	-	231.9	-	-	-	-	237.2	-	1	1	1		
224.2	-	-	-	-	232.0	-	-	-	-	237.3	4	7	3	7		
224.3	-	-	-	-	232.1	-	-	-	-	237.4	-	2	2	2		
224.4	-	-	-	-	232.2	-	-	-	-	237.5	25	37	12	37		
224.5	-	-	-	-	232.3	-	-	-	-	237.6	4	6	2	6		
224.6	-	-	-	-	232.4	-	-	-	-	237.7	95	288	193	288		
224.7	-	-	-	-	232.5	-	-	-	-	237.9	1	1	-	1		
224.8	-	-	-	-	232.6	-	-	-	-	238.0	8	12	4	12		
224.9	-	1	1	1	232.7	-	-	-	-	238.1	36	44	8	44		
225.0	104	150	46	150	232.8	-	-	-	-	238.2	2	3	1	3		
225.1	38	88	50	88	232.9	1	5	4	5	238.3	9	11	2	11		
225.2	726	1399	673	1399	233.0	-	4	4	4	238.4	337	1221	884	1221		
225.3	1	4	3	4	233.1	2	6	4	6	238.5	-	-	-	-		
225.4	2	6	4	6	233.2	-	-	-	-	238.6	38	95	57	95		
225.8	-	-	-	-	233.3	-	2	2	2	238.7	815	1646	831	1646		
225.9	3	3	-	3	233.4	1	1	-	1	238.8	6	20	14	20		
226	3	12	9	12	233.5	-	-	-	-	238.9	107	184	77	187		
227.0	37	93	56	93	233.6	-	-	-	-	239.0	384	661	277	691		
227.1	11	38	27	38	233.7	-	3	3	3	239.1	433	739	306	758		
227.3	107	236	129	236	233.9	-	-	-	-	239.2	23	59	36	61		
227.4	-	-	-	-	234.0	-	-	-	-	239.3	4	28	24	29		
227.5	-	1	1	1	234.8	-	-	-	-	239.4	41	142	101	145		
227.6	1	1	-	1	234.9	-	5	5	5	239.5	103	265	162	272		
227.8	-	-	-	-	235.0	-	-	-	-	239.6	2362	2964	602	3115		
227.9	1	2	1	2	235.1	3	3	-	3	239.7	150	368	218	372		
228.0	51	88	37	88	235.2	55	156	101	156	239.8	226	432	206	437		
228.1	42	90	48	90	235.3	14	22	8	22	239.9	115	205	91	434		
229.0	-	-	-	-	235.4	2	3	1	3	240.0	-	1	1	1		
229.8	6	12	6	12	235.5	19	30	11	30	240.9	26	216	190	226		
229.9	35	73	38	74	235.6	-	1	1	1	241.0	2	17	15	18		
230.0	-	2	2	2	235.7	27	48	21	48	241.1	5	47	42	51		
230.1	-	-	-	-	235.8	5	6	1	6	241.9	1	28	27	28		
230.2	-	-	-	-	235.9	2	2	-	2	242.0	19	135	116	128		
230.3	-	7	7	7	236.0	-	-	-	-	242.1	-	1	1	-		
230.4	-	1	1	1	236.1	1	1	-	1	242.2	7	11	4	7		
230.5	-	-	-	-	236.2	5	12	7	12	242.3	1	4	3	4		

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
242.4	-	1	1	1	253.0	10	60	50	60	259.8	4	14	10	14
242.8	-	-	-	-	253.1	-	1	1	1	259.9	5	13	8	18
242.9	137	683	546	708	253.2	61	397	336	397	260	80	231	155	255
243	4	11	7	11	253.3	3	6	3	6	261	237	1938	1717	2010
244.0	...	2	2	2	253.4	1	2	1	2	262	13	43	31	32
244.1	1	2	1	2	253.5	28	190	162	190	263.0	1	6	5	7
244.2	-	-	-	-	253.6	68	605	537	605	263.1	1	5	4	7
244.3	-	5	5	5	253.7	-	1	1	1	263.2	8	15	8	-
244.8	-	4	4	4	253.8	4	23	19	23	263.8	2	2	-	2
244.9	827	10040	9213	10040	253.9	7	16	9	18	263.9	2656	26856	24201	27587
245.0	1	3	2	3	254.0	3	8	5	8	264.0	-	-	-	-
245.1	-	2	2	2	254.1	-	-	-	-	264.1	-	-	-	-
245.2	5	26	21	26	254.8	4	6	2	6	264.2	-	-	-	-
245.3	-	-	-	-	254.9	1	4	3	4	264.3	-	-	-	-
245.4	-	-	-	-	255.0	38	234	196	234	264.4	-	-	-	-
245.8	1	18	17	18	255.1	4	21	17	21	264.5	-	-	-	-
245.9	5	31	26	32	255.2	6	12	6	12	264.6	-	-	-	-
246.0	-	1	1	1	255.3	1	14	13	14	264.7	-	-	-	-
246.1	-	1	1	1	255.4	158	975	817	978	264.8	-	-	-	-
246.2	-	5	5	5	255.5	-	4	4	4	264.9	1	3	2	3
246.3	-	4	4	4	255.6	1	4	3	4	265.0	2	8	6	8
246.8	-	9	9	9	255.8	5	62	57	63	265.1	15	67	52	70
246.9	20	135	115	141	255.9	4	42	38	44	265.2	1	1	-	1
250.0	37414	144232	106858	166412	256.0	-	-	-	-	266.0	-	4	4	4
250.1	1671	2798	1128	1793	256.1	-	-	-	-	266.1	-	-	-	-
250.2	1058	1693	636	1006	256.2	-	-	-	-	266.2	17	248	232	298
250.3	4652	9407	4773	1864	256.3	-	2	2	2	266.9	-	5	5	6
250.4	114	398	284	184	256.4	1	4	3	4	267	1	6	5	6
250.5	347	920	574	369	256.8	-	-	-	-	268.0	1	4	3	4
250.6	3708	9365	5667	147	256.9	-	-	-	-	268.1	-	-	-	-
250.7	965	2337	1376	253	257.0	-	-	-	-	268.2	6	33	27	34
250.9	138	168	30	207	257.1	-	-	-	-	268.9	-	6	6	7
251.0	29	85	56	149	257.2	1	8	7	8	269.0	2	5	3	6
251.1	1	6	5	6	257.8	-	-	-	-	269.1	1	3	2	3
251.2	160	1199	1040	1221	257.9	-	-	-	-	269.2	-	5	5	7
251.3	...	-	-	-	258.0	-	1	1	1	269.3	2	6	4	7
251.4	-	-	-	-	258.1	1	1	-	1	269.8	3	11	8	11
251.5	16	43	27	43	258.8	3	4	1	4	269.9	85	1052	967	1111
251.8	-	48	48	48	258.9	2	11	9	11	270.0	1	10	9	10
251.9	-	2	2	3	259.0	1	2	1	2	270.1	2	7	5	7
252.0	81	458	377	458	259.1	-	-	-	-	270.2	10	24	14	24
252.1	9	128	119	128	259.2	29	53	24	53	270.3	2	2	-	2
252.8	-	-	-	-	259.3	-	1	1	1	270.4	1	4	3	4
252.9	3	9	6	10	259.4	42	105	63	105	270.5	-	-	-	-

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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, 1992

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
270.6	51	75	24	75	276.6	37	302	265	302	283.0	119	309	190	310
270.7	14	25	11	25	276.7	262	3832	3570	3832	283.1	54	216	162	216
270.8	4	4	-	4	276.8	99	935	836	935	283.2	12	19	7	19
270.9	-	2	2	2	276.9	406	3380	2974	4507	283.9	17	42	25	43
271.0	31	40	9	40	277.0	397	449	52	449	284.0	38	92	54	32
271.1	1	3	2	3	277.1	11	53	42	53	284.8	434	3320	2886	3417
271.2	-	-	-	-	277.2	3	4	2	4	284.9	827	1886	1062	1986
271.3	10	222	212	222	277.3	761	1129	368	1129	285.0	157	426	269	416
271.4	4	7	3	7	277.4	2	9	7	9	285.1	18	55	37	40
271.8	4	8	4	8	277.5	73	86	13	86	285.8	62	185	123	183
271.9	-	-	-	-	277.6	166	216	50	216	285.9	1516	31484	29970	32304
272.0	789	2829	2040	2854	277.8	64	90	26	90	286.0	97	389	292	390
272.1	30	83	57	108	277.9	284	1595	1311	1809	286.1	7	30	23	30
272.2	9	41	32	16	278.0	1488	8957	7469	9042	286.2	3	8	5	8
272.3	1	2	1	2	278.1	-	-	-	-	286.3	40	136	96	136
272.4	971	3503	2532	3528	278.2	1	1	-	1	286.4	10	41	31	40
272.5	5	20	16	20	278.3	-	-	-	-	286.5	4	13	9	13
272.6	1	5	4	5	278.4	-	-	-	-	286.6	699	4607	3908	4607
272.7	42	77	35	77	278.8	121	213	92	213	286.7	3	7	4	7
272.8	12	28	16	28	279.0	32	114	82	114	286.9	433	3320	2887	3394
272.9	12	31	19	31	279.1	15	35	20	35	287.0	14	37	23	37
273.0	3	16	13	16	279.2	19	31	12	31	287.1	8	27	19	27
273.1	35	180	145	180	279.3	689	1492	803	1547	287.2	6	14	8	16
273.2	49	109	60	109	279.4	256	419	163	425	287.3	305	766	461	766
273.3	295	545	250	545	279.8	12	36	24	38	287.4	11	44	33	44
273.8	132	1122	990	1122	279.9	12	27	15	27	287.5	431	4524	4093	4573
273.9	8	28	20	29	280	91	1383	1292	1316	287.8	-	7	7	7
274.0	20	250	230	207	281.0	111	1395	1285	1395	287.9	37	248	211	306
274.1	15	22	12	10	281.1	2	21	19	21	288.0	322	2815	2493	2819
274.8	-	4	4	-	281.2	11	122	111	122	288.1	17	36	19	36
274.9	52	1218	1167	1279	281.3	-	3	3	3	288.2	4	6	2	6
275.0	218	507	290	541	281.4	2	3	1	2	288.3	27	60	33	61
275.1	18	28	10	28	281.8	6	208	202	-	288.8	100	514	414	514
275.2	11	50	39	50	281.9	50	265	216	158	288.9	2	4	2	4
275.3	11	48	37	48	282.0	6	18	12	18	289.0	2	61	59	61
275.4	110	4149	4039	4149	282.1	-	3	3	3	289.1	-	-	-	-
275.8	1	1	-	1	282.2	-	2	2	2	289.2	-	3	3	3
275.9	-	3	3	3	282.3	12	18	6	18	289.3	-	20	20	20
276.0	256	1278	1022	1278	282.4	33	123	90	123	289.4	21	177	156	178
276.1	213	2089	1876	2089	282.5	5	30	25	32	289.5	100	487	387	491
276.2	723	6517	5794	7554	282.6	487	700	213	702	289.6	1	4	3	4
276.3	10	75	65	75	282.7	5	13	8	17	289.7	7	7	-	7
276.4	-	2	2	2	282.8	1	2	1	2	289.8	2391	5495	3104	5531
276.5	3055	24469	21414	24489	282.9	170	612	442	627	289.9	99	506	407	665

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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, 1992

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
290.0	3324	14780	11462	14749	296.8	1	9	8	9	302.5	-	1	1	1
290.1	5369	12227	6860	11430	296.9	2	61	59	62	302.6	-	-	-	-
290.2	96	654	565	59	297.0	-	1	1	1	302.7	-	1	1	1
290.3	14	18	5	1	297.1	5	54	49	54	302.8	1	3	2	3
290.4	2324	7690	5366	6819	297.2	-	-	-	-	302.9	-	-	-	-
290.8	-	1	1	1	297.3	2	5	3	5	303	5217	14660	9447	20240
290.9	3	6	5	5	297.8	-	-	-	-	304.0	23	47	24	47
291.0	148	252	110	262	297.9	1	82	81	87	304.1	-	3	3	3
291.1	11	7	5	6	298.0	-	1	1	1	304.2	9	26	17	26
291.2	90	96	63	97	298.1	-	3	3	3	304.3	-	1	1	1
291.3	-	-	-	-	298.2	-	3	3	3	304.4	-	1	1	1
291.4	-	-	-	-	298.3	-	-	-	-	304.5	-	1	1	1
291.5	-	1	1	-	298.4	1	2	1	2	304.6	12	75	63	75
291.8	120	191	76	232	298.8	1	5	4	5	304.7	-	-	-	-
291.9	15	99	91	6	298.9	5055	17201	12157	17475	304.8	-	1	1	1
292.0	7	18	11	18	299.0	3	19	16	19	304.9	265	532	267	534
292.1	-	-	-	-	299.1	1	1	-	1	305.0	788	3381	2593	5817
292.2	-	-	-	-	299.8	-	-	-	-	305.1	230	18420	18190	18422
292.8	4	6	2	6	299.9	-	1	1	1	305.2	2	29	27	29
292.9	2	3	1	3	300.0	16	561	545	565	305.3	1	4	3	4
293.0	2	10	8	12	300.1	11	34	23	34	305.4	2	12	10	12
293.1	-	-	-	-	300.2	-	12	12	12	305.5	42	126	84	126
293.8	1	3	2	3	300.3	-	12	12	12	305.6	146	624	478	624
293.9	2	17	15	17	300.4	12	270	258	266	305.7	9	51	42	51
294.0	11	111	100	111	300.5	1	14	13	14	305.8	1	4	3	4
294.8	1	8	7	8	300.6	-	-	-	-	305.9	574	3960	3387	4043
294.9	76	2544	2471	22543	300.7	-	-	-	-	306.0	-	1	1	1
295.0	93	242	149	242	300.8	-	2	2	2	306.1	-	10	10	10
295.1	4	16	12	16	300.9	31	257	226	261	306.2	2	38	36	38
295.2	15	48	33	48	301.0	1	7	6	7	306.3	-	-	-	-
295.3	26	294	268	294	301.1	-	-	-	-	306.4	1	4	3	4
295.4	-	1	1	1	301.2	1	10	9	10	306.5	-	-	-	-
295.5	-	-	-	-	301.3	1	7	6	7	306.6	-	-	-	-
295.6	41	542	501	542	301.4	-	1	1	1	306.7	-	-	-	-
295.7	4	67	63	67	301.5	-	3	3	3	306.8	-	-	-	-
295.8	2	9	7	9	301.6	-	1	1	1	306.9	-	-	-	-
295.9	107	1720	1613	1722	301.7	-	4	4	4	307.0	-	-	-	-
296.0	1	18	17	18	301.8	-	5	5	5	307.1	62	145	83	145
296.1	28	204	176	204	301.9	2	74	72	75	307.2	-	5	5	5
296.2	-	10	10	10	302.0	1	20	19	20	307.3	-	-	-	-
296.3	2	8	6	8	302.1	-	-	-	-	307.4	-	-	-	-
296.4	-	2	2	2	302.2	-	-	-	-	307.5	126	459	333	459
296.5	20	293	273	293	302.3	-	-	-	-	307.6	-	-	-	-
296.6	11	229	218	229	302.4	-	-	-	-	307.7	-	-	-	-

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, 1992

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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307.8	-	2	2	2	315.8	1	3	2	3	333.5	9	34	25	34
307.9	29	119	90	138	315.9	1	16	15	16	333.6	4	11	7	11
308.0	-	-	-	-	316	-	-	-	-	333.7	3	6	3	6
308.1	1	1	-	1	317	1	29	28	29	333.8	36	189	153	189
308.2	-	-	-	-	318.0	2	15	13	15	333.9	25	63	38	65
308.3	-	2	2	2	318.1	67	264	197	264	334.0	58	82	24	82
308.4	-	-	-	-	318.2	46	195	149	195	334.1	8	16	8	16
308.9	38	289	251	289	319	279	1704	1425	1709	334.2	15	26	11	26
309.0	2	36	34	36	320.0	15	23	8	23	334.3	15	77	62	77
309.1	-	-	-	-	320.1	152	275	123	275	334.8	78	142	64	142
309.2	-	1	1	1	320.2	76	130	54	130	334.9	99	226	127	228
309.3	-	-	-	-	320.3	21	56	35	56	335.0	139	160	21	160
309.4	-	-	-	-	320.8	10	32	22	32	335.1	52	65	13	65
309.8	-	1	1	1	320.9	150	266	116	272	335.2	3796	4381	585	4381
309.9	1	8	7	8	322.0	1	8	7	8	335.8	1	1	-	1
310.0	1	6	5	7	322.1	-	-	-	-	335.9	3	4	1	5
310.1	-	2	2	2	322.2	10	24	14	24	336.0	30	62	32	62
310.2	10	36	26	37	322.9	363	1535	1172	1562	336.1	30	119	89	119
310.8	2	7	5	7	323.5	-	-	-	-	336.8	15	67	52	71
310.9	3526	22566	19040	22569	323.8	-	5	5	5	336.9	64	273	209	1023
311	358	6299	5941	6308	323.9	247	943	696	1033	337.0	4	13	9	13
312.0	-	-	-	-	324.0	139	376	237	376	337.9	17	64	48	107
312.1	-	-	-	-	324.1	14	26	12	26	340	1900	3316	1416	3316
312.2	-	-	-	-	324.9	30	76	46	76	341.0	3	3	-	3
312.3	-	-	-	-	325	21	46	25	46	341.1	4	7	3	7
312.8	-	7	7	7	326	66	110	44	110	341.8	17	24	7	24
312.9	4	14	10	14	330.0	97	112	15	112	341.9	66	120	54	125
313.0	1	1	-	1	330.1	44	50	6	50	342.0	-	3	3	3
313.1	-	-	-	-	330.8	28	30	2	30	342.1	-	26	26	26
313.2	-	-	-	-	330.9	3	6	3	7	342.9	151	6591	6440	6922
313.3	-	-	-	-	331.0	14435	32557	18123	33333	343.0	1	5	4	4
313.8	-	-	-	-	331.1	34	55	21	63	343.1	4	6	2	6
313.9	-	-	-	-	331.2	35	93	60	83	343.2	32	57	25	18
314.0	-	1	1	1	331.3	11	31	20	31	343.3	-	-	-	-
314.1	-	-	-	-	331.4	616	2174	1559	2211	343.4	-	-	-	-
314.2	-	1	1	1	331.8	36	63	27	63	343.8	-	1	1	1
314.8	-	-	-	-	331.9	368	1509	1142	1650	343.9	784	1481	697	1522
314.9	1	1	-	1	332.0	7764	21186	13423	21200	344.0	215	1291	1076	1330
315.0	-	1	1	1	332.1	5	37	22	37	344.1	124	1218	1094	1220
315.1	-	-	-	-	333.0	201	334	133	322	344.2	2	14	12	14
315.2	-	3	3	3	333.1	3	44	41	44	344.3	4	48	44	48
315.3	-	1	1	1	333.2	11	35	24	35	344.4	-	23	23	23
315.4	-	8	8	8	333.3	-	-	-	-	344.5	-	3	3	3
315.5	-	-	-	-	333.4	403	582	179	582	344.6	131	675	544	676

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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344.8	84	956	872	956	352.5	-	1	1	2	358.2	-	1	1	1
344.9	47	726	679	749	352.6	6	9	3	8	358.8	3	7	4	7
345.0	4	18	14	18	352.9	10	26	16	28	358.9	142	208	66	210
345.1	302	689	388	689	353.0	-	7	7	7	359.0	24	28	4	28
345.2	2	3	1	3	353.1	-	7	7	7	359.1	594	864	270	867
345.3	507	1029	523	1028	353.2	1	1	-	1	359.2	164	241	77	241
345.4	6	18	12	18	353.3	-	-	-	-	359.3	1	4	3	4
345.5	3	10	7	10	353.4	-	-	-	-	359.4	10	61	51	61
345.6	7	11	4	11	353.5	-	-	-	-	359.8	13	37	24	37
345.7	1	3	2	3	353.6	-	-	-	-	359.9	87	271	184	273
345.8	1	1	-	1	353.8	-	-	-	-	360.0	3	21	18	21
345.9	558	1111	553	1150	353.9	-	-	-	-	360.1	-	-	-	-
346.0	-	2	2	2	354.0	1	18	17	18	360.2	-	-	-	-
346.1	1	1	-	1	354.1	1	1	-	1	360.3	-	-	-	-
346.2	-	4	4	4	354.2	-	1	1	1	360.4	-	1	1	1
346.8	-	-	-	-	354.3	-	1	1	1	360.5	-	-	-	-
346.9	2	47	45	47	354.4	-	3	3	3	360.6	-	-	-	-
347	1	35	34	35	354.5	2	5	3	5	360.8	-	1	1	1
348.0	30	65	35	65	354.8	3	8	5	8	360.9	-	-	-	-
348.1	1966	17349	15383	17318	354.9	-	2	2	2	361.0	-	-	-	-
348.2	36	1147	1111	1147	355.0	-	2	2	2	361.1	-	-	-	-
348.3	490	3629	3139	3756	355.1	-	-	-	-	361.2	-	-	-	-
348.4	92	3014	2922	3014	355.2	-	1	1	1	361.3	-	-	-	-
348.5	171	2729	2558	2729	355.3	1	4	3	4	361.8	-	-	-	-
348.8	92	808	716	808	355.4	-	-	-	-	361.9	-	13	13	13
348.9	223	1032	810	1668	355.5	-	-	-	-	362.1	2	20	19	195
349.0	4	5	1	5	355.6	-	-	-	-	362.2	-	3	3	3
349.1	1	2	1	2	355.7	-	2	2	2	362.3	-	12	12	12
349.2	2	3	1	3	355.8	-	7	7	7	362.4	-	-	-	-
349.8	181	467	286	467	355.9	71	379	314	664	362.5	-	119	119	119
349.9	79	188	109	268	356.0	1	3	2	3	362.6	-	8	8	8
350.1	6	94	88	94	356.1	20	87	67	87	362.7	-	27	27	27
350.2	-	-	-	-	356.2	2	4	2	4	362.8	-	4	4	5
350.8	-	1	1	1	356.3	2	2	-	2	362.9	-	4	4	4
350.9	-	1	1	1	356.4	5	8	3	8	363.0	-	-	-	-
351.0	1	49	48	49	356.8	340	467	127	467	363.1	-	-	-	-
351.1	-	-	-	-	356.9	121	518	398	847	363.2	5	180	175	186
351.8	-	7	7	7	357.0	185	368	183	369	363.3	-	-	-	-
351.9	-	3	3	3	357.5	4	15	11	15	363.4	-	1	1	1
352.0	-	-	-	-	357.6	-	1	1	1	363.5	-	-	-	-
352.1	-	1	1	1	357.7	1	2	1	2	363.6	-	-	-	-
352.2	1	3	2	4	357.8	2	8	6	8	363.7	-	-	-	-
352.3	3	3	-	4	357.9	4	41	37	57	363.8	-	1	1	1
352.4	-	-	-	1	358.0	280	725	445	725	363.9	-	-	-	-

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  
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364.0	-	-	-	-	369.0	3	1246	1243	1246	374.2	-	-	-	-
364.1	-	1	1	1	369.1	-	-	-	-	374.3	1	2	1	2
364.2	-	-	-	-	369.2	-	-	-	-	374.4	-	-	-	-
364.3	-	-	-	-	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	1	1	1	369.6	-	12	12	12	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	-	-	-
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	4	4	4	369.9	-	46	46	46	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	6	6	6	375.2	-	-	-	-
364.9	-	1	1	1	370.2	-	-	-	-	375.3	-	1	1	1
365.0	-	1	1	1	370.3	-	-	-	-	375.4	-	1	1	1
365.1	-	3	3	3	370.4	-	-	-	-	375.5	-	-	-	-
365.2	-	4	4	4	370.5	1	2	1	2	375.6	-	-	-	-
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	-	-	-	370.9	-	3	3	3	376.0	4	23	19	23
365.6	-	-	-	-	371.0	-	2	2	2	376.1	1	3	2	3
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	7	7	7
365.9	3	959	956	964	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	1	1	1	371.3	-	-	-	-	376.5	-	3	3	3
366.1	-	4	4	4	371.4	-	2	2	2	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	-	-	-	376.8	-	-	-	-
366.3	-	-	-	-	371.6	-	-	-	-	376.9	-	1	1	1
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	2	2	2
366.5	-	1	1	1	371.8	-	-	-	-	377.1	-	5	5	5
366.8	-	-	-	-	371.9	-	1	1	1	377.2	-	-	-	-
366.9	2	161	159	197	372.0	-	8	8	8	377.3	1	6	5	6
367.0	-	-	-	-	372.1	-	1	1	1	377.4	-	-	-	-
367.1	-	1	1	1	372.2	-	-	-	-	377.5	-	-	-	-
367.2	-	-	-	-	372.3	-	17	17	17	377.6	-	-	-	-
367.3	-	-	-	-	372.4	2	3	1	3	377.7	-	-	-	-
367.4	-	1	1	1	372.5	-	3	3	3	377.9	-	-	-	-
367.5	-	1	1	1	372.6	-	-	-	-	378.0	-	-	-	-
367.8	-	-	-	-	372.7	-	1	1	1	378.1	-	-	-	-
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	2	2	2	372.9	-	1	1	1	378.3	-	-	-	-
368.1	-	2	2	2	373.0	-	4	4	4	378.4	-	-	-	-
368.2	-	-	-	-	373.1	-	-	-	-	378.5	1	2	1	2
368.3	-	-	-	-	373.2	-	1	1	1	378.6	-	-	-	-
368.4	-	10	10	10	373.3	-	-	-	-	378.7	-	-	-	-
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	5	5	5
368.6	-	-	-	-	373.9	-	-	-	-	378.9	-	2	2	3
368.8	-	-	-	-	374.0	-	1	1	1	379.0	-	2	2	2
368.9	-	1	1	1	374.1	-	-	-	-	379.1	-	-	-	-

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, 1992

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
379.2	-	1	1	1	385.3	1	4	3	4	394.9	1587	3243	1656	3350
379.3	-	-	-	-	385.8	-	-	-	-	395.0	110	125	15	235
379.4	-	8	8	8	385.9	-	1	1	1	395.1	26	43	17	92
379.5	-	1	1	1	386.0	-	24	24	24	395.2	8	9	1	-
379.8	-	6	6	6	386.1	-	3	3	3	395.9	43	69	26	101
379.9	-	11	11	11	386.2	-	1	1	1	396	977	1766	789	1621
380.0	-	-	-	-	386.3	-	9	9	9	397.0	170	703	533	703
380.1	1	20	19	20	386.4	-	-	-	-	397.1	-	4	4	4
380.2	-	-	-	-	386.5	-	2	2	2	397.9	300	430	130	556
380.3	-	-	-	-	386.8	-	-	-	-	398.0	3	4	1	8
380.4	-	1	1	1	386.9	-	1	1	1	398.9	1296	2165	869	3264
380.5	-	-	-	-	387.0	-	-	-	-	401.0	32	495	463	603
380.8	-	-	-	-	387.1	-	-	-	-	401.1	3	137	134	158
380.9	-	2	2	2	387.2	-	-	-	-	401.9	5197	109282	104098	131607
381.0	-	1	1	1	387.8	-	-	-	-	402.0	23	21	7	1
381.1	-	-	-	-	387.9	-	2	2	2	402.1	10	17	7	1
381.2	-	-	-	-	388.0	-	12	12	12	402.9	21820	38867	17318	33877
381.3	-	-	-	-	388.1	-	-	-	-	403.0	40	74	35	2
381.4	-	-	-	-	388.2	-	-	-	-	403.1	5	17	12	16
381.5	-	-	-	-	388.3	-	-	-	-	403.9	4988	15085	10202	4648
381.6	-	-	-	-	388.4	-	-	-	-	404.0	11	14	5	3
381.7	-	-	-	-	388.5	-	-	-	-	404.1	2	4	3	1
381.8	-	-	-	-	388.6	-	1	1	1	404.9	2479	3461	1404	312
381.9	-	-	-	-	388.7	-	-	-	-	410	229383	261737	32358	261738
382.0	-	3	3	3	388.8	-	1	1	1	411	3179	6886	3708	6886
382.1	-	-	-	-	388.9	1	5	4	5	412	720	5005	4285	5005
382.2	-	-	-	-	389.0	-	-	-	-	413	1003	5492	4489	5492
382.3	-	-	-	-	389.1	-	16	16	16	414.0	148799	252413	103616	252413
382.4	-	2	2	2	389.2	-	1	1	1	414.1	270	839	569	839
382.9	43	108	65	108	389.7	1	33	32	33	414.8	15052	24243	9193	24243
383.0	2	3	1	3	389.8	-	-	-	-	414.9	81645	162526	80886	174432
383.1	-	5	5	5	389.9	-	448	448	449	415.0	9	117	108	117
383.2	-	-	-	-	390	16	59	43	71	415.1	9237	25623	16386	25623
383.3	...	-	-	-	391.0	13	56	43	63	416.0	1529	4474	2945	4474
383.8	-	-	-	-	391.1	20	23	3	42	416.1	116	264	148	26
383.9	11	38	27	38	391.2	2	2	-	3	416.8	5	7	2	7
384.0	-	-	-	-	391.8	31	40	9	18	416.9	981	8254	7273	8641
384.1	1	1	-	1	391.9	18	26	8	46	417.0	4	4	-	4
384.2	-	1	1	1	392.0	-	-	-	-	417.1	12	20	8	20
384.8	-	-	-	-	392.9	-	-	-	-	417.8	24	61	37	61
384.9	-	-	-	-	393	1	3	2	3	417.9	15	37	22	43
385.0	-	-	-	-	394.0	830	1386	556	1516	420.9	56	174	118	176
385.1	-	-	-	-	394.1	181	226	45	418	421.0	874	2049	1175	2087
385.2	-	-	-	-	394.2	70	86	21	-	421.9	12	28	16	32



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, 1992

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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422.9	294	394	100	397	429.4	...	6	6	6	442.1	29	43	14	43
423.0	30	704	674	704	429.5	21	52	32	52	442.2	157	266	109	266
423.1	5	52	47	52	429.6	6	126	120	126	442.3	46	126	80	126
423.2	51	157	106	159	429.8	200	835	635	843	442.8	98	224	126	233
423.8	13	44	31	44	429.9	3183	10545	7397	20376	442.9	342	509	167	753
423.9	362	3326	2964	3580	430	6903	7895	998	7253	443.0	15	104	89	104
424.0	2171	5401	3231	5395	431	18126	25009	6903	25628	443.1	17	61	44	61
424.1	8935	19342	10407	19343	432.0	5	12	7	13	443.8	28	76	48	76
424.2	7	57	50	57	432.1	435	1235	801	1251	443.9	4748	17123	12887	23807
424.3	9	42	33	42	432.9	2552	3853	1306	4150	444.0	100	208	108	208
424.9	3237	6625	3388	7157	433.0	294	367	73	393	444.1	308	603	295	603
425.0	3	5	2	5	433.1	929	1962	1033	1970	444.2	462	1969	1507	1969
425.1	303	511	208	511	433.2	27	44	17	70	444.8	91	385	294	385
425.2	1	1	-	1	433.3	58	81	23	52	444.9	381	1305	925	1764
425.3	100	132	32	132	433.8	8	22	14	22	446.0	116	196	80	196
425.4	22773	30429	7662	30443	433.9	4	17	13	17	446.1	6	7	1	7
425.5	878	1015	225	736	434.0	6269	9032	2763	9032	446.2	137	228	91	228
425.9	515	12534	12029	14106	434.1	630	2112	1482	2112	446.3	1	3	2	3
426.0	323	2855	2532	2855	434.9	9314	16740	7426	17349	446.4	264	411	147	411
426.1	26	326	300	326	435	320	2252	1932	2252	446.5	118	582	464	582
426.2	-	3	3	3	436	81367	149519	68157	155551	446.6	302	365	63	365
426.3	12	328	316	328	437.0	3528	17549	14031	17136	446.7	13	22	9	22
426.4	4	164	160	164	437.1	635	2019	1384	2059	447.0	21	39	18	39
426.5	8	126	118	126	437.2	56	107	53	94	447.1	145	398	253	398
426.6	2	85	83	85	437.3	405	657	253	2128	447.2	203	451	248	451
426.7	37	110	73	110	437.4	70	114	44	114	447.3	-	-	-	-
426.8	294	3524	3230	3525	437.5	21	29	8	29	447.4	-	2	2	2
426.9	165	1357	1192	1357	437.6	-	1	1	1	447.5	2	8	6	8
427.0	19	240	221	240	437.8	44	379	336	209	447.6	586	1431	845	1520
427.1	523	7545	7022	7545	437.9	4438	13408	8974	20191	447.8	30	58	28	58
427.2	2	37	35	37	438	7331	19035	11704	19035	447.9	312	515	204	778
427.3	4056	38011	33955	38011	440.0	54	359	306	613	448.0	25	69	44	69
427.4	1461	21279	19818	21279	440.1	48	272	224	297	448.1	-	-	-	-
427.5	28111	373013	344903	373013	440.2	821	3472	2651	2371	448.9	14	38	24	40
427.6	43	822	779	822	440.8	3	41	38	43	451.0	2	7	5	7
427.8	622	5730	5108	5730	440.9	15905	78159	62265	86730	451.1	617	1616	999	1617
427.9	5135	50850	45722	66813	441.0	3136	3513	377	3513	451.2	378	901	524	902
428.0	36387	245236	208855	249423	441.1	1231	1292	61	1357	451.8	28	65	37	65
428.1	132	725	593	1823	441.2	694	1399	705	1569	451.9	286	1229	944	1248
428.9	3578	27998	24421	30612	441.3	6650	7141	491	7132	452	48	144	96	144
429.0	501	1443	946	1380	441.4	1825	5379	3554	5869	453.0	34	116	82	116
429.1	306	727	422	740	441.5	2034	2165	131	2373	453.1	7	52	45	52
429.2	68956	108415	39465	110417	441.6	650	1811	1161	2087	453.2	45	187	142	187
429.3	934	6651	5717	6838	442.0	-	2	2	2	453.3	13	53	40	53

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			
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453.8	120	418	298	418	463	11	18	7	18	478.8	1	1	-	1
453.9	129	1873	1744	2731	464.0	7	26	19	29	478.9	11	19	8	20
454.0	48	190	142	196	464.1	19	45	26	61	480.0	6	15	9	15
454.1	12	67	55	79	464.2	10	14	4	11	480.1	49	83	34	83
454.2	6	24	18	5	464.3	73	86	13	86	480.2	1	2	1	2
454.9	92	294	202	305	464.4	4	6	2	6	480.8	2	8	6	8
455.0	1	4	3	6	465.0	1	3	2	3	480.9	465	719	254	741
455.1	-	-	-	-	465.8	-	-	-	-	481	2359	4483	2124	4453
455.2	1	3	2	1	465.9	138	590	453	660	482.0	240	585	346	589
455.3	-	3	3	3	466.0	489	1909	1423	2124	482.1	416	1430	1014	1441
455.4	-	-	-	-	466.1	88	223	135	223	482.2	67	173	106	174
455.5	-	1	1	1	470	-	2	2	2	482.3	321	583	262	587
455.6	6	41	35	48	471.0	-	-	-	-	482.4	804	1862	1058	1880
455.7	-	-	-	-	471.1	-	-	-	-	482.8	201	466	265	469
455.8	4	19	15	14	471.8	-	1	1	1	482.9	1237	2622	1391	2592
455.9	1	1	-	1	471.9	1	7	6	7	483	171	221	50	223
456.0	252	3093	2841	1434	472.0	1	10	9	10	485	5146	15072	9926	15151
456.1	41	808	769	2506	472.1	1	1	-	1	486	63228	166832	103615	172733
456.3	-	-	-	-	472.2	-	-	-	-	487.0	444	539	96	79
456.4	-	-	-	-	473.0	6	18	12	18	487.1	527	820	328	1322
456.5	-	-	-	-	473.1	3	6	3	6	487.8	35	50	16	6
456.6	-	-	-	-	473.2	1	2	1	2	490	609	2132	1523	3500
456.8	28	351	323	351	473.3	6	12	6	12	491.0	113	22	20	43
457.0	-	-	-	-	473.8	5	23	18	23	491.1	43	70	35	124
457.1	24	196	172	196	473.9	68	272	204	274	491.2	2194	3657	1463	364
457.2	9	38	29	38	474.0	2	5	3	6	491.8	116	210	101	234
457.8	13	62	49	62	474.1	2	9	7	9	491.9	589	2033	1446	3922
457.9	1	2	1	2	474.2	-	-	-	-	492	16363	32987	16627	34381
458.0	14	128	117	142	474.8	-	9	9	9	493.0	122	154	33	145
458.1	-	2	2	2	474.9	8	24	16	27	493.1	10	30	20	30
458.9	854	8252	7398	8252	475	22	25	3	25	493.9	4832	10579	5772	10720
459.0	399	4220	3821	4659	476.0	-	-	-	-	494	936	1832	896	1846
459.1	1	6	5	6	476.1	-	-	-	-	495.0	6	9	3	9
459.2	32	899	867	899	477.0	-	-	-	-	495.1	-	-	-	-
459.8	23	95	72	95	477.8	-	-	-	-	495.2	-	1	1	1
459.9	431	894	466	5498	477.9	2	23	21	33	495.3	-	-	-	-
460	6	12	6	14	478.0	-	-	-	-	495.4	-	-	-	-
461.0	-	2	2	2	478.1	1	10	9	10	495.5	-	-	-	-
461.1	-	1	1	1	478.2	83	230	147	230	495.6	-	-	-	-
461.2	-	1	1	1	478.3	35	176	141	176	495.7	-	-	-	-
461.3	-	1	1	1	478.4	3	6	3	6	495.8	-	-	-	-
461.8	-	1	1	1	478.5	3	11	8	11	495.9	8	8	-	8
461.9	1	9	8	9	478.6	14	58	44	58	496	65997	157900	91919	166222
462	13	38	25	38	478.7	46	176	130	181	500	631	1766	1135	1766

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, 1992

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	285	960	675	960	519.3	32	121	89	121	524.1	-	-	-	-
502	117	255	138	255	519.4	21	76	55	76	524.2	-	-	-	-
503	11	18	7	18	519.8	501	1734	1233	2001	524.3	-	-	-	-
504	7	15	8	15	519.9	123	454	332	691	524.4	-	-	-	-
505	85	231	146	258	520.0	-	4	4	4	524.5	-	-	-	-
506.0	8	11	3	11	520.1	-	-	-	-	524.6	-	1	1	1
506.1	1	2	1	2	520.2	1	2	1	2	524.8	-	1	1	1
506.2	-	-	-	-	520.3	-	-	-	-	524.9	-	4	4	4
506.3	-	-	-	-	520.4	-	-	-	-	525.0	-	-	-	-
506.4	2	2	-	2	520.5	-	-	-	-	525.1	-	1	1	1
506.9	1	3	2	3	520.6	-	1	1	1	525.2	-	-	-	-
507.0	8189	37093	28905	37117	520.7	-	1	1	1	525.3	-	-	-	-
507.1	6	10	4	10	520.8	-	-	-	-	525.8	11	39	28	39
507.8	1	2	1	2	520.9	1	1	-	1	525.9	1	12	11	13
508.0	28	335	307	335	521.0	4	19	15	19	526.0	-	-	-	-
508.1	6	92	86	92	521.1	-	-	-	-	526.1	1	2	1	2
508.8	-	34	34	34	521.2	-	-	-	-	526.2	-	-	-	-
508.9	-	1	1	1	521.3	-	-	-	-	526.3	-	-	-	-
510.0	58	358	300	369	521.4	-	-	-	-	526.4	4	13	9	13
510.9	291	1257	966	1300	521.5	-	1	1	1	526.5	-	-	-	-
511.0	39	275	236	310	521.6	-	-	-	-	526.8	-	2	2	2
511.1	-	1	1	1	521.7	-	-	-	-	526.9	-	4	4	5
511.8	50	481	431	481	521.8	-	-	-	-	527.0	-	-	-	-
511.9	717	10733	10016	10743	521.9	-	-	-	-	527.1	-	-	-	-
512	341	3063	2722	3073	522.0	-	-	-	-	527.2	25	94	69	94
513.0	378	1226	848	1230	522.1	-	-	-	-	527.3	3	18	15	18
513.1	8	31	23	31	522.2	-	-	-	-	527.4	-	-	-	-
514	718	17243	16525	17251	522.3	-	-	-	-	527.5	-	1	1	1
515	6006	10981	4975	11188	522.4	2	7	5	7	527.6	-	1	1	1
516.0	10	16	6	16	522.5	5	27	22	27	527.7	-	-	-	-
516.2	-	-	-	-	522.6	-	-	-	-	527.8	1	1	-	1
516.3	141	201	60	201	522.7	-	-	-	-	527.9	1	2	1	2
516.8	808	1100	292	1107	522.8	-	1	1	1	528.0	9	39	30	39
516.9	1	3	2	3	522.9	-	-	-	-	528.1	-	3	3	3
518.0	176	1682	1506	1685	523.0	-	1	1	1	528.2	-	2	2	2
518.1	21	48	27	48	523.1	2	10	8	10	528.3	3	16	13	16
518.2	-	-	-	-	523.2	-	-	-	-	528.4	-	1	1	1
518.3	239	617	378	617	523.3	3	4	1	4	528.5	-	1	1	1
518.4	193	4864	4671	4995	523.4	1	7	6	7	528.6	-	1	1	1
518.5	1594	13065	11471	13057	523.5	-	1	1	1	528.7	-	-	-	-
518.8	3342	11971	8637	15019	523.6	-	-	-	-	528.8	-	-	-	-
519.0	16	28	12	28	523.8	1	5	4	5	528.9	15	45	30	45
519.1	222	1418	1196	1538	523.9	1	4	3	4	529.0	-	8	8	8
519.2	46	219	173	219	524.0	2	12	10	12	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  
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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
529.2	-	-	-	-	534.0	-	1	1	-	551.9	43	51	12	2
529.3	-	-	-	-	534.1	-	-	-	-	552.0	40	63	23	61
529.4	-	-	-	-	534.2	-	-	-	-	552.1	43	83	42	77
529.5	-	-	-	-	534.3	-	1	1	2	552.2	167	247	80	178
529.6	-	-	-	-	534.4	33	64	31	8	552.3	78	146	69	69
529.8	1	13	12	13	534.5	10	20	10	16	552.8	15	27	12	19
529.9	-	6	6	6	534.6	-	-	-	-	552.9	144	262	118	274
530.0	82	211	129	211	534.7	-	-	-	-	553.0	4	15	11	29
530.1	594	2427	1833	2427	534.9	6	22	16	83	553.1	21	135	114	162
530.2	121	392	271	392	535.0	60	163	103	175	553.2	77	303	227	411
530.3	295	1269	974	1307	535.1	33	223	190	223	553.3	316	1589	1273	1684
530.4	179	369	190	369	535.2	1	5	4	5	553.8	7	25	18	44
530.5	243	478	235	478	535.3	63	56	26	47	553.9	78	214	136	273
530.6	59	118	59	118	535.4	194	578	387	586	555.0	7	23	16	26
530.7	82	168	86	168	535.5	277	1592	1315	1604	555.1	13	39	26	42
530.8	216	1238	1022	1406	535.6	13	99	86	99	555.2	1	3	2	-
530.9	48	112	64	117	536.0	-	-	-	-	555.9	340	1002	662	1005
531.0	20	38	18	10	536.1	4	18	14	18	556	409	1227	818	1227
531.1	5	6	1	7	536.2	4	12	8	12	557.0	4342	7608	3266	8181
531.2	1	1	-	-	536.8	57	283	226	313	557.1	410	690	280	690
531.3	4	17	13	45	536.9	71	331	260	331	557.9	2595	5338	2743	5919
531.4	931	1766	835	452	537.0	79	591	512	591	558	1186	4179	2995	4322
531.5	660	1165	505	1230	537.1	1	5	4	5	560.0	26	43	17	43
531.6	57	85	28	8	537.2	-	-	-	-	560.1	359	1692	1333	1719
531.7	6	30	24	51	537.3	14	92	78	92	560.2	619	997	378	1036
531.9	171	1170	999	2566	537.4	41	169	128	169	560.3	181	453	274	444
532.0	18	42	25	17	537.5	-	4	4	4	560.8	396	685	291	113
532.1	6	12	6	13	537.6	-	-	-	-	560.9	3173	11755	8583	12991
532.2	-	-	-	-	537.8	73	381	308	539	562.0	20	33	13	33
532.3	5	15	10	43	537.9	97	297	200	315	562.1	3170	6396	3226	6397
532.4	846	1598	752	632	540.0	305	626	321	603	564.0	57	298	241	298
532.5	887	1519	632	1647	540.1	19	50	31	49	564.1	58	223	165	223
532.6	99	144	46	11	540.9	26	69	43	100	564.2	-	14	14	14
532.7	8	34	26	67	541	56	98	42	121	564.3	...	1	1	1
532.9	132	863	733	1921	542	4	4	-	4	564.4	-	-	-	-
533.0	10	20	12	6	543	3	10	7	11	564.5	-	-	-	-
533.1	-	-	-	-	550.0	24	27	6	2	564.6	-	-	-	-
533.2	1	1	-	1	550.1	139	234	95	230	564.7	89	234	145	234
533.3	2	12	10	29	550.9	45	249	205	286	564.8	33	95	62	95
533.4	1334	2478	1145	535	551.0	9	13	4	1	564.9	8	26	18	26
533.5	502	882	381	949	551.1	14	19	5	4	565.0	1	7	6	7
533.6	35	65	30	7	551.2	33	33	1	1	565.1	9	72	63	72
533.7	8	79	71	110	551.3	11	15	4	3	566	107	259	152	259
533.9	380	4161	3784	6308	551.8	11	11	-	-	567.1	-	3	3	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, 1992

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	440	2351	1911	2390	575.2	7	20	13	26	582.8	21	60	39	33
567.8	23	122	99	125	575.3	3	11	8	11	582.9	1011	3967	2971	4936
567.9	896	5563	4667	5837	575.4	59	140	81	140	583.0	5	10	5	10
568.0	140	365	228	956	575.5	4	16	12	27	583.1	39	61	27	70
568.8	80	371	291	371	575.6	-	4	4	4	583.2	10	17	8	19
568.9	12	30	18	30	575.8	34	126	92	126	583.4	13	23	10	23
569.0	1	24	23	24	575.9	284	757	473	782	583.6	4	9	5	10
569.1	22	81	59	81	576.0	...	2	2	2	583.7	3	22	19	-
569.2	4	25	21	25	576.1	493	1295	802	1295	583.8	76	158	85	152
569.3	107	635	528	642	576.2	263	1228	965	1329	583.9	264	747	485	1073
569.4	48	225	177	225	576.3	4	8	4	8	584.5	205	931	732	957
569.5	28	303	275	303	576.4	6	47	41	47	584.6	-	5	5	4
569.6	...	16	16	16	576.5	1	6	5	6	584.7	3	7	4	1
569.8	1398	4862	3464	4897	576.8	151	1278	1128	1337	584.8	-	4	4	4
569.9	454	1188	742	1667	576.9	34	76	42	93	584.9	3029	22530	19501	22706
570	351	1547	1196	1556	577.0	2317	5661	3344	5700	585	5259	24334	19078	30272
571.0	560	840	280	22	577.1	222	912	690	912	586	11816	72922	61109	83840
571.1	907	904	196	1076	577.2	69	236	167	236	587	52	132	80	189
571.2	7971	10087	2118	4780	577.8	43	336	293	336	588.0	12	33	21	33
571.3	2430	2889	792	3201	577.9	97	199	102	229	588.1	4	15	11	15
571.4	729	1458	729	1459	578.0	22	203	182	229	588.8	26	127	101	127
571.5	11506	20597	9092	26100	578.1	4	50	46	53	588.9	-	-	-	-
571.6	434	634	200	636	578.9	5933	30502	24582	36293	589.0	-	-	-	-
571.8	482	1624	1143	2442	579.0	11	47	36	47	589.1	-	-	-	-
571.9	244	600	356	690	579.1	15	65	50	65	589.9	1	2	1	2
572.0	109	359	251	360	579.2	...	407	407	407	590.0	174	472	298	500
572.1	1	2	1	2	579.3	...	26	26	26	590.1	177	353	176	360
572.2	379	5870	5491	6053	579.4	-	2	2	2	590.2	65	179	114	193
572.3	144	1250	1106	1250	579.8	7	26	19	26	590.3	-	2	2	2
572.4	515	5354	4839	5354	579.9	94	365	273	372	590.8	634	1408	780	1492
572.8	2516	25470	22954	25470	580.0	1	1	-	1	590.9	33	95	62	105
573.0	24	244	220	244	580.4	-	-	-	-	591	93	678	586	678
573.3	582	1657	1079	1734	580.8	-	9	9	4	592.0	231	663	432	663
573.4	33	87	54	87	580.9	94	517	423	522	592.1	18	57	39	57
573.8	146	1310	1164	1311	581.0	-	1	1	1	592.9	26	86	60	89
573.9	962	2256	1300	3526	581.1	1	11	10	3	593.0	1	3	2	3
574.0	142	224	82	16	581.2	1	3	2	1	593.1	-	4	4	4
574.1	231	523	292	26	581.3	4	8	4	3	593.2	1	13	12	14
574.2	630	2177	1549	2879	581.8	1	2	1	-	593.3	7	26	19	26
574.3	19	34	15	2	581.9	202	611	412	831	593.4	65	656	591	656
574.4	32	66	34	3	582.0	-	-	-	-	593.5	1	15	14	15
574.5	202	376	174	469	582.1	3	3	-	3	593.6	-	1	1	1
575.0	650	1325	675	1555	582.2	1	4	3	4	593.7	2	8	6	8
575.1	618	1577	959	2129	582.4	1	1	-	1	593.8	178	871	693	872

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  
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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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593.9	3641	19350	15734	27351	601.8	-	3	3	3	611.9	26	217	191	225
594.0	-	-	-	-	601.9	19	88	69	90	614.0	1	3	2	3
594.1	15	52	37	52	602.0	1	6	5	6	614.1	-	1	1	1
594.2	2	5	3	5	602.1	4	34	30	34	614.2	17	34	17	35
594.8	-	1	1	1	602.2	-	-	-	-	614.3	-	-	-	-
594.9	1	6	5	6	602.8	-	3	3	3	614.4	57	197	140	197
595.0	18	49	31	49	602.9	93	251	158	258	614.5	1	6	5	6
595.1	-	3	3	3	603.0	-	-	-	-	614.6	4	10	6	10
595.2	29	138	109	138	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	-	-	-	603.8	-	1	1	1	614.8	-	-	-	-
595.8	13	57	44	57	603.9	-	13	13	13	614.9	15	30	15	32
595.9	95	488	393	490	604.0	2	3	1	3	615.0	-	-	-	-
596.0	44	207	163	207	604.9	5	24	19	24	615.1	-	-	-	-
596.1	60	313	253	313	605	-	3	3	3	615.9	9	29	20	29
596.2	10	69	59	69	606	-	-	-	-	616.0	1	5	4	5
596.3	3	5	2	5	607.0	-	2	2	2	616.1	7	20	13	20
596.4	22	71	49	71	607.1	1	3	2	3	616.2	-	-	-	-
596.5	4	22	18	22	607.2	9	24	15	24	616.3	-	1	1	1
596.6	12	43	31	43	607.3	-	1	1	1	616.4	1	6	5	6
596.7	-	1	1	1	607.8	-	5	5	5	616.5	-	2	2	2
596.8	9	120	111	120	607.9	2	4	2	4	616.8	-	-	-	-
596.9	7	39	32	41	608.0	-	-	-	-	616.9	-	-	-	-
597.0	1	6	5	6	608.1	-	-	-	-	617.0	-	2	2	2
597.8	3	6	3	6	608.2	-	-	-	-	617.1	-	-	-	-
598.0	-	-	-	-	608.3	-	1	1	1	617.2	-	-	-	-
598.1	-	-	-	-	608.4	31	61	30	61	617.3	-	1	1	1
598.2	-	1	1	1	608.8	36	71	35	71	617.4	-	-	-	-
598.8	-	-	-	-	608.9	2	11	9	14	617.5	-	-	-	-
598.9	33	108	75	108	610.0	-	-	-	-	617.6	-	-	-	-
599.0	11316	31773	20457	32058	610.1	-	8	8	8	617.8	1	1	-	1
599.1	5	47	43	47	610.2	-	-	-	-	617.9	4	7	3	8
599.2	-	-	-	-	610.3	-	1	1	1	618.0	3	16	13	21
599.3	-	2	2	2	610.4	-	-	-	-	618.1	8	27	19	32
599.4	-	-	-	-	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	1	1	1	610.9	-	-	-	-	618.3	1	1	-	1
599.6	247	1374	1127	1374	611.0	7	19	12	19	618.4	4	5	1	-
599.7	39	456	417	456	611.1	-	3	3	3	618.5	-	-	-	-
599.8	8	37	29	37	611.2	-	-	-	-	618.6	-	-	-	-
599.9	23	92	69	113	611.3	-	1	1	1	618.7	-	-	-	-
600	397	1903	1506	1904	611.4	-	-	-	-	618.8	1	3	2	3
601.0	7	15	8	15	611.5	-	-	-	-	618.9	-	1	1	1
601.1	6	26	20	26	611.6	-	-	-	-	619.0	5	45	40	45
601.2	3	8	5	8	611.7	1	14	13	14	619.1	43	210	167	210
601.3	-	3	3	3	611.8	-	5	5	5	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, 1992

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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
619.8	-	1	1	1	624.2	-	-	-	-	631	1	1	-	1
619.9	6	33	27	35	624.3	-	-	-	-	632	-	-	-	-
620.0	-	1	1	1	624.4	-	-	-	-	633.0	-	-	-	-
620.1	1	14	13	14	624.5	-	-	-	-	633.1	9	10	1	10
620.2	11	35	24	35	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	-	-	-	624.8	-	2	2	2	633.8	1	1	-	2
620.4	-	-	-	-	624.9	-	1	1	1	633.9	18	25	7	26
620.5	2	4	2	4	625.0	-	-	-	-	634.0	3	6	3	-
620.6	-	-	-	-	625.1	-	-	-	-	634.1	1	2	1	-
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	-
620.8	7	23	16	23	625.3	-	1	1	1	634.3	-	-	-	-
620.9	9	44	35	45	625.4	-	-	-	-	634.4	-	-	-	-
621.0	-	3	3	3	625.5	-	-	-	-	634.5	-	-	-	-
621.1	-	-	-	-	625.6	-	-	-	-	634.6	-	1	1	-
621.2	-	8	8	8	625.8	-	1	1	1	634.7	3	5	2	-
621.3	2	7	5	7	625.9	-	2	2	2	634.8	1	1	-	-
621.4	-	-	-	-	626.0	-	-	-	-	634.9	1	9	8	17
621.5	-	1	1	1	626.1	-	-	-	-	635.0	1	1	-	-
621.6	-	-	-	-	626.2	-	7	7	7	635.1	-	-	-	-
621.7	1	1	-	1	626.3	-	-	-	-	635.2	-	-	-	-
621.8	3	17	14	17	626.4	-	-	-	-	635.3	-	-	-	-
621.9	3	89	86	90	626.5	-	-	-	-	635.4	1	1	-	-
622.0	-	-	-	-	626.6	1	2	1	2	635.5	-	-	-	-
622.1	-	2	2	2	626.7	-	-	-	-	635.6	-	-	-	-
622.2	-	-	-	-	626.8	-	5	5	5	635.7	-	1	1	-
622.3	-	-	-	-	626.9	2	33	31	33	635.8	2	3	1	1
622.4	-	4	4	4	627.0	-	-	-	-	635.9	1	3	2	6
622.5	-	-	-	-	627.1	4	11	7	11	636.0	-	1	1	-
622.6	-	-	-	-	627.2	-	2	2	2	636.1	-	-	-	-
622.7	-	1	1	1	627.3	-	1	1	1	636.2	-	-	-	-
622.8	-	14	14	14	627.4	-	-	-	-	636.3	-	-	-	-
622.9	-	3	3	3	627.8	-	2	2	2	636.4	-	-	-	-
623.0	-	1	1	1	627.9	-	1	1	1	636.5	-	-	-	-
623.1	-	-	-	-	628.0	-	-	-	-	636.6	1	1	-	1
623.2	-	-	-	-	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	-	-	-	636.8	1	1	-	-
623.4	-	-	-	-	628.4	-	-	-	-	636.9	-	-	-	1
623.5	1	2	1	2	628.8	-	-	-	-	637.0	-	1	1	-
623.6	-	1	1	1	628.9	-	-	-	-	637.1	-	1	1	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	1	2	1	-
623.8	8	137	129	137	629.1	-	-	-	-	637.3	-	-	-	-
623.9	-	2	2	2	629.8	-	10	10	10	637.4	-	-	-	-
624.0	-	-	-	-	629.9	3	18	15	19	637.5	-	-	-	-
624.1	-	-	-	-	630	1	2	1	2	637.6	-	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, 1992

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637.7	1	1	-	-	646.8	-	-	-	-	673	37	70	33	71
637.8	-	-	-	-	646.9	2	5	3	6	674	32	59	27	61
637.9	4	3	-	7	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	-	-	-	-
638.2	-	-	-	-	647.3	-	-	-	-	680.1	-	-	-	-
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	1	1	1
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	2	2	2
638.5	-	-	-	-	647.6	-	-	-	-	680.4	-	-	-	-
638.6	-	-	-	-	647.8	2	2	-	2	680.5	-	-	-	-
638.7	-	-	-	-	647.9	-	-	-	-	680.6	-	-	-	-
638.8	-	-	-	-	648.0	1	4	3	4	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	-	1	1	1
639.0	...	-	-	10	648.2	-	1	1	1	680.9	-	3	3	3
639.1	...	-	-	13	648.3	-	-	-	-	681.0	2	6	4	6
639.2	...	-	-	2	648.4	-	-	-	-	681.1	3	12	9	12
639.3	...	-	-	1	648.5	1	1	-	1	681.9	-	-	-	-
639.4	...	-	-	1	648.6	11	11	-	11	682.0	14	62	48	62
639.5	...	-	-	5	648.7	-	-	-	-	682.1	8	56	48	56
639.6	...	-	-	2	648.8	-	-	-	-	682.2	50	258	208	258
639.8	...	1	1	14	648.9	2	6	4	6	682.3	41	155	114	155
639.9	...	-	-	4	650	-	-	-	-	682.4	10	33	23	33
640	-	1	1	1	651	-	2	2	2	682.5	7	52	45	52
641	24	50	28	52	652	-	-	-	-	682.6	197	932	735	932
642.0	1	1	-	2	653	-	-	-	-	682.7	36	220	184	220
642.1	-	-	-	-	654	1	5	4	5	682.8	19	90	71	90
642.2	2	2	-	2	655	-	1	1	1	682.9	240	1440	1201	1461
642.3	-	-	-	-	656	3	12	9	12	683	-	1	1	1
642.4	17	23	6	25	657	-	-	-	-	684	2	6	4	6
642.5	8	11	3	12	658	1	2	1	2	685.0	-	-	-	-
642.6	20	23	3	23	659	-	-	-	-	685.1	2	5	3	5
642.7	1	1	-	-	660	-	-	-	-	686.0	13	43	30	43
642.9	7	9	2	16	661	2	5	3	5	686.1	7	54	47	54
643	-	1	1	1	662	-	-	-	-	686.8	2	2	-	2
644	-	2	2	2	663	1	2	1	2	686.9	96	625	529	648
645	-	1	1	1	664	1	1	-	1	690	1	7	6	7
646.0	-	-	-	-	665	10	13	3	13	691.0	-	-	-	-
646.1	-	-	-	-	666	15	33	18	31	691.8	-	8	8	8
646.2	-	-	-	-	667	-	2	2	6	692.0	-	-	-	-
646.3	-	-	-	-	668	-	1	1	3	692.1	-	-	-	-
646.4	-	-	-	-	669	30	103	73	103	692.2	-	-	-	-
646.5	-	-	-	-	670	9	24	15	24	692.3	-	1	1	1
646.6	5	8	3	8	671	17	19	2	19	692.4	-	-	-	-
646.7	3	8	5	8	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, 1992

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
692.6	-	1	1	1	701.1	-	8	8	8	709.8	3	18	15	18
692.7	-	2	2	2	701.2	-	-	-	-	709.9	13	48	35	48
692.8	-	3	3	3	701.3	-	-	-	-	710.0	1148	2111	963	2111
692.9	20	170	150	185	701.4	-	-	-	-	710.1	928	1492	564	1492
693.0	1	7	6	7	701.5	-	-	-	-	710.2	42	193	151	193
693.1	4	11	7	11	701.8	1	7	6	7	710.3	70	174	104	174
693.8	-	-	-	-	701.9	-	3	3	3	710.4	205	471	266	471
693.9	-	-	-	-	702	-	2	2	2	710.8	6	9	3	9
694.0	-	6	6	6	703.0	-	-	-	-	710.9	133	272	140	295
694.1	-	-	-	-	703.8	-	1	1	1	711.0	102	227	125	228
694.2	-	-	-	-	703.9	-	-	-	-	711.9	8	18	10	18
694.3	-	-	-	-	704.0	-	6	6	6	712.8	-	-	-	-
694.4	41	176	135	176	704.1	-	1	1	1	712.9	-	-	-	-
694.5	72	334	262	334	704.2	-	-	-	-	714.0	1595	8818	7223	8818
694.6	-	6	6	6	704.3	-	-	-	-	714.1	31	137	106	137
694.8	-	2	2	2	704.8	-	2	2	2	714.2	2	5	3	5
694.9	-	1	1	1	704.9	-	1	1	1	714.3	9	26	17	26
695.0	1	1	-	1	705.0	1	1	-	1	714.4	-	1	1	1
695.1	102	241	139	241	705.1	-	-	-	-	714.8	89	244	155	244
695.2	1	5	4	5	705.8	1	4	3	4	714.9	6	32	26	32
695.3	-	4	4	4	705.9	-	1	1	1	715.0	10	240	230	240
695.4	98	415	317	415	706.0	-	-	-	-	715.1	1	2	1	2
695.8	17	56	39	56	706.1	-	3	3	3	715.2	-	-	-	-
695.9	7	131	124	132	706.2	-	7	7	7	715.3	58	245	187	245
696.0	3	65	62	65	706.3	-	4	4	4	715.8	1	18	17	18
696.1	25	292	267	292	706.8	-	-	-	-	715.9	479	11752	11273	11754
696.2	-	-	-	-	706.9	-	-	-	-	716.0	-	-	-	-
696.3	-	-	-	-	707.0	1760	9584	7829	11166	716.1	1	1	-	1
696.4	-	-	-	-	707.1	106	667	562	1005	716.2	-	-	-	-
696.5	-	-	-	-	707.8	28	151	123	170	716.3	-	-	-	-
696.8	-	-	-	-	707.9	65	515	450	627	716.4	-	-	-	-
697.0	1	8	7	8	708.0	-	-	-	-	716.5	6	55	49	56
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	-	-	-
697.8	-	-	-	-	708.2	-	-	-	-	716.8	-	4	4	4
697.9	-	-	-	-	708.3	-	1	1	1	716.9	192	3513	3321	3763
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	-	-	-
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	-	-	-	708.8	-	2	2	2	717.2	-	-	-	-
698.3	-	8	8	8	708.9	-	3	3	3	717.3	-	-	-	-
698.4	-	-	-	-	709.0	-	7	7	7	717.4	-	-	-	-
698.8	-	-	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	1	9	8	9	709.2	-	35	35	35	717.6	-	-	-	-
700	-	2	2	2	709.3	-	1	1	2	717.7	-	-	-	-
701.0	-	4	4	4	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, 1992

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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717.9	-	1	1	1	722.9	11	55	44	56	728.3	11	46	35	46
718.0	-	-	-	-	723.0	7	71	64	71	728.4	-	2	2	2
718.1	-	-	-	-	723.1	-	4	4	4	728.5	-	1	1	1
718.2	-	5	5	5	723.2	-	2	2	2	728.6	-	2	2	2
718.3	2	16	14	16	723.3	-	-	-	-	728.7	1	2	1	2
718.4	1	72	71	72	723.4	-	11	11	11	728.8	173	557	384	557
718.5	3	24	21	24	723.5	1	11	10	11	728.9	32	185	153	185
718.6	-	1	1	1	723.6	-	-	-	-	729.0	-	11	11	11
718.8	1	4	3	4	723.7	-	-	-	-	729.1	23	112	89	112
718.9	5	19	14	19	723.8	-	6	6	6	729.2	5	66	61	75
719.0	-	2	2	2	723.9	-	-	-	-	729.3	9	55	46	55
719.1	-	6	6	6	724.0	32	620	588	620	729.4	172	428	256	428
719.2	-	-	-	-	724.1	-	1	1	1	729.5	2	42	40	42
719.3	-	1	1	1	724.2	2	48	46	48	729.6	-	-	-	-
719.4	2	18	16	18	724.3	-	15	15	15	729.8	4	26	22	26
719.5	-	-	-	-	724.4	2	15	13	15	729.9	2	5	3	5
719.6	-	-	-	-	724.5	8	143	135	143	730.0	8	20	12	20
719.7	-	2	2	2	724.6	-	13	13	13	730.1	48	156	108	156
719.8	-	1	1	1	724.7	1	2	1	2	730.2	416	1362	946	1370
719.9	15	717	702	738	724.8	-	2	2	2	730.3	-	3	3	3
720.0	50	262	212	262	724.9	2	25	23	26	730.9	5	18	13	18
720.1	1	1	-	1	725	45	772	727	772	731.0	71	651	580	666
720.2	1	3	2	3	726.0	-	1	1	1	731.2	-	7	7	7
720.8	-	-	-	-	726.1	-	4	4	4	732.0	-	-	-	-
720.9	2	13	11	14	726.2	-	-	-	-	732.1	6	12	6	12
721.0	16	87	72	95	726.3	7	8	1	8	732.2	-	-	-	-
721.1	50	143	93	135	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	-	-	-	726.5	-	-	-	-	732.4	1	1	-	1
721.3	3	14	11	14	726.6	-	-	-	-	732.5	-	-	-	-
721.4	1	14	13	14	726.7	-	1	1	1	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	1	1	1	732.7	-	2	2	2
721.6	-	-	-	-	726.9	-	10	10	10	732.8	-	-	-	-
721.7	-	3	3	3	727.0	1	6	5	6	732.9	2	2	-	2
721.8	-	1	1	1	727.1	-	8	8	8	733.0	613	6757	6144	6757
721.9	18	290	272	292	727.2	-	-	-	-	733.1	88	2761	2673	2761
722.0	2	5	3	7	727.3	1	12	11	12	733.2	4	12	8	12
722.1	5	20	15	22	727.4	-	7	7	7	733.3	1	1	-	1
722.2	5	25	21	26	727.5	-	1	1	1	733.4	7	55	48	55
722.3	-	-	-	-	727.6	-	1	1	1	733.5	-	-	-	-
722.4	-	5	5	7	727.8	-	2	2	2	733.6	-	-	-	-
722.5	6	38	32	38	727.9	-	1	1	1	733.7	-	-	-	-
722.6	5	93	88	93	728.0	1	4	3	4	733.8	4	43	39	43
722.7	4	9	5	2	728.1	3	4	1	4	733.9	71	282	220	368
722.8	-	1	1	1	728.2	9	68	60	73	734	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 1

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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1992

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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735.0	-	1	1	1	740.0	435	458	23	458	746.4	54	92	38	92
735.1	-	-	-	-	740.1	-	-	-	-	746.5	9	13	4	13
735.2	-	-	-	-	740.2	3	3	-	3	746.6	5	11	6	11
735.3	-	-	-	-	741.0	80	127	47	66	746.7	598	659	61	659
735.4	-	1	1	1	741.9	82	173	92	254	746.8	423	662	239	664
735.5	-	-	-	-	742.0	70	99	29	99	746.9	1553	2092	540	2834
735.8	-	-	-	-	742.1	90	171	81	171	747.0	82	291	209	291
735.9	-	3	3	3	742.2	179	252	73	252	747.1	110	221	111	221
736.0	-	3	3	3	742.3	314	455	141	513	747.2	36	74	38	85
736.1	-	-	-	-	742.4	75	125	50	125	747.3	156	275	119	317
736.2	-	-	-	-	742.5	369	724	377	774	747.4	78	123	45	123
736.3	-	2	2	2	742.8	29	52	23	52	747.5	-	5	5	5
736.4	-	-	-	-	742.9	181	239	58	290	747.6	176	276	100	289
736.5	-	-	-	-	743.0	-	5	5	5	747.8	458	533	76	553
736.6	-	2	2	2	743.1	-	4	4	4	747.9	73	104	31	115
736.7	-	9	9	9	743.2	-	1	1	1	748.0	2	11	9	11
736.8	1	182	181	182	743.3	-	1	1	1	748.1	-	2	2	2
736.9	-	9	9	9	743.4	-	2	2	2	748.2	3	3	-	3
737.0	-	-	-	-	743.5	-	1	1	1	748.3	77	120	43	120
737.1	58	371	313	372	743.6	-	1	1	1	748.4	8	10	2	10
737.2	-	1	1	1	743.8	-	2	2	2	748.5	888	1561	673	1561
737.3	246	750	505	992	743.9	-	1	1	1	748.6	66	98	32	104
737.8	-	-	-	-	744.0	-	1	1	1	748.8	2	2	-	2
737.9	-	1	1	1	744.1	-	-	-	-	748.9	12	17	5	18
738.0	-	-	-	-	744.2	-	1	1	1	749.0	8	35	27	58
738.1	1	3	2	3	744.3	-	3	3	3	749.1	-	5	5	28
738.2	-	2	2	2	744.4	-	1	1	1	749.2	6	26	20	3
738.3	9	49	40	49	744.5	-	2	2	2	750.0	1	2	1	2
738.4	-	1	1	1	744.8	-	11	11	11	750.1	1	11	10	11
738.5	1	14	13	14	744.9	2	14	12	14	750.2	-	4	4	4
738.6	-	1	1	1	745.0	83	104	21	104	750.3	12	64	52	64
738.7	-	-	-	-	745.1	239	299	60	299	750.4	34	62	28	62
738.8	-	9	9	9	745.2	268	351	83	351	750.5	4	4	-	4
738.9	2	11	9	12	745.3	52	92	40	92	750.6	4	6	2	6
739.0	-	-	-	-	745.4	380	786	406	795	750.7	2	2	1	3
739.1	-	-	-	-	745.5	326	580	254	580	750.8	1	2	1	2
739.2	-	-	-	-	745.6	108	213	105	213	750.9	8	21	13	21
739.3	-	-	-	-	745.7	2	3	1	3	751.0	12	29	17	29
739.4	-	-	-	-	745.8	1	1	-	1	751.1	14	52	38	52
739.5	-	-	-	-	745.9	19	31	12	34	751.2	6	59	53	59
739.6	-	-	-	-	746.0	23	62	39	71	751.3	29	44	15	44
739.7	-	-	-	-	746.1	52	66	14	66	751.4	13	18	5	18
739.8	-	-	-	-	746.2	71	85	14	85	751.5	30	79	49	81
739.9	-	-	-	-	746.3	73	115	42	115	751.6	73	127	55	129

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 1

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751.7	3	10	7	10	756.3	15	26	11	26	760.8	35	71	36	71
751.8	-	3	3	3	756.4	14	41	27	41	760.9	2	3	1	3
751.9	10	21	11	21	756.5	78	142	64	143	761.0	270	301	31	301
752.0	-	1	1	1	756.6	336	446	110	446	761.1	559	817	258	817
752.1	-	1	1	1	756.7	52	96	45	97	761.2	27	228	201	228
752.2	-	-	-	-	756.8	13	36	23	36	761.3	34	55	21	55
752.3	-	4	4	4	756.9	7	22	15	25	761.4	2	4	2	4
752.4	-	6	6	6	757.0	-	3	3	3	761.5	516	1105	589	1105
752.5	-	8	8	8	757.1	7	12	5	12	761.6	6	7	1	7
752.6	1	6	5	6	757.2	-	-	-	-	761.7	3	7	4	7
752.7	-	4	4	4	757.3	43	113	70	113	761.8	45	63	18	63
752.8	1	4	3	4	757.4	-	2	2	2	761.9	-	-	-	-
752.9	1	15	14	15	757.5	-	-	-	-	762.0	30	39	9	39
753.0	391	526	135	526	757.6	-	1	1	1	762.1	443	554	111	562
753.1	373	911	538	911	757.8	-	-	-	-	762.2	25	32	7	32
753.2	11	35	24	35	757.9	-	-	-	-	762.3	49	92	43	92
753.3	15	51	36	51	758.0	386	1159	773	1162	762.4	37	70	33	70
753.4	-	5	5	5	758.1	300	329	29	329	762.5	29	38	10	40
753.5	2	6	4	6	758.2	435	492	57	492	762.6	13	20	7	21
753.6	2	19	17	19	758.3	16	24	8	24	762.7	370	575	205	575
753.7	-	1	1	1	758.4	-	-	-	-	762.8	-	2	2	2
753.8	2	8	6	8	758.5	53	64	11	64	762.9	-	2	2	2
753.9	34	105	71	128	758.6	11	56	45	56	763.0	18	32	14	32
754.0	1	3	2	3	758.7	4	17	13	17	763.1	6	12	6	13
754.1	-	-	-	-	758.8	9	12	3	12	763.2	-	1	1	1
754.2	1	12	11	12	758.9	117	160	43	184	763.3	1	2	1	2
754.3	-	6	6	6	759.0	15	69	54	69	763.4	1	8	7	8
754.4	-	-	-	-	759.1	3	11	8	11	763.5	1	1	-	1
754.5	-	2	2	2	759.2	3	10	7	10	763.6	8	17	9	17
754.6	-	-	-	-	759.3	12	29	17	29	763.7	4	8	4	8
754.7	-	7	7	7	759.4	29	36	7	36	763.8	17	55	38	55
754.8	7	14	7	14	759.5	31	53	22	53	763.9	11	25	14	26
755.0	-	12	12	12	759.6	12	30	18	30	764.0	6	32	26	32
755.1	-	-	-	-	759.7	385	482	97	973	764.1	-	-	-	-
755.2	1	9	8	9	759.8	322	554	232	554	764.2	1	1	-	1
755.3	-	4	4	4	759.9	95	171	76	294	764.9	37	122	85	122
755.4	-	1	1	1	760.0	31	54	23	54	765.0	2968	9577	6609	9600
755.5	3	16	13	16	760.1	5	15	10	15	765.1	1079	5790	4712	7571
755.6	-	28	28	28	760.2	25	42	17	42	766.0	-	-	-	-
755.8	13	50	37	50	760.3	5	12	7	12	766.1	-	2	2	2
755.9	2	11	9	11	760.4	-	1	1	1	766.2	-	12	12	12
756.0	43	83	40	89	760.5	23	36	13	38	767.0	191	498	307	499
756.1	38	105	67	105	760.6	-	-	-	-	767.1	-	-	-	-
756.2	-	-	-	-	760.7	69	147	78	148	767.2	-	-	-	-

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, 1992

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
767.3	1	3	2	3	773.2	11	52	41	81	778.5	2	13	11	13
767.4	1	2	1	2	773.3	1	2	1	-	778.6	-	-	-	-
767.5	-	-	-	-	773.4	1	1	-	-	778.7	-	-	-	-
767.6	-	-	-	-	773.5	-	-	-	-	778.8	-	-	-	-
767.7	-	-	-	-	774.1	-	-	-	-	778.9	-	1	1	1
767.8	14	41	27	42	774.2	-	11	11	2	779.0	8	106	98	108
767.9	11	21	10	25	774.3	-	-	-	-	779.1	-	1	1	1
768.2	-	-	-	-	774.4	7	16	9	16	779.2	4	25	21	25
768.3	1	2	1	2	774.5	-	-	-	-	779.3	-	1	1	1
768.4	182	372	190	410	774.6	4	15	11	24	779.4	-	4	4	4
768.5	46	106	60	122	774.7	-	2	2	3	779.5	6	10	4	10
768.6	-	-	-	-	775.0	9	33	24	33	779.6	51	58	7	58
768.9	414	1005	593	1227	775.1	1	3	2	3	779.8	1449	4845	3396	4845
769	2068	2548	480	2549	775.2	2	2	-	2	779.9	14	14	-	41
770.0	29	57	28	57	775.3	-	-	-	-	780.0	13	4324	4311	4963
770.1	132	255	123	256	775.4	-	2	2	2	780.1	-	12	12	12
770.2	244	890	646	890	775.5	3	21	18	21	780.2	15	1342	1327	1342
770.3	160	472	312	472	775.6	-	11	11	11	780.3	756	18790	18034	18792
770.4	323	433	110	433	775.7	4	15	11	15	780.4	-	101	101	101
770.5	61	86	25	86	775.8	-	1	1	1	780.5	-	23	23	23
770.6	-	-	-	-	775.9	-	-	-	-	780.6	43	1552	1509	1553
770.7	480	800	320	802	776.0	5	7	2	7	780.7	1	850	849	850
770.8	1081	3331	2250	3331	776.1	2	7	5	7	780.8	-	1	1	1
770.9	3	3	1	3	776.2	41	214	173	214	780.9	2	472	470	472
771.0	5	5	-	5	776.3	1	5	4	5	781.0	-	80	80	80
771.1	41	56	15	57	776.4	-	4	4	4	781.1	-	2	2	2
771.2	34	41	7	41	776.5	8	20	12	18	781.2	-	35	35	35
771.3	-	-	-	-	776.6	7	39	32	-	781.3	1	153	152	153
771.4	5	8	3	8	776.7	1	2	1	2	781.4	-	1	1	1
771.5	1	2	1	2	776.8	-	1	1	1	781.5	-	-	-	-
771.6	-	-	-	-	776.9	1	1	-	1	781.6	-	1	1	1
771.7	28	48	20	48	777.1	3	4	1	4	781.7	-	1	1	1
771.8	807	1748	941	1749	777.2	-	-	-	-	781.9	28	396	368	397
772.0	9	17	8	19	777.3	-	-	-	-	782.0	-	15	15	15
772.1	250	756	506	756	777.4	-	1	1	1	782.1	-	16	16	16
772.2	6	22	16	22	777.5	372	479	107	479	782.2	-	13	13	13
772.3	-	2	2	2	777.6	31	85	54	85	782.3	9	1678	1669	1766
772.4	2	18	16	18	777.8	-	5	5	5	782.4	4	983	979	983
772.5	4	13	9	13	777.9	-	-	-	-	782.5	-	40	40	40
772.6	1	4	3	4	778.0	177	321	144	323	782.6	-	5	5	5
772.8	15	46	31	46	778.1	1	3	2	3	782.7	2	27	25	27
772.9	28	58	30	65	778.2	-	-	-	-	782.8	-	-	-	-
773.0	8	16	8	16	778.3	6	28	22	28	782.9	-	1	1	1
773.1	-	-	-	-	778.4	-	2	2	2	783.0	16	1925	1909	1925

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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, 1992

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	-	1	1	1	788.0	-	9	9	9	793.2	-	8	8	8
783.2	3	620	617	620	788.1	-	3	3	3	793.3	-	-	-	-
783.3	-	91	91	91	788.2	2	446	444	446	793.4	-	1	1	1
783.4	27	1366	1339	1382	788.3	-	283	283	283	793.5	-	-	-	-
783.5	-	15	15	15	788.4	-	5	5	5	793.6	-	1	1	1
783.6	2	59	57	59	788.5	-	413	413	413	793.7	-	-	-	-
783.9	2	164	162	164	788.6	-	3	3	3	793.8	-	2	2	2
784.0	2	61	59	61	788.7	-	2	2	2	793.9	-	-	-	-
784.1	-	2	2	2	788.8	-	2	2	2	794.0	-	1	1	1
784.2	6	97	91	97	788.9	-	5	5	5	794.1	-	-	-	-
784.3	-	1421	1421	1421	789.0	67	1247	1180	1247	794.2	-	-	-	-
784.4	-	18	18	18	789.1	-	316	316	316	794.3	1	10	9	10
784.5	-	229	229	229	789.2	1	202	201	204	794.4	-	1	1	1
784.6	-	11	11	11	789.3	8	388	380	388	794.5	-	-	-	-
784.7	-	150	150	150	789.4	-	1	1	1	794.6	-	-	-	-
784.8	-	15	15	15	789.5	19	5357	5338	5358	794.7	-	-	-	-
784.9	-	15	15	15	789.9	16	271	255	271	794.8	-	27	27	27
785.0	5	597	592	597	790.0	-	7	7	7	794.9	-	1	1	1
785.1	1	9	8	9	790.1	-	-	-	-	795.0	2	2	-	2
785.2	1	43	42	43	790.2	-	19	19	19	795.1	1	4	3	4
785.3	-	2	2	2	790.3	34	1478	1444	1524	795.2	-	1	1	1
785.4	86	6232	6147	10209	790.4	-	-	-	-	795.3	-	2	2	2
785.5	1062	59815	58753	59822	790.5	-	1	1	1	795.4	-	3	3	3
785.6	1	157	156	157	790.6	9	789	780	939	795.5	-	8	8	8
785.9	-	18	18	18	790.7	17	1168	1151	1221	795.6	-	-	-	-
786.0	108	10178	10070	10182	790.8	4	62	58	62	795.7	-	3	3	3
786.1	-	15	15	15	790.9	-	5	5	5	795.8	-	1264	1264	1264
786.2	-	51	51	51	791.0	-	31	31	31	796.0	-	2	2	2
786.3	66	3415	3349	3415	791.1	-	1	1	1	796.1	-	2	2	2
786.4	-	6	6	6	791.2	-	1	1	1	796.2	-	-	-	-
786.5	2	270	268	270	791.3	-	38	38	38	796.3	-	1	1	1
786.6	-	51	51	51	791.4	-	-	-	-	796.4	-	5	5	5
786.7	-	1	1	1	791.5	-	2	2	2	796.9	-	-	-	-
786.8	-	8	8	8	791.6	-	1	1	1	797	1591	16720	15129	17467
786.9	2	63	61	63	791.7	-	2	2	2	798.0	4891	5189	298	5189
787.0	1	917	916	923	791.9	7	3255	3248	3255	798.1	353	415	62	415
787.1	-	2	2	2	792.0	-	-	-	-	798.2	-	-	-	-
787.2	3	5230	5227	5230	792.1	-	1	1	1	798.9	46	60	14	60
787.3	-	99	99	99	792.2	-	-	-	-	799.0	89	11744	11656	11776
787.4	-	3	3	3	792.3	-	-	-	-	799.1	2547	202599	200052	202599
787.5	-	3	3	3	792.4	-	-	-	-	799.2	-	15	15	15
787.6	-	29	29	29	792.9	-	1	1	1	799.3	37	5214	5177	5360
787.7	-	-	-	-	793.0	-	-	-	-	799.4	54	9307	9253	9499
787.9	-	32	32	32	793.1	-	49	49	49	799.8	194	6044	5850	6044

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 1

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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1992

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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799.9	11170	26047	14899	26047	E807.1	1	1	-	1	E813.9	9	9	-	9
E800.0	1	1	-	1	E807.2	-	-	-	-	E814.0	2	3	1	3
E800.1	-	-	-	-	E807.3	-	-	-	-	E814.1	3	3	-	3
E800.2	-	-	-	-	E807.8	-	-	-	-	E814.2	2	2	-	2
E800.3	-	-	-	-	E807.9	5	6	1	6	E814.3	1	1	-	1
E800.8	-	-	-	-	E810.0	267	268	1	268	E814.4	-	-	-	-
E800.9	-	-	-	-	E810.1	108	109	1	109	E814.5	1	1	-	1
E801.0	-	-	-	-	E810.2	6	6	-	6	E814.6	2	2	-	2
E801.1	-	-	-	-	E810.3	1	1	-	1	E814.7	5836	5907	71	5907
E801.2	-	-	-	-	E810.4	-	-	-	-	E814.8	2	2	-	2
E801.3	6	6	-	6	E810.5	-	-	-	-	E814.9	3	3	-	3
E801.8	2	2	-	2	E810.6	-	-	-	-	E815.0	3317	3387	70	3387
E801.9	1	1	-	1	E810.7	9	9	-	9	E815.1	1289	1299	10	1299
E802.0	-	-	-	-	E810.8	1	1	-	1	E815.2	396	398	2	398
E802.1	-	-	-	-	E810.9	129	129	-	129	E815.3	37	37	-	37
E802.2	-	-	-	-	E811.0	6	6	-	6	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	3	3	-	3	E815.5	-	-	-	-
E802.8	-	-	-	-	E811.2	-	-	-	-	E815.6	-	-	-	-
E802.9	1	1	-	1	E811.3	-	-	-	-	E815.7	3	3	-	3
E803.0	-	-	-	-	E811.4	-	-	-	-	E815.8	1	1	-	1
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	685	704	19	704
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	3501	3553	53	3553
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1439	1453	14	1453
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	283	286	3	286
E803.9	-	-	-	-	E811.9	-	-	-	-	E816.3	22	22	-	22
E804.0	1	1	-	1	E812.0	7857	7995	138	7995	E816.4	-	-	-	-
E804.1	2	2	-	2	E812.1	4094	4164	70	4164	E816.5	-	-	-	-
E804.2	1	1	-	1	E812.2	842	845	3	845	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	89	89	-	89	E816.7	10	10	-	10
E804.8	3	3	-	3	E812.4	1	1	-	1	E816.8	1	1	-	1
E804.9	15	15	-	15	E812.5	1	1	-	1	E816.9	1054	1069	16	1069
E805.0	11	11	-	11	E812.6	-	-	-	-	E817.0	-	-	-	-
E805.1	3	3	-	3	E812.7	25	25	-	25	E817.1	3	3	-	3
E805.2	539	543	4	543	E812.8	4	4	-	4	E817.2	-	-	-	-
E805.3	4	4	-	4	E812.9	2086	2126	40	2126	E817.3	-	-	-	-
E805.8	2	2	-	2	E813.0	7	8	1	8	E817.4	1	1	-	1
E805.9	36	36	-	36	E813.1	4	4	-	4	E817.5	-	-	-	-
E806.0	-	-	-	-	E813.2	-	-	-	-	E817.6	-	-	-	-
E806.1	-	-	-	-	E813.3	-	-	-	-	E817.7	1	1	-	1
E806.2	3	3	-	3	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	7	7	-	7	E817.9	16	16	-	16
E806.8	3	3	-	3	E813.6	677	678	1	678	E818.0	133	134	1	134
E806.9	1	1	-	1	E813.7	3	3	-	3	E818.1	286	289	3	289
E807.0	1	1	-	1	E813.8	4	4	-	4	E818.2	17	18	1	18

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  
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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
E818.3	10	10	-	10	E822.7	377	380	3	380	E827.4	-	-	-	-
E818.4	-	-	-	-	E822.8	-	-	-	-	E827.8	-	-	-	-
E818.5	-	-	-	-	E822.9	18	18	-	18	E827.9	3	3	-	3
E818.6	-	-	-	-	E823.0	19	22	3	22	E828.0	-	-	-	-
E818.7	4	5	1	5	E823.1	8	8	-	8	E828.1	-	-	-	-
E818.8	5	5	-	5	E823.2	10	10	-	10	E828.2	102	105	3	105
E818.9	353	366	13	366	E823.3	-	-	-	-	E828.3	-	-	-	-
E819.0	1160	1189	29	1189	E823.4	-	-	-	-	E828.4	-	-	-	-
E819.1	820	835	16	835	E823.5	-	-	-	-	E828.8	-	-	-	-
E819.2	125	125	-	125	E823.6	-	-	-	-	E828.9	7	7	-	7
E819.3	22	22	-	22	E823.7	4	5	1	5	E829.0	2	2	-	2
E819.4	-	-	-	-	E823.8	-	-	-	-	E829.1	-	-	-	-
E819.5	-	-	-	-	E823.9	14	14	-	14	E829.2	-	-	-	-
E819.6	-	-	-	-	E824.0	-	-	-	-	E829.3	-	-	-	-
E819.7	4	4	-	4	E824.1	2	2	-	2	E829.4	-	1	1	1
E819.8	2	2	-	2	E824.2	-	-	-	-	E829.8	-	-	-	-
E819.9	2893	3138	246	3138	E824.3	-	-	-	-	E829.9	1	1	-	1
E820.0	29	29	-	29	E824.4	-	-	-	-	E830.0	43	44	1	44
E820.1	3	3	-	3	E824.5	-	-	-	-	E830.1	44	44	-	44
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	14	14	-	14
E820.3	-	-	-	-	E824.7	-	-	-	-	E830.3	9	10	1	10
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	-
E820.5	-	-	-	-	E824.9	5	8	3	8	E830.5	-	-	-	-
E820.6	-	-	-	-	E825.0	45	46	1	46	E830.6	-	-	-	-
E820.7	3	3	-	3	E825.1	43	44	1	44	E830.8	-	-	-	-
E820.8	2	2	-	2	E825.2	14	14	-	14	E830.9	198	198	-	198
E820.9	45	47	2	47	E825.3	-	-	-	-	E831.0	2	2	-	2
E821.0	48	48	-	48	E825.4	-	-	-	-	E831.1	17	17	-	17
E821.1	15	15	-	15	E825.5	-	-	-	-	E831.2	3	3	-	3
E821.2	11	11	-	11	E825.6	-	-	-	-	E831.3	2	2	-	2
E821.3	-	-	-	-	E825.7	20	21	1	21	E831.4	1	1	-	1
E821.4	-	-	-	-	E825.8	1	1	-	1	E831.5	-	-	-	-
E821.5	-	-	-	-	E825.9	118	123	5	123	E831.6	-	-	-	-
E821.6	-	-	-	-	E826.0	5	5	-	5	E831.8	2	2	-	2
E821.7	8	8	-	8	E826.1	84	89	5	89	E831.9	20	22	2	22
E821.8	6	6	-	6	E826.2	1	1	-	1	E832.0	45	46	1	46
E821.9	96	98	2	98	E826.3	-	-	-	-	E832.1	36	37	1	37
E822.0	20	20	-	20	E826.4	-	-	-	-	E832.2	17	17	-	17
E822.1	6	6	-	6	E826.8	-	-	-	-	E832.3	5	5	-	5
E822.2	2	2	-	2	E826.9	13	15	2	15	E832.4	-	-	-	-
E822.3	-	-	-	-	E827.0	1	1	-	1	E832.5	-	-	-	-
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	1	1	-	1
E822.5	1	1	-	1	E827.2	1	1	-	1	E832.8	4	4	-	4
E822.6	4	4	-	4	E827.3	3	3	-	3	E832.9	246	250	4	250



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, 1992

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
E833.0	-	-	-	-	E837.9	1	1	-	1	E843.4	1	1	-	1
E833.1	-	-	-	-	E838.0	5	5	-	5	E843.5	-	-	-	-
E833.2	-	-	-	-	E838.1	14	14	-	14	E843.6	1	1	-	1
E833.3	-	-	-	-	E838.2	4	4	-	4	E843.7	2	2	-	2
E833.4	-	-	-	-	E838.3	7	7	-	7	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	6	6	-	6	E843.9	1	1	-	1
E833.6	-	-	-	-	E838.5	2	2	-	2	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	-	-	-	-	E844.1	-	-	-	-
E833.9	-	-	-	-	E838.8	2	2	-	2	E844.2	1	1	-	1
E834.0	-	-	-	-	E838.9	68	69	1	69	E844.3	1	1	-	1
E834.1	-	-	-	-	E840.0	-	-	-	-	E844.4	1	1	-	1
E834.2	-	-	-	-	E840.1	6	6	-	6	E844.5	-	-	-	-
E834.3	1	1	-	1	E840.2	9	9	-	9	E844.6	-	-	-	-
E834.4	-	-	-	-	E840.3	61	62	1	62	E844.7	21	21	-	21
E834.5	-	-	-	-	E840.4	5	5	-	5	E844.8	1	1	-	1
E834.6	-	-	-	-	E840.5	37	37	-	37	E844.9	5	5	-	5
E834.8	1	1	-	1	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	5	5	-	5	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	1	1	-	1	E840.9	-	-	-	-	E845.3	-	-	-	-
E835.2	-	-	-	-	E841.0	-	-	-	-	E845.4	-	-	-	-
E835.3	-	1	1	1	E841.1	64	64	-	64	E845.5	-	-	-	-
E835.4	-	-	-	-	E841.2	89	90	1	90	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	458	458	-	458	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	7	7	-	7	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	264	264	-	264	E845.9	-	-	-	-
E835.9	3	4	1	4	E841.6	-	-	-	-	E846	1	1	-	1
E836.0	-	-	-	-	E841.7	1	1	-	1	E847	-	-	-	-
E836.1	-	-	-	-	E841.8	-	-	-	-	E848	32	37	5	37
E836.2	-	-	-	-	E841.9	39	40	1	40	E850.0	1279	1378	99	1378
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	56	70	14	70
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	69	92	23	92
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	2	2	-	2
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	3	3	-	3
E836.8	1	1	-	1	E842.4	-	-	-	-	E850.5	79	93	14	93
E836.9	1	1	-	1	E842.5	1	1	-	1	E850.8	167	210	43	210
E837.0	-	-	-	-	E842.6	18	18	-	18	E850.9	2	2	-	2
E837.1	-	-	-	-	E842.7	-	-	-	-	E851	21	27	6	27
E837.2	6	6	-	6	E842.8	-	-	-	-	E852.0	2	2	-	2
E837.3	-	-	-	-	E842.9	-	-	-	-	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	-	-	-	-	E843.3	-	-	-	-	E852.5	3	4	1	4

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, 1992

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	1	2	1	2	E861.5	-	-	-	-	E868.1	12	12	-	12
E852.9	4	4	-	4	E861.6	2	2	-	2	E868.2	223	227	4	227
E853.0	20	23	3	23	E861.9	-	-	-	-	E868.3	69	71	2	71
E853.1	2	4	2	4	E862.0	-	-	-	-	E868.8	12	12	-	12
E853.2	38	50	12	50	E862.1	14	14	-	14	E868.9	141	147	6	147
E853.8	3	4	1	4	E862.2	-	-	-	-	E869.0	-	-	-	-
E853.9	2	2	1	2	E862.3	-	-	-	-	E869.1	-	-	-	-
E854.0	141	164	23	164	E862.4	48	55	7	55	E869.2	15	18	3	18
E854.1	-	2	2	2	E862.9	1	1	-	1	E869.3	-	-	-	-
E854.2	128	171	43	171	E863.0	4	4	-	4	E869.8	76	97	21	97
E854.3	-	-	-	-	E863.1	3	3	-	3	E869.9	17	21	4	21
E855.0	32	64	32	64	E863.2	1	1	-	1	E870.0	147	166	19	166
E855.1	35	46	11	46	E863.3	-	-	-	-	E870.1	2	3	1	3
E855.2	1031	1276	245	1276	E863.4	5	5	-	5	E870.2	7	9	2	9
E855.3	-	-	-	-	E863.5	1	1	-	1	E870.3	2	4	2	4
E855.4	-	-	-	-	E863.6	-	1	1	1	E870.4	36	42	6	42
E855.5	2	3	1	3	E863.7	1	1	-	1	E870.5	30	32	2	32
E855.6	-	-	-	-	E863.8	-	-	-	-	E870.6	24	26	2	26
E855.8	13	18	5	18	E863.9	3	4	1	4	E870.7	4	5	1	5
E855.9	-	-	-	-	E864.0	-	-	-	-	E870.8	76	84	8	84
E856	55	79	24	79	E864.1	4	5	1	5	E870.9	11	15	4	15
E857	5	7	2	7	E864.2	3	3	-	3	E871.0	1	1	-	1
E858.0	18	24	6	24	E864.3	1	1	-	1	E871.1	1	1	-	1
E858.1	44	60	16	60	E864.4	-	2	2	2	E871.2	-	-	-	-
E858.2	33	50	17	50	E865.0	-	-	-	-	E871.3	-	-	-	-
E858.3	218	611	393	611	E865.1	-	1	1	1	E871.4	-	-	-	-
E858.4	3	8	5	8	E865.2	-	-	-	-	E871.5	-	-	-	-
E858.5	75	187	112	187	E865.3	-	-	-	-	E871.6	-	-	-	-
E858.6	8	17	9	17	E865.4	1	2	1	2	E871.7	-	-	-	-
E858.7	7	13	6	13	E865.5	2	2	-	2	E871.8	1	1	-	1
E858.8	1328	1458	132	1458	E865.8	1	1	-	1	E871.9	1	1	-	1
E858.9	1021	1186	165	1186	E865.9	2	2	-	2	E872.0	-	-	-	-
E860.0	11	18	7	18	E866.0	1	3	2	3	E872.1	-	-	-	-
E860.1	168	584	416	584	E866.1	2	2	-	2	E872.2	-	1	1	1
E860.2	14	16	2	16	E866.2	-	-	-	-	E872.3	-	-	-	-
E860.3	21	26	5	26	E866.3	1	1	-	1	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	16	38	22	38	E872.5	-	-	-	-
E860.8	1	1	-	1	E866.5	-	-	-	-	E872.6	-	-	-	-
E860.9	117	368	251	368	E866.6	2	3	1	3	E872.8	-	-	-	-
E861.0	-	-	-	-	E866.7	1	1	-	1	E872.9	-	1	1	1
E861.1	-	-	-	-	E866.8	26	38	12	38	E873.0	1	1	-	1
E861.2	-	-	-	-	E866.9	11	16	5	16	E873.1	-	-	-	-
E861.3	3	5	2	5	E867	21	21	-	21	E873.2	4	11	7	11
E861.4	6	7	1	7	E868.0	47	51	4	51	E873.3	-	-	-	-

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  
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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
E873.4	-	-	-	-	E879.9	8	97	89	97	E900.0	67	80	13	80
E873.5	1	1	-	1	E880.0	4	5	1	5	E900.1	20	29	9	29
E873.6	-	-	-	-	E880.9	1193	1317	124	1317	E900.9	68	97	29	97
E873.8	2	2	-	2	E881.0	252	274	22	274	E901.0	267	320	53	320
E873.9	-	-	-	-	E881.1	46	47	1	47	E901.1	1	1	-	1
E874.0	-	-	-	-	E882	513	538	25	538	E901.8	21	25	4	25
E874.1	1	1	-	1	E883.0	54	57	3	57	E901.9	269	467	198	467
E874.2	-	-	-	-	E883.1	1	1	-	1	E902.0	2	2	-	2
E874.3	-	-	-	-	E883.2	3	3	-	3	E902.1	-	-	-	-
E874.4	-	-	-	-	E883.9	41	43	2	43	E902.2	7	7	-	7
E874.5	-	-	-	-	E884.0	6	6	-	6	E902.8	-	-	-	-
E874.8	2	2	-	2	E884.1	119	121	2	121	E902.9	5	16	11	16
E874.9	-	-	-	-	E884.2	448	711	263	711	E903	-	-	-	-
E875.0	2	192	190	192	E884.9	411	450	39	450	E904.0	14	28	14	28
E875.1	-	-	-	-	E885	477	711	234	711	E904.1	81	136	55	136
E875.2	-	1	1	1	E886.0	5	8	3	8	E904.2	-	1	1	1
E875.8	-	-	-	-	E886.9	1	3	2	3	E904.3	71	100	29	100
E875.9	2	3	1	3	E887	3117	11863	8754	11864	E904.9	1	1	-	1
E876.0	3	3	-	3	E888	5955	8748	2795	8748	E905.0	3	3	-	3
E876.1	2	2	-	2	E890.0	4	4	-	4	E905.1	4	5	1	5
E876.2	4	4	-	4	E890.1	1	1	-	1	E905.2	-	-	-	-
E876.3	2	2	-	2	E890.2	2610	2626	16	2626	E905.3	48	56	8	56
E876.4	-	-	-	-	E890.3	591	601	10	601	E905.4	-	-	-	-
E876.5	1	1	-	1	E890.8	85	88	3	88	E905.5	6	6	-	6
E876.8	60	68	8	68	E890.9	41	45	4	45	E905.6	2	2	-	2
E876.9	5	8	3	8	E891.0	2	2	-	2	E905.7	-	-	-	-
E878.0	43	1076	1033	1076	E891.1	1	1	-	1	E905.8	1	1	-	1
E878.1	250	3159	2909	3159	E891.2	50	51	1	51	E905.9	4	4	-	4
E878.2	175	5118	4943	5118	E891.3	22	23	1	23	E906.0	13	16	3	16
E878.3	134	751	617	751	E891.8	5	5	-	5	E906.1	-	1	1	1
E878.4	102	1637	1535	1637	E891.9	1	1	-	1	E906.2	-	-	-	-
E878.5	205	870	665	870	E892	62	65	3	65	E906.3	4	5	1	5
E878.6	162	3951	3789	3951	E893.0	71	73	2	73	E906.4	3	9	6	9
E878.8	126	1595	1469	1595	E893.1	5	5	-	5	E906.8	86	91	5	91
E878.9	621	5287	4666	5287	E893.2	11	11	-	11	E906.9	6	8	2	8
E879.0	6	97	91	97	E893.8	43	45	2	45	E907	53	55	2	55
E879.1	25	235	210	235	E893.9	22	25	3	25	E908	81	85	4	85
E879.2	9	1519	1510	1519	E894	57	60	3	60	E909	24	25	1	25
E879.3	1	5	4	5	E895	39	42	3	42	E910.0	3	5	2	5
E879.4	3	24	21	24	E896	4	4	-	4	E910.1	52	54	2	54
E879.5	-	2	2	2	E897	11	12	1	12	E910.2	622	632	10	632
E879.6	90	355	265	355	E898.0	22	23	1	23	E910.3	45	45	-	45
E879.7	-	2	2	2	E898.1	65	71	6	71	E910.4	345	397	52	397
E879.8	274	1930	1656	1930	E899	133	233	100	233	E910.8	1838	1884	47	1884

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, 1992

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	619	634	15	634	E923.0	2	3	1	3	E930.8	-	15	15	15
E911	1196	3397	2201	3397	E923.1	5	5	-	5	E930.9	4	84	80	84
E912	1932	14430	12498	14430	E923.2	79	80	1	80	E931.0	1	8	7	8
E913.0	184	190	6	190	E923.8	46	47	1	47	E931.1	-	-	-	-
E913.1	45	46	1	46	E923.9	57	57	-	57	E931.2	-	-	-	-
E913.2	20	20	-	20	E924.0	104	124	21	124	E931.3	-	1	1	1
E913.3	58	58	-	58	E924.1	6	7	1	7	E931.4	-	3	3	3
E913.8	378	393	15	393	E924.8	20	21	1	21	E931.5	-	8	8	8
E913.9	249	292	43	292	E924.9	1	3	2	3	E931.6	-	-	-	-
E914	-	-	-	-	E925.0	66	69	3	69	E931.7	-	3	3	3
E915	32	51	19	51	E925.1	139	142	3	142	E931.8	-	10	10	10
E916	712	733	21	733	E925.2	37	38	1	38	E931.9	-	6	6	6
E917.0	40	40	-	40	E925.8	155	158	3	158	E932.0	-	420	420	420
E917.1	1	1	-	1	E925.9	128	134	6	134	E932.1	-	14	14	14
E917.2	2	2	-	2	E926.0	-	-	-	-	E932.2	-	-	-	-
E917.9	136	145	9	145	E926.1	-	-	-	-	E932.3	6	61	55	61
E918	119	130	11	130	E926.2	-	-	-	-	E932.4	-	4	4	4
E919.0	553	569	16	569	E926.3	-	-	-	-	E932.5	-	3	3	3
E919.1	49	51	2	51	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	151	152	1	152	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	11	11	-	11	E926.8	-	-	-	-	E932.8	-	2	2	2
E919.4	15	15	-	15	E926.9	-	1	1	1	E932.9	-	1	1	1
E919.5	2	2	-	2	E927	32	61	29	61	E933.0	-	2	2	2
E919.6	11	11	-	11	E928.0	-	3	3	3	E933.1	-	1956	1956	1956
E919.7	88	90	2	90	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	111	112	1	112	E928.2	1	1	-	1	E933.3	-	-	-	-
E919.9	46	47	1	47	E928.8	26	35	9	35	E933.4	-	1	1	1
E920.0	18	18	-	18	E928.9	2135	3563	1430	3563	E933.5	-	1	1	1
E920.1	12	12	-	12	E929.0	351	469	119	469	E933.8	-	2	2	2
E920.2	2	2	-	2	E929.1	16	20	4	20	E933.9	-	-	-	-
E920.3	7	10	3	10	E929.2	13	27	14	27	E934.0	-	3	3	3
E920.4	6	8	2	8	E929.3	236	790	554	790	E934.1	1	1	-	1
E920.8	55	62	7	62	E929.4	3	15	12	15	E934.2	4	516	512	516
E920.9	32	36	4	36	E929.5	3	7	4	7	E934.3	-	2	2	2
E921.0	5	5	-	5	E929.8	89	152	64	152	E934.4	2	90	88	90
E921.1	4	4	-	4	E929.9	233	565	332	565	E934.5	4	36	32	36
E921.8	23	23	-	23	E930.0	7	56	49	56	E934.6	-	-	-	-
E921.9	2	2	-	2	E930.1	-	2	2	2	E934.7	-	-	-	-
E922.0	233	240	7	240	E930.2	-	2	2	2	E934.8	-	2	2	2
E922.1	154	155	1	155	E930.3	-	2	2	2	E934.9	-	1	1	1
E922.2	88	88	-	88	E930.4	-	2	2	2	E935.0	-	7	7	7
E922.3	1	1	-	1	E930.5	-	3	3	3	E935.1	-	35	35	35
E922.8	2	2	-	2	E930.6	-	6	6	6	E935.2	-	1	1	1
E922.9	931	973	42	973	E930.7	2	105	103	105	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, 1992

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	1	23	22	23	E941.3	-	-	-	-	E946.6	-	-	-	-
E935.5	-	1	1	1	E941.9	-	-	-	-	E946.7	-	-	-	-
E935.8	-	8	8	8	E942.0	-	43	43	43	E946.8	1	1	-	1
E935.9	-	7	7	7	E942.1	-	37	37	37	E946.9	-	-	-	-
E936.0	-	-	-	-	E942.2	1	6	5	6	E947.0	-	-	-	-
E936.1	2	26	24	26	E942.3	-	-	-	-	E947.1	-	-	-	-
E936.2	-	-	-	-	E942.4	-	2	2	2	E947.2	-	-	-	-
E936.3	-	6	6	6	E942.5	-	-	-	-	E947.3	-	1	1	1
E936.4	-	2	2	2	E942.6	2	5	3	5	E947.4	-	1	1	1
E937.0	-	1	1	1	E942.7	-	1	1	1	E947.8	19	144	125	144
E937.1	-	-	-	-	E942.8	-	1	1	1	E947.9	67	331	264	331
E937.2	-	-	-	-	E942.9	-	-	-	-	E948.0	-	-	-	-
E937.3	-	-	-	-	E943.0	-	1	1	1	E948.1	-	1	1	1
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-
E937.5	-	-	-	-	E943.2	-	1	1	1	E948.3	-	-	-	-
E937.6	-	-	-	-	E943.3	-	2	2	2	E948.4	-	-	-	-
E937.8	-	-	-	-	E943.4	-	-	-	-	E948.5	-	-	-	-
E937.9	1	3	2	3	E943.5	-	1	1	1	E948.6	-	1	1	1
E938.0	1	1	-	1	E943.6	-	1	1	1	E948.8	-	-	-	-
E938.1	4	5	1	5	E943.8	-	-	-	-	E948.9	-	-	-	-
E938.2	-	-	-	-	E943.9	-	1	1	1	E949.0	-	-	-	-
E938.3	-	-	-	-	E944.0	-	-	-	-	E949.1	-	-	-	-
E938.4	6	18	12	18	E944.1	2	11	9	11	E949.2	-	1	1	1
E938.5	2	15	13	15	E944.2	-	-	-	-	E949.3	-	-	-	-
E938.6	-	-	-	-	E944.3	-	3	3	3	E949.4	-	-	-	-
E938.7	2	5	3	5	E944.4	-	12	12	12	E949.5	-	1	1	1
E938.9	1	59	58	59	E944.5	-	-	-	-	E949.6	-	-	-	-
E939.0	2	13	11	13	E944.6	-	-	-	-	E949.7	-	-	-	-
E939.1	1	12	11	12	E944.7	-	2	2	2	E949.9	1	6	5	6
E939.2	1	6	5	6	E945.0	-	-	-	-	E950.0	405	429	24	429
E939.3	1	6	5	6	E945.1	-	-	-	-	E950.1	154	170	16	170
E939.4	-	4	4	4	E945.2	-	1	1	1	E950.2	31	36	5	36
E939.5	-	-	-	-	E945.3	-	-	-	-	E950.3	1000	1046	46	1046
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	827	876	49	876
E939.7	-	4	4	4	E945.5	-	1	1	1	E950.5	798	842	44	842
E939.8	1	3	2	3	E945.6	-	1	1	1	E950.6	32	33	1	33
E939.9	1	1	-	1	E945.7	-	1	1	1	E950.7	23	23	-	23
E940.0	-	-	-	-	E945.8	-	2	2	2	E950.8	5	5	-	5
E940.1	-	1	1	1	E946.0	4	69	65	69	E950.9	163	328	165	328
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	16	17	1	17
E940.9	-	-	-	-	E946.2	-	1	1	1	E951.1	13	13	-	13
E941.0	-	1	1	1	E946.3	1	3	2	3	E951.8	5	5	-	5
E941.1	-	1	1	1	E946.4	-	2	2	2	E952.0	1706	1717	11	1717
E941.2	-	1	1	1	E946.5	-	-	-	-	E952.1	295	298	3	298

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, 1992

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
E952.8	17	22	5	22	E965.5	1	1	-	1	E983.1	3	4	1	4
E952.9	5	5	-	5	E965.6	-	-	-	-	E983.8	9	11	2	11
E953.0	3990	4007	17	4007	E965.7	-	-	-	-	E983.9	15	17	2	17
E953.1	504	534	30	534	E965.8	8	8	-	8	E984	258	264	6	264
E953.8	27	31	4	31	E965.9	1	1	-	1	E985.0	77	79	2	79
E953.9	157	159	2	159	E966	3528	3687	159	3687	E985.1	24	24	-	24
E954	397	409	12	409	E967.0	6	7	1	7	E985.2	8	8	-	8
E955.0	3455	3480	25	3480	E967.1	14	14	-	14	E985.3	-	-	-	-
E955.1	2075	2095	22	2095	E967.9	272	280	8	280	E985.4	299	306	7	306
E955.2	923	930	7	930	E968.0	245	276	31	276	E985.5	2	3	1	3
E955.3	3	3	-	3	E968.1	20	24	4	24	E986	18	19	1	19
E955.4	11713	11786	74	11786	E968.2	278	291	13	291	E987.0	27	29	2	29
E955.5	9	9	-	9	E968.3	8	9	1	9	E987.1	21	21	-	21
E955.9	7	7	-	7	E968.4	23	32	9	32	E987.2	5	5	-	5
E956	417	464	47	464	E968.8	911	1044	133	1044	E987.9	10	10	-	10
E957.0	189	193	4	193	E968.9	1091	1279	188	1279	E988.0	17	17	-	17
E957.1	304	305	1	305	E969	114	129	15	129	E988.1	53	59	6	59
E957.2	20	20	-	20	E970	302	307	5	307	E988.2	1	1	-	1
E957.9	129	129	-	129	E971	-	-	-	-	E988.3	9	11	2	11
E958.0	242	245	3	245	E972	1	1	-	1	E988.4	-	-	-	-
E958.1	169	172	3	172	E973	2	5	3	5	E988.5	12	13	1	13
E958.2	-	-	-	-	E974	-	-	-	-	E988.6	-	-	-	-
E958.3	4	7	3	7	E975	6	8	2	8	E988.7	-	-	-	-
E958.4	9	10	1	10	E976	3	5	2	5	E988.8	85	102	17	102
E958.5	100	100	-	100	E977	-	1	1	1	E988.9	288	337	49	337
E958.6	1	1	-	1	E978	30	31	1	31	E989	22	30	8	30
E958.7	1	1	-	1	E980.0	491	524	33	524	E990.0	-	-	-	-
E958.8	64	71	7	71	E980.1	13	14	1	14	E990.9	1	-	-	-
E958.9	34	88	54	88	E980.2	8	8	-	8	E991.0	-	-	-	-
E959	46	55	9	55	E980.3	159	171	12	171	E991.1	-	-	-	-
E960.0	107	150	43	150	E980.4	478	512	34	512	E991.2	-	-	-	-
E960.1	2	14	12	14	E980.5	252	265	13	265	E991.3	-	-	-	-
E961	3	3	-	3	E980.6	1	1	-	1	E991.9	-	-	-	-
E962.0	37	45	8	45	E980.7	5	5	-	5	E992	-	-	-	-
E962.1	4	5	1	5	E980.8	6	6	-	6	E993	-	-	-	-
E962.2	24	25	1	25	E980.9	63	144	81	144	E994	-	-	-	-
E962.9	1	1	-	1	E981.0	3	3	-	3	E995	-	-	-	-
E963	890	959	69	959	E981.1	5	5	-	5	E996	-	2	2	2
E964	68	79	11	79	E981.8	-	-	-	-	E997.0	-	-	-	-
E965.0	1314	1316	2	1316	E982.0	69	69	-	69	E997.1	-	-	-	-
E965.1	1104	1112	8	1112	E982.1	37	39	2	39	E997.2	-	1	1	1
E965.2	180	182	2	182	E982.8	5	6	1	6	E997.8	-	-	-	-
E965.3	1	1	-	1	E982.9	1	1	-	1	E997.9	-	-	-	-
E965.4	14889	14948	60	14948	E983.0	36	37	1	37	E998	-	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, 1992

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
E999	10	30	20	30	N844	...	4	4	4	N896	...	5	5	5
N800	...	105	105	105	N845	...	2	2	2	N897	...	73	73	73
N801	...	1026	1026	1026	N846	...	6	6	6	N900	...	328	328	328
N802	...	341	341	341	N847	...	31	31	31	N901	...	2480	2480	2480
N803	...	4703	4703	4703	N848	...	14	14	14	N902	...	458	458	458
N805	...	4151	4151	4151	N850	...	186	186	186	N903	...	80	80	80
N806	...	9	9	9	N851	...	3211	3211	3211	N904	...	708	708	708
N807	...	2449	2449	2449	N852	...	4853	4853	4853	N905.0	...	20	20	20
N808	...	1320	1320	1320	N853	...	2089	2089	2089	N905.1	...	147	147	147
N809	...	17	17	17	N854	...	24973	24973	24973	N905.2	...	26	26	26
N810	...	149	149	149	N860	...	1581	1581	1581	N905.3	...	430	430	430
N811	...	23	23	23	N861	...	4219	4219	4219	N905.4	...	65	65	65
N812	...	890	890	890	N862	...	8866	8866	8866	N905.5	...	38	38	38
N813	...	104	104	104	N863	...	818	818	818	N905.6	...	16	16	16
N814	...	138	138	138	N864	...	1795	1795	1795	N905.7	...	1	1	1
N815	...	8	8	8	N865	...	979	979	979	N905.8	...	-	-	-
N816	...	8	8	8	N866	...	338	338	338	N905.9	...	3	3	3
N817	...	-	-	-	N867	...	149	149	149	N906.0	...	167	167	167
N818	...	178	178	178	N868	...	3328	3328	3328	N906.1	...	9	9	9
N819	...	23	23	23	N869	...	3554	3554	3554	N906.2	...	1	1	1
N820	...	12689	12689	12689	N870	...	8	8	8	N906.3	...	8	8	8
N821	...	2068	2068	2068	N871	...	38	38	38	N906.4	...	1	1	1
N822	...	87	87	87	N872	...	33	33	33	N906.5	...	-	-	-
N823	...	420	420	420	N873	...	21463	21463	21463	N906.6	...	-	-	-
N824	...	231	231	231	N874	...	2408	2408	2408	N906.7	...	4	4	4
N825	...	24	24	24	N875	...	10082	10082	10082	N906.8	...	3	3	3
N826	...	1	1	1	N876	...	1339	1339	1339	N906.9	...	9	9	9
N827	...	328	328	328	N877	...	81	81	81	N907.0	...	855	855	855
N828	...	177	177	177	N878	...	7	7	7	N907.1	...	2	2	2
N829	...	1513	1513	1513	N879	...	14571	14571	14571	N907.2	...	293	293	293
N830	...	3	3	3	N880	...	258	258	258	N907.3	...	2	2	2
N831	...	20	20	20	N881	...	228	228	228	N907.4	...	2	2	2
N832	...	1	1	1	N882	...	84	84	84	N907.5	...	2	2	2
N833	...	17	17	17	N883	...	12	12	12	N907.9	...	8	8	8
N834	...	1	1	1	N884	...	565	565	565	N908.0	...	43	43	43
N835	...	52	52	52	N885	...	-	-	-	N908.1	...	26	26	26
N836	...	6	6	6	N886	...	12	12	12	N908.2	...	2	2	2
N837	...	3	3	3	N887	...	39	39	39	N908.3	...	6	6	6
N838	...	-	-	-	N890	...	222	222	222	N908.4	...	9	9	9
N839	...	395	395	395	N891	...	240	240	240	N908.5	...	22	22	22
N840	...	4	4	4	N892	...	19	19	19	N908.6	...	40	40	40
N841	...	-	-	-	N893	...	3	3	3	N908.9	...	258	258	258
N842	...	-	-	-	N894	...	40	40	40	N909.0	...	16	16	16
N843	...	3	3	3	N895	...	-	-	-	N909.1	...	22	22	22

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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, 1992

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	...	7	7	7	N941.3	...	14	14	14	N950	...	5	5	5
N909.3	...	961	961	961	N941.4	...	2	2	2	N951	...	5	5	5
N909.4	...	63	63	63	N942.0	...	190	190	190	N952	...	1846	1846	1846
N909.9	...	12	12	12	N942.1	...	-	-	-	N953	...	6	6	6
N910	...	45	45	45	N942.2	...	13	13	13	N954	...	24	24	24
N911	...	22	22	22	N942.3	...	52	52	52	N955	...	3	3	3
N912	...	3	3	3	N942.4	...	26	26	26	N956	...	1	1	1
N913	...	8	8	8	N943.0	...	25	25	25	N957	...	53	53	53
N914	...	2	2	2	N943.1	...	-	-	-	N958.0	...	55	55	55
N915	...	1	1	1	N943.2	...	5	5	5	N958.1	...	148	148	148
N916	...	13	13	13	N943.3	...	14	14	14	N958.2	...	2	2	2
N917	...	-	-	-	N943.4	...	1	1	1	N958.3	...	32	32	32
N918	...	4	4	4	N944.0	...	9	9	9	N958.4	...	1269	1269	1269
N919	...	126	126	126	N944.1	...	-	-	-	N958.5	...	5	5	5
N920	...	173	173	173	N944.2	...	1	1	1	N958.6	...	2	2	2
N921	...	18	18	18	N944.3	...	5	5	5	N958.7	...	113	113	113
N922	...	130	130	130	N944.4	...	-	-	-	N958.8	...	3281	3281	3281
N923	...	22	22	22	N945.0	...	51	51	51	N959.0	...	2533	2533	2533
N924	...	401	401	401	N945.1	...	-	-	-	N959.1	...	3043	3043	3043
N925	...	74	74	74	N945.2	...	6	6	6	N959.2	...	105	105	105
N926	...	40	40	40	N945.3	...	23	23	23	N959.3	...	62	62	62
N927	...	8	8	8	N945.4	...	2	2	2	N959.4	...	16	16	16
N928	...	24	24	24	N947.0	...	4	4	4	N959.5	...	2	2	2
N929	...	419	419	419	N947.1	...	25	25	25	N959.6	...	116	116	116
N930	...	1	1	1	N947.2	...	2	2	2	N959.7	...	264	264	264
N931	...	-	-	-	N947.3	...	3	3	3	N959.8	...	16346	16346	16346
N932	...	2	2	2	N947.4	...	-	-	-	N959.9	...	6618	6618	6618
N933	...	12660	12660	12660	N947.8	...	2	2	2	N960.0	...	1	1	1
N934	...	557	557	557	N947.9	...	7	7	7	N960.1	...	4	4	4
N935	...	30	30	30	N948.0	...	7	7	7	N960.2	...	-	-	-
N936	...	10	10	10	N948.1	...	39	39	39	N960.3	...	-	-	-
N937	...	2	2	2	N948.2	...	74	74	74	N960.4	...	-	-	-
N938	...	22	22	22	N948.3	...	75	75	75	N960.5	...	-	-	-
N939	...	1	1	1	N948.4	...	77	77	77	N960.6	...	4	4	4
N940.0	...	-	-	-	N948.5	...	65	65	65	N960.7	...	56	56	56
N940.1	...	1	1	1	N948.6	...	70	70	70	N960.8	...	11	11	11
N940.2	...	-	-	-	N948.7	...	38	38	38	N960.9	...	8	8	8
N940.3	...	-	-	-	N948.8	...	77	77	77	N961.0	...	3	3	3
N940.4	...	-	-	-	N948.9	...	422	422	422	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	1912	1912	1912	N961.2	...	-	-	-
N940.9	...	1	1	1	N949.1	...	6	6	6	N961.3	...	-	-	-
N941.0	...	38	38	38	N949.2	...	33	33	33	N961.4	...	8	8	8
N941.1	...	1	1	1	N949.3	...	125	125	125	N961.5	...	3	3	3
N941.2	...	10	10	10	N949.4	...	22	22	22	N961.6	...	-	-	-



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, 1992

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	...	-	-	-	N967.0	...	368	368	368	N972.7	...	-	-	-
N961.8	...	3	3	3	N967.1	...	18	18	18	N972.8	...	1	1	1
N961.9	...	2	2	2	N967.2	...	1	1	1	N972.9	...	4	4	4
N962.0	...	4	4	4	N967.3	...	-	-	-	N973.0	...	5	5	5
N962.1	...	1	1	1	N967.4	...	1	1	1	N973.1	...	1	1	1
N962.2	...	-	-	-	N967.5	...	8	8	8	N973.2	...	-	-	-
N962.3	...	85	85	85	N967.6	...	9	9	9	N973.3	...	2	2	2
N962.4	...	3	3	3	N967.8	...	19	19	19	N973.4	...	1	1	1
N962.5	...	-	-	-	N967.9	...	22	22	22	N973.5	...	-	-	-
N962.6	...	-	-	-	N968.0	...	68	68	68	N973.6	...	-	-	-
N962.7	...	1	1	1	N968.1	...	3	3	3	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	36	36	36	N973.9	...	-	-	-
N962.9	...	-	-	-	N968.3	...	45	45	45	N974.0	...	-	-	-
N963.0	...	244	244	244	N968.4	...	3	3	3	N974.1	...	224	224	224
N963.1	...	47	47	47	N968.5	...	2761	2761	2761	N974.2	...	-	-	-
N963.2	...	-	-	-	N968.6	...	-	-	-	N974.3	...	-	-	-
N963.3	...	-	-	-	N968.7	...	2	2	2	N974.4	...	-	-	-
N963.4	...	1	1	1	N968.9	...	36	36	36	N974.5	...	3	3	3
N963.5	...	1	1	1	N969.0	...	1675	1675	1675	N974.6	...	17	17	17
N963.8	...	-	-	-	N969.1	...	162	162	162	N974.7	...	5	5	5
N963.9	...	-	-	-	N969.2	...	16	16	16	N975.0	...	-	-	-
N964.0	...	14	14	14	N969.3	...	11	11	11	N975.1	...	1	1	1
N964.1	...	-	-	-	N969.4	...	646	646	646	N975.2	...	23	23	23
N964.2	...	43	43	43	N969.5	...	112	112	112	N975.3	...	2	2	2
N964.3	...	2	2	2	N969.6	...	32	32	32	N975.4	...	13	13	13
N964.4	...	3	3	3	N969.7	...	279	279	279	N975.5	...	5	5	5
N964.5	...	4	4	4	N969.8	...	4	4	4	N975.6	...	29	29	29
N964.6	...	-	-	-	N969.9	...	6	6	6	N975.7	...	6	6	6
N964.7	...	-	-	-	N970.0	...	1	1	1	N975.8	...	7	7	7
N964.8	...	-	-	-	N970.1	...	-	-	-	N976.0	...	10	10	10
N964.9	...	-	-	-	N970.8	...	-	-	-	N976.1	...	-	-	-
N965.0	...	3293	3293	3293	N970.9	...	-	-	-	N976.2	...	4	4	4
N965.1	...	232	232	232	N971.0	...	1	1	1	N976.3	...	-	-	-
N965.4	...	351	351	351	N971.1	...	25	25	25	N976.4	...	4	4	4
N965.5	...	4	4	4	N971.2	...	19	19	19	N976.5	...	1	1	1
N965.6	...	15	15	15	N971.3	...	2	2	2	N976.6	...	2	2	2
N965.7	...	518	518	518	N971.9	...	-	-	-	N976.7	...	-	-	-
N965.8	...	465	465	465	N972.0	...	141	141	141	N976.8	...	-	-	-
N965.9	...	6	6	6	N972.1	...	591	591	591	N976.9	...	-	-	-
N966.0	...	-	-	-	N972.2	...	1	1	1	N977.0	...	11	11	11
N966.1	...	78	78	78	N972.3	...	-	-	-	N977.1	...	-	-	-
N966.2	...	-	-	-	N972.4	...	11	11	11	N977.2	...	1	1	1
N966.3	...	69	69	69	N972.5	...	1	1	1	N977.3	...	1	1	1
N966.4	...	10	10	10	N972.6	...	4	4	4	N977.4	...	-	-	-

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, 1992

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- ARY	ENTITY AXIS		UC	RECORD TOTAL	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL	AXIS SECOND- ARY	ENTITY AXIS
N977.8	...	216	216	216	N985.3	...	1	1	1	N992.2	...	1	1	1
N977.9	...	5033	5033	5033	N985.4	...	-	-	-	N992.3	...	1	1	1
N978.0	...	-	-	-	N985.5	...	1	1	1	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	28	28	28
N978.2	...	-	-	-	N985.8	...	65	65	65	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	1	1	1	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	3922	3922	3922	N992.8	...	3	3	3
N978.5	...	-	-	-	N987.0	...	48	48	48	N992.9	...	91	91	91
N978.6	...	-	-	-	N987.1	...	32	32	32	N993.0	...	-	-	-
N978.8	...	-	-	-	N987.2	...	2	2	2	N993.1	...	-	-	-
N978.9	...	-	-	-	N987.3	...	-	-	-	N993.2	...	23	23	23
N979.0	...	-	-	-	N987.4	...	26	26	26	N993.3	...	6	6	6
N979.1	...	-	-	-	N987.5	...	-	-	-	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	4	4	4	N993.8	...	-	-	-
N979.3	...	-	-	-	N987.7	...	2	2	2	N993.9	...	-	-	-
N979.4	...	-	-	-	N987.8	...	2869	2869	2869	N994.0	...	25	25	25
N979.5	...	-	-	-	N987.9	...	352	352	352	N994.1	...	5760	5760	5760
N979.6	...	-	-	-	N988.0	...	1	1	1	N994.2	...	147	147	147
N979.7	...	-	-	-	N988.1	...	2	2	2	N994.3	...	4	4	4
N979.9	...	12	12	12	N988.2	...	3	3	3	N994.4	...	1	1	1
N980.0	...	764	764	764	N988.8	...	3	3	3	N994.5	...	54	54	54
N980.1	...	42	42	42	N988.9	...	2	2	2	N994.6	...	1	1	1
N980.2	...	51	51	51	N989.0	...	78	78	78	N994.7	...	7642	7642	7642
N980.3	...	1	1	1	N989.1	...	10	10	10	N994.8	...	596	596	596
N980.8	...	-	-	-	N989.2	...	10	10	10	N994.9	...	233	233	233
N980.9	...	591	591	591	N989.3	...	17	17	17	N995.0	...	128	128	128
N981	...	11	11	11	N989.4	...	35	35	35	N995.1	...	31	31	31
N982.0	...	12	12	12	N989.5	...	59	59	59	N995.2	...	244	244	244
N982.1	...	1	1	1	N989.6	...	-	-	-	N995.3	...	73	73	73
N982.2	...	-	-	-	N989.7	...	-	-	-	N995.4	...	2	2	2
N982.3	...	21	21	21	N989.8	...	69	69	69	N995.5	...	223	223	223
N982.4	...	-	-	-	N989.9	...	80	80	80	N995.8	...	12	12	12
N982.8	...	61	61	61	N990	...	51	51	51	N996.0	...	337	337	337
N983.0	...	5	5	5	N991.0	...	-	-	-	N996.1	...	60	60	60
N983.1	...	13	13	13	N991.1	...	2	2	2	N996.2	...	27	27	27
N983.2	...	14	14	14	N991.2	...	5	5	5	N996.3	...	3	3	3
N983.9	...	21	21	21	N991.3	...	3	3	3	N996.4	...	20	20	20
N984.0	...	-	-	-	N991.4	...	-	-	-	N996.5	...	181	181	181
N984.1	...	1	1	1	N991.5	...	-	-	-	N996.6	...	1546	1546	1546
N984.8	...	-	-	-	N991.6	...	935	935	935	N996.7	...	6094	6094	6094
N984.9	...	3	3	3	N991.8	...	2	2	2	N996.8	...	805	805	805
N985.0	...	5	5	5	N991.9	...	254	254	254	N996.9	...	2	2	2
N985.1	...	6	6	6	N992.0	...	127	127	127	N997.0	...	655	655	655
N985.2	...	-	-	-	N992.1	...	1	1	1	N997.1	...	3181	3181	3181



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, 1992

(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.....	32	1	2	1	-	1	5	4	4	5	4	5	-
007-009.....	963	170	21	7	7	23	32	24	52	127	248	252	-
010-018.....	4,236	9	6	8	30	316	569	434	567	883	924	489	1
010-012.....	3,347	3	2	2	18	237	430	344	457	678	764	411	1
013-018.....	921	6	4	6	12	85	146	93	114	212	163	80	-
033.....	7	6	-	1	-	-	-	-	-	-	-	-	-
034-035.....	16	-	-	-	-	-	1	-	-	5	7	3	-
036.....	226	37	40	16	43	7	17	18	13	9	15	11	-
038.....	102,074	708	285	268	602	1,876	3,783	5,402	10,477	22,577	30,924	25,161	11
045.....	2	-	-	-	-	-	-	1	1	-	-	-	-
055.....	5	-	1	-	2	-	2	-	-	-	-	-	-
070.....	3,301	12	3	5	40	249	640	485	559	665	517	126	-
090-097.....	318	25	-	1	4	27	40	24	24	50	77	46	-
REM. 001-1391/...	50,019	484	317	291	855	12,040	16,839	7,455	3,728	3,438	2,866	1,691	15
140-208.....	584,984	110	509	1,196	1,917	5,836	17,840	43,008	97,328	176,954	165,480	74,773	33
140-149.....	9,777	1	1	1	26	60	340	1,052	2,237	2,989	2,136	934	-

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, 1992

(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.....	138,432	16	15	27	126	670	3,060	8,456	21,056	40,362	42,365	22,269	10
160-165.....	164,489	4	5	11	45	317	2,910	12,742	35,487	60,855	42,073	10,034	6
174-175.....	52,346	1	-	2	6	620	3,346	6,306	8,895	13,334	12,335	7,496	5
179-187.....	75,570	2	3	5	101	619	1,664	3,085	7,691	20,393	27,149	14,854	4
188-189.....	26,916	3	16	40	21	80	437	1,507	3,688	7,476	8,854	4,790	4
170-173, 190-199.	181,195	50	286	596	846	2,395	6,839	15,309	32,195	54,733	48,072	19,862	12
204-208.....	23,818	39	186	472	538	712	919	1,403	2,842	5,942	6,952	3,813	-
200-203.....	37,516	1	18	78	342	1,061	1,665	2,639	5,255	10,764	11,270	4,422	1
210-239.....	12,939	93	79	113	146	258	449	645	1,273	2,894	4,090	2,899	-
250.....	169,149	7	9	38	212	1,080	3,377	8,482	22,438	48,861	55,205	29,436	4
260-269.....	30,543	54	26	33	87	417	855	1,090	2,363	5,638	9,464	10,511	5
280-285.....	42,844	87	106	128	303	978	1,504	1,680	3,053	7,501	13,033	14,465	6
320-322.....	2,348	215	57	48	61	187	316	265	307	433	326	133	-
390-448.....	1,311,304	3,235	1,384	1,477	3,488	11,320	29,582	57,296	128,585	286,993	417,257	370,555	132
390-398, 402, 404-429.....	1,125,438	2,855	1,247	1,264	3,040	9,939	25,935	50,695	114,044	249,855	354,708	311,738	118
390-398.....	10,178	12	11	7	57	137	313	614	1,231	2,744	3,360	1,691	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, 1992

(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.....	38,905	2	1	3	26	268	1,198	2,605	5,026	8,843	11,341	9,586	6
404.....	3,479	-	-	-	5	18	82	119	350	771	1,153	981	-
410-414.....	594,775	80	18	27	186	1,467	8,120	23,421	59,296	137,216	196,456	168,435	53
410.....	261,737	62	14	15	113	811	4,551	13,412	31,844	66,453	85,954	58,490	18
411.....	6,886	5	1	-	7	43	278	568	940	1,561	1,832	1,644	7
413.....	5,492	-	-	1	2	7	35	131	416	1,153	2,002	1,744	1
412, 414.....	437,785	15	3	14	87	905	5,081	14,780	39,566	97,596	145,669	134,031	38
424.....	31,149	31	24	29	71	185	526	768	1,925	5,761	11,300	10,529	-
415-423, 425-429.	823,041	2,790	1,224	1,235	2,873	8,771	20,048	35,809	79,942	177,027	257,692	235,545	85
401, 403.....	125,088	30	9	6	57	426	2,019	5,557	13,881	30,823	41,891	30,381	8
430-438.....	255,418	427	162	232	441	1,405	3,897	7,427	17,215	47,341	89,686	87,170	15
431-432.....	29,973	155	64	123	219	596	1,709	2,730	4,019	7,168	8,641	4,547	2
434.0, 434.9.....	25,772	87	31	37	61	146	361	668	1,813	4,666	9,010	8,891	1
434.1.....	2,112	-	1	2	4	19	38	55	157	469	756	611	-
430, 433, 435-438	204,727	196	70	77	184	732	2,047	4,375	11,864	36,285	73,488	75,396	13
440.....	82,269	2	2	1	8	79	415	1,435	4,741	14,304	27,514	33,766	2

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, 1992

(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.....	48,700	33	11	25	119	296	705	1,400	4,316	12,732	17,221	11,837	5
466.....	2,115	134	35	10	7	27	43	63	170	455	603	568	-
480-487.....	196,364	1,139	438	380	734	2,256	4,272	6,003	13,141	34,737	63,745	69,498	21
480-486.....	194,959	1,127	431	372	725	2,249	4,246	5,964	13,061	34,535	63,357	68,871	21
487.....	1,405	12	7	8	9	7	26	39	80	202	388	627	-
490-496.....	210,582	79	106	160	289	473	1,412	5,346	23,202	65,146	78,338	36,012	19
490-491.....	8,124	56	34	30	33	59	125	268	808	2,007	2,675	2,029	-
492.....	32,987	6	3	-	8	31	208	949	4,065	11,373	12,040	4,303	1
493.....	10,762	11	54	106	215	309	579	838	1,454	2,653	2,849	1,694	-
494-496.....	159,750	6	16	28	40	85	522	3,348	17,004	49,447	61,110	28,126	18
531-533.....	16,086	18	8	7	15	87	330	619	1,448	3,577	5,463	4,512	2
540-543.....	841	6	2	14	21	25	40	40	99	209	221	164	-
550-553, 560.....	19,308	213	39	34	60	158	360	709	1,595	3,723	6,298	6,117	2
571.....	39,002	60	25	11	92	1,159	5,007	6,394	8,631	10,178	6,030	1,405	10
574-575.....	7,102	8	2	4	14	60	128	232	532	1,397	2,456	2,269	-
580-589.....	123,034	995	115	128	405	1,699	3,889	5,496	12,278	28,480	39,672	29,869	8

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, 1992

(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.....	1,160	9	13	6	21	33	38	47	124	273	379	217	-
582-583, 587...	5,205	9	5	9	28	132	200	194	369	975	1,760	1,523	1
584-586, 588-589.....	118,072	980	100	118	371	1,590	3,731	5,314	11,890	27,497	38,015	28,459	7
590.....	2,448	6	4	4	6	43	97	102	178	390	759	858	1
600.....	1,903	-	-	-	-	-	-	9	60	339	745	750	-
630-676.....	375	...	...	1	126	173	74	1	...	...	...	...	-
630-638.....	71	...	...	1	23	34	13	-	...	...	...	...	-
640-676.....	312	...	...	-	106	143	62	1	...	...	...	...	-
740-759.....	16,861	8,442	1,065	580	629	711	776	757	933	1,136	1,195	636	1
760-779.....	20,893	20,578	205	54	9	10	11	6	1	7	3	7	2
767-769.....	4,401	4,332	32	18	3	5	4	2	-	3	-	1	1
760-766, 770-779.....	20,348	20,083	182	41	7	6	8	5	1	4	3	6	2
780-799.....	390,898	8,779	1,585	1,471	3,370	8,570	14,941	19,713	40,927	87,716	112,864	90,858	104
RESIDUAL.....	603,696	3,877	1,943	2,096	4,671	12,415	25,084	32,446	58,880	120,248	178,351	163,617	68
EEOO-E949.....	146,521	1,355	2,849	3,798	14,236	15,067	14,242	10,657	12,304	20,989	27,735	23,163	126

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, 1992

(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.....	41,808	168	864	1,912	10,354	8,288	5,908	3,802	2,980	3,408	3,133	959	32
E800-E807, E826-E949.....	104,977	1,187	1,986	1,894	3,933	6,838	8,372	6,875	9,344	17,615	24,624	22,215	94
E950-E959.....	30,713	...	...	315	4,710	6,208	6,042	4,040	3,132	3,081	2,445	727	13
E960-E978.....	25,686	338	437	597	8,035	7,372	4,493	2,068	1,012	710	421	148	55
E980-E999.....	3,084	46	36	47	345	783	953	339	181	156	108	60	30
N800-N999.....	192,586	1,665	3,220	4,627	26,859	28,799	24,990	16,255	15,183	22,223	27,184	21,368	213
N800-N848.....	29,975	97	248	464	2,451	2,148	1,786	1,316	1,401	2,871	7,085	10,095	13
N850-N854.....	31,458	305	800	1,273	6,558	5,508	4,209	2,809	2,286	2,711	3,108	1,862	29
N860-N869.....	19,420	69	265	516	4,411	4,062	3,029	1,897	1,499	1,658	1,427	578	9
N870-N897.....	41,593	26	140	828	11,066	10,190	7,027	4,051	2,870	2,766	2,026	565	38
N900-N904.....	3,885	5	14	59	952	892	626	398	260	311	268	98	2
N905-N909.....	3,271	8	34	73	104	237	344	252	316	577	680	645	1
N910-N929.....	1,363	17	31	40	204	206	174	133	119	114	171	152	2
N930-N939.....	13,219	214	197	162	241	401	621	671	1,125	2,303	3,727	3,553	4
N940-N949.....	3,185	56	240	137	291	427	442	303	325	363	371	226	4
N950-N957.....	1,940	9	31	51	318	333	256	168	168	240	255	111	-

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, 1992

(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.....	30,824	165	477	927	5,696	5,684	4,388	2,933	2,368	2,795	3,154	2,195	42
N960-N995.....	35,664	657	1,361	1,209	4,043	7,458	8,060	4,066	2,655	2,516	2,312	1,220	107
N996-N999.....	24,277	374	215	215	261	491	934	1,623	3,195	6,804	6,903	3,258	4
*042-*044 <u>2</u> /.....	37,196	116	174	113	634	11,367	15,739	6,281	2,036	603	104	15	14

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 3

NUMBER OF RESIDENT DEATHS TABULATED BY  
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1992

(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.....	2,175,613	34,628	6,764	8,193	34,548	58,481	91,290	125,030	240,991	477,916	609,852	487,446	474
004, 006.....	14	1	1	1	-	-	-	4	-	2	1	4	-
007-009.....	529	130	16	2	3	4	19	10	22	64	121	138	-
010-018.....	1,705	5	6	4	13	102	198	160	242	378	382	215	-
010-012.....	1,315	1	2	1	8	64	133	121	198	296	320	171	-
013-018.....	390	4	4	3	5	38	65	39	44	82	62	44	-
033.....	5	4	-	1	-	-	-	-	-	-	-	-	-
034-035.....	5	-	-	-	-	-	1	-	-	3	-	1	-
036.....	201	34	39	16	40	6	15	13	10	9	11	8	-
038.....	19,667	225	77	45	86	275	589	851	1,631	3,895	6,179	5,810	4
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	4	-	1	-	2	-	1	-	-	-	-	-	-
070.....	2,001	9	2	3	26	128	336	287	321	453	356	80	-
090-097.....	91	12	-	1	3	4	6	6	12	15	17	15	-
REM. 001-139 <u>1</u> /..	40,396	361	244	210	721	11,023	15,068	6,307	2,679	1,792	1,294	684	13
140-208.....	520,578	95	479	1,105	1,809	5,303	16,882	41,206	91,609	161,225	142,648	58,187	30

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, 1992

(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.....	8,107	1	1	1	23	54	319	960	1,949	2,453	1,651	695	-
150-159.....	122,873	11	14	26	125	645	2,945	8,062	19,741	36,751	36,710	17,836	7
160-165.....	151,269	3	5	9	43	303	2,819	12,281	33,448	55,921	37,699	8,732	6
174-175.....	43,365	1	-	2	6	610	3,249	6,025	8,150	11,386	9,303	4,628	5
179-187.....	60,050	1	3	4	98	590	1,591	2,924	6,953	17,198	20,622	10,063	3
188-189.....	21,643	2	16	36	18	75	417	1,391	3,289	6,199	6,810	3,386	4
170-173, 190-199.....	62,887	39	249	534	707	1,497	3,282	5,993	11,086	17,420	15,311	6,765	4
204-208.....	19,272	36	174	422	481	655	848	1,263	2,467	4,889	5,387	2,650	-
200-203.....	31,112	1	17	71	308	874	1,412	2,307	4,526	9,008	9,155	3,432	1
210-239.....	7,070	62	61	97	101	197	321	438	757	1,571	2,075	1,390	-
250.....	50,067	4	4	26	133	658	1,600	3,203	7,109	13,976	15,091	8,261	2
260-269.....	3,135	22	5	6	7	22	33	60	103	333	900	1,644	-
280-285.....	4,246	48	65	62	127	199	222	170	224	616	1,134	1,379	-
320-322.....	798	126	32	32	31	41	84	66	91	119	118	58	-
390-448.....	913,908	897	347	363	1,256	4,497	15,996	37,637	86,241	192,844	293,300	280,424	106

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, 1992

(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.....	717,706	716	286	284	968	3,423	12,698	31,413	72,516	156,529	226,738	212,047	88
390-398.....	5,702	2	7	6	36	101	222	385	731	1,482	1,845	884	1
402.....	21,853	1	-	1	20	166	712	1,506	2,902	4,696	6,140	5,704	5
404.....	2,492	-	-	-	3	12	43	78	229	475	844	808	-
410-414.....	480,051	21	9	15	105	1,099	6,789	19,820	48,169	108,143	156,309	139,526	46
410.....	229,383	19	7	7	59	624	3,868	11,703	27,435	57,323	75,504	52,819	15
411.....	3,179	-	-	-	3	15	133	275	485	744	809	710	5
413.....	1,003	-	-	1	1	3	10	28	70	170	365	355	-
412, 414...	246,486	2	2	7	42	457	2,778	7,814	20,179	49,906	79,631	85,642	26
424.....	14,359	10	8	19	38	86	256	398	881	2,359	5,153	5,151	-
415-423, 425-429.....	193,249	682	262	243	766	1,959	4,676	9,226	19,604	39,374	56,447	59,974	36
401, 403.....	10,265	3	2	2	16	67	186	411	937	2,199	3,402	3,039	1
430-438...	143,769	166	50	64	197	796	2,591	4,791	9,709	24,972	49,437	50,983	13
431-432...	21,118	41	19	26	78	276	1,016	1,795	2,751	5,068	6,518	3,528	2
434.0, 434.9	15,583	21	5	3	9	41	141	296	907	2,577	5,528	6,054	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, 1992

(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.....	630	-	-	-	-	5	11	21	33	144	231	185	-
430, 433, 435-438.....	106,438	104	26	35	110	474	1,423	2,679	6,018	17,183	37,160	41,216	10
440.....	16,831	-	-	-	1	9	48	162	614	2,034	4,909	9,052	2
441-448.....	25,337	12	9	13	74	202	473	860	2,465	7,110	8,814	5,303	2
466.....	577	92	16	7	1	15	14	20	35	84	140	153	-
480-487.....	75,719	600	188	104	229	654	1,350	1,645	3,453	10,212	23,981	33,296	7
480-486.....	74,713	592	182	99	221	647	1,331	1,627	3,409	10,092	23,702	32,804	7
487.....	1,006	8	6	5	8	7	19	18	44	120	279	492	-
490-496.....	91,938	45	63	100	189	278	701	2,274	10,098	28,705	34,473	15,004	8
490-491.....	3,664	33	20	7	10	15	40	103	375	985	1,238	838	-
492.....	16,363	1	2	-	3	8	75	416	2,052	5,897	5,930	1,979	-
493.....	4,964	9	38	88	168	232	373	495	692	1,164	1,097	608	-
494-496.....	66,947	2	3	5	8	23	213	1,260	6,979	20,659	26,208	11,579	8
531-533.....	6,128	7	3	4	9	45	145	251	524	1,234	2,090	1,814	2
540-543.....	413	4	2	9	16	17	25	25	41	102	98	74	-
550-553, 560.....	6,073	77	21	22	27	49	90	134	329	935	1,992	2,397	-

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, 1992

(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.....	25,263	24	9	3	32	765	3,608	4,569	5,780	6,264	3,414	789	6
574-575.....	2,915	2	-	2	5	22	50	100	196	571	979	988	-
580-589.....	22,162	189	17	20	56	236	480	725	1,724	4,540	7,431	6,740	4
580-581.....	304	5	5	4	6	5	8	6	37	60	105	63	-
582-583, 587...	1,503	3	2	2	7	32	52	72	106	290	497	439	1
584-586, 588-589.....	20,355	181	10	14	43	199	420	647	1,581	4,190	6,829	6,238	3
590.....	1,083	1	1	2	2	12	35	39	64	150	338	439	-
600.....	397	-	-	-	-	-	-	-	8	52	143	194	-
630-676.....	318	...	...	1	110	139	67	1	...	...	...	...	-
630-638.....	52	...	...	1	15	24	12	-	...	...	...	...	-
640-676.....	266	...	...	-	95	115	55	1	...	...	...	...	-
740-759.....	12,491	7,449	856	448	450	466	479	387	469	572	599	316	-
760-779 . . . . .	15,730	15,562	113	31	2	5	7	2	-	3	1	2	2
767-769	2,929	2,883	25	12	2	2	3	-	-	1	-	-	1
760-766, 770-779 . . . . .	12,801	12,679	88	19	-	3	4	2	-	2	1	2	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, 1992

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST  
SUPPLEMENTED BY 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.
780-799.....	23,430	5,838	258	128	634	1,433	1,764	1,297	1,614	2,561	3,395	4,450	58
RESIDUAL.....	180,901	1,517	907	1,004	1,713	3,811	7,716	9,270	14,946	32,614	54,076	53,309	18
E800-E949.....	86,777	819	2,467	3,388	13,662	13,798	12,010	7,485	6,397	8,165	10,172	8,296	118
E810-E825.....	40,982	160	860	1,904	10,305	8,229	5,842	3,721	2,876	3,247	2,913	893	32
E800-E807, E826-E949.....	45,795	659	1,607	1,484	3,357	5,569	6,168	3,764	3,521	4,918	7,259	7,403	86
E950-E959.....	30,484	...	...	314	4,693	6,172	6,009	4,018	3,105	3,038	2,408	714	13
E960-E978.....	25,488	326	430	587	8,019	7,343	4,460	2,046	992	692	404	135	54
E980-E999.....	2,906	41	34	45	341	762	909	324	165	127	91	38	29
*042-*044 <u>2</u> /.....	33,566	100	161	104	578	10,426	14,203	5,575	1,785	519	88	14	13

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 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE  
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1992

(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. . . . .	18	-	1	-	-	1	5	-	4	3	3	1	-
007-009. . . . .	435	40	5	5	4	19	13	14	30	63	128	114	-
010-018. . . . .	2,532	4	-	4	17	214	372	274	325	505	542	274	1
010-012. . . . .	2,032	2	-	1	10	173	297	223	259	382	444	240	1
013-018. . . . .	534	2	-	3	7	47	82	54	71	131	101	36	-
033. . . . .	2	2	-	-	-	-	-	-	-	-	-	-	-
034-035. . . . .	11	-	-	-	-	-	-	-	-	2	7	2	-
036. . . . .	25	3	1	-	3	1	2	5	3	-	4	3	-
038. . . . .	82,408	483	208	223	516	1,601	3,194	4,551	8,846	18,682	24,746	19,351	7
045. . . . .	2	-	-	-	-	-	-	1	1	-	-	-	-
055. . . . .	1	-	-	-	-	-	1	-	-	-	-	-	-
070. . . . .	1,300	3	1	2	14	121	304	198	238	212	161	46	-
090-097. . . . .	227	13	-	-	1	23	34	18	12	35	60	31	-
REM. 001 - 139 <u>1</u> /	9,636	123	73	81	134	1,017	1,774	1,148	1,050	1,650	1,574	1,010	2
140-208. . . . .	64,407	15	30	91	108	533	958	1,802	5,719	15,729	22,833	16,586	3
140-149 . . . . .	1,670	-	-	-	3	6	21	92	288	536	485	239	-

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, 1992

(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.....	15,559	5	1	1	1	25	115	394	1,315	3,611	5,655	4,433	3
160-165.....	13,222	1	-	2	2	15	91	461	2,039	4,934	4,375	1,302	-
174-175.....	8,981	-	-	-	-	10	97	281	745	1,948	3,032	2,868	-
179-187.....	15,520	1	-	1	3	29	73	161	738	3,195	6,527	4,791	1
188-189.....	5,273	1	-	4	3	5	20	116	399	1,277	2,044	1,404	-
170-173, 190-199..	118,308	11	37	62	139	898	3,557	9,316	21,109	37,313	32,761	13,097	8
204-208.....	4,546	3	12	50	57	57	71	140	375	1,053	1,565	1,163	-
200-203.....	6,405	-	1	7	34	187	253	332	729	1,757	2,115	990	-
210-239.....	5,870	31	18	16	45	61	128	207	516	1,323	2,016	1,509	-
250.....	119,082	3	5	12	79	422	1,777	5,279	15,329	34,885	40,114	21,175	2
260-269.....	27,429	32	21	27	81	396	822	1,030	2,261	5,305	8,572	8,877	5
280-285.....	38,598	39	41	66	176	779	1,282	1,510	2,829	6,885	11,899	13,086	6
320-322.....	1,550	89	25	16	30	146	232	199	216	314	208	75	-
390-448.....	397,578	2,338	1,037	1,114	2,232	6,826	13,602	19,673	42,367	94,190	124,002	90,171	26
390-398, 402, 404-429.....	407,767	2,139	961	980	2,072	6,518	13,245	19,289	41,538	93,328	127,974	99,693	30
390-398.....	4,481	10	4	1	21	36	91	229	502	1,265	1,515	807	-

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, 1992

(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.....	17,323	1	1	2	6	102	487	1,103	2,141	4,195	5,281	4,003	1
404.....	1,411	-	-	-	2	6	41	46	151	381	462	322	-
410-414.....	114,727	59	9	12	81	368	1,331	3,602	11,127	29,074	40,148	28,909	7
410.....	32,358	43	7	8	54	187	683	1,709	4,409	9,132	10,451	5,672	3
411.....	3,708	5	1	-	4	28	145	294	455	817	1,023	934	2
413.....	4,489	-	-	-	1	4	25	103	346	983	1,637	1,389	1
412, 414.....	191,301	13	1	7	45	448	2,303	6,966	19,387	47,691	66,039	48,389	12
424.....	16,790	21	16	10	33	99	270	370	1,044	3,402	6,147	5,378	-
415-423, 425-429.....	629,835	2,108	962	992	2,107	6,814	15,380	26,591	60,349	137,656	201,251	175,576	49
401, 403.....	114,921	27	7	4	41	359	1,834	5,148	12,953	28,652	38,526	27,363	7
430-438.....	111,653	261	112	168	244	609	1,307	2,636	7,506	22,369	40,251	36,188	2
431-432.....	8,881	114	45	97	141	321	695	937	1,273	2,106	2,132	1,020	-
434.0, 434.9.....	10,189	66	26	34	52	105	220	372	906	2,089	3,482	2,837	-
434.1.....	1,482	-	1	2	4	14	27	34	124	325	525	426	-
430, 433, 435-438.....	98,301	92	44	42	74	258	627	1,697	5,847	19,103	36,333	34,181	3

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, 1992

(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	
440.....	65,441	2	2	1	7	70	367	1,273	4,128	12,270	22,605	24,716	-
441-448.....	23,861	21	2	12	45	96	245	555	1,894	5,771	8,573	6,644	3
466.....	1,541	42	19	3	6	12	29	43	136	372	464	415	-
480-487.....	120,652	539	250	276	505	1,602	2,923	4,360	9,688	24,527	39,764	36,204	14
480-486.....	120,253	535	249	273	504	1,602	2,916	4,339	9,652	24,445	39,655	36,069	14
487.....	399	4	1	3	1	-	7	21	36	82	109	135	-
490-496.....	118,645	34	43	60	100	195	711	3,072	13,105	36,441	43,865	21,008	11
490-491.....	4,460	23	14	23	23	44	85	165	433	1,022	1,437	1,191	-
492.....	16,627	5	1	-	5	23	133	534	2,014	5,477	6,110	2,324	1
493.....	5,824	2	17	18	47	78	207	346	763	1,498	1,757	1,091	-
494-496.....	92,819	4	13	23	32	62	309	2,088	10,026	28,794	34,907	16,551	10
531-533.....	9,959	11	5	3	6	42	185	368	924	2,343	3,373	2,699	-
540-543.....	428	2	-	5	5	8	15	15	58	107	123	90	-
550-553, 560.....	13,236	136	18	12	33	109	270	575	1,266	2,788	4,307	3,720	2
571.....	14,046	36	16	8	60	409	1,464	1,913	2,922	3,969	2,627	618	4
574-575.....	4,188	6	2	2	9	38	78	132	337	826	1,477	1,281	-

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, 1992

(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.....	100,891	806	98	108	349	1,463	3,409	4,774	10,558	23,944	32,247	23,131	4
580-581.....	859	4	8	2	15	28	30	41	89	214	274	154	-
582-583, 587.....	3,724	6	3	7	21	100	148	125	267	688	1,272	1,087	-
584-586, 588-589..	97,727	799	90	104	328	1,392	3,311	4,668	10,309	23,310	31,187	22,225	4
590.....	1,371	5	3	2	4	31	62	63	115	240	423	422	1
600.....	1,506	-	-	-	-	-	-	9	52	287	602	556	-
630-676.....	57	...	...	-	16	34	7	-	...	...	...	...	-
630-638.....	19	...	...	-	8	10	1	-	...	...	...	...	-
640-676.....	46	...	...	-	11	28	7	-	...	...	...	...	-
740-759.....	4,397	995	209	132	180	245	297	370	466	570	609	323	1
760-779.....	5,164	5,017	92	23	7	5	4	4	1	4	2	5	-
767-769.....	1,472	1,449	7	6	1	3	1	2	-	2	-	1	-
760-766, 770-779..	7,548	7,405	94	22	7	3	4	3	1	2	2	4	1
780-799.....	367,469	2,941	1,327	1,343	2,736	7,137	13,177	18,416	39,313	85,156	109,469	86,408	46
RESIDUAL.....	422,866	2,361	1,036	1,092	2,958	8,607	17,372	23,182	43,942	87,650	124,293	110,323	50
E800-E949.....	59,758	536	382	410	576	1,269	2,232	3,173	5,907	12,829	17,566	14,870	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, 1992

(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.....	828	8	4	8	50	59	66	82	104	161	220	66	-
E800-E807, E816-E949.....	59,194	528	379	410	577	1,269	2,204	3,111	5,823	12,702	17,368	14,815	8
E950-E959.....	230	...	...	1	17	36	33	22	27	43	38	13	-
E960-E978.....	199	12	7	10	16	30	33	22	20	18	17	13	1
E980-E999.....	179	5	2	2	4	21	44	15	16	30	17	22	1
N800-N999.....	192,586	1,665	3,220	4,627	26,859	28,799	24,990	16,255	15,183	22,223	27,184	21,368	213
N800-N848.....	29,975	97	248	464	2,451	2,148	1,786	1,316	1,401	2,871	7,085	10,095	13
N850-N854.....	31,458	305	800	1,273	6,558	5,508	4,209	2,809	2,286	2,711	3,108	1,862	29
N860-N869.....	19,420	69	265	516	4,411	4,062	3,029	1,897	1,499	1,658	1,427	578	9
N870-N897.....	41,593	26	140	828	11,066	10,190	7,027	4,051	2,870	2,766	2,026	565	38
N900-N904.....	3,885	5	14	59	952	892	626	398	260	311	268	98	2
N905-N909.....	3,271	8	34	73	104	237	344	252	316	577	680	645	1
N910-N929.....	1,363	17	31	40	204	206	174	133	119	114	171	152	2
N930-N939.....	13,219	214	197	162	241	401	621	671	1,125	2,303	3,727	3,553	4
N940-N949.....	3,185	56	240	137	291	427	442	303	325	363	371	226	4
N950-N957.....	1,940	9	31	51	318	333	256	168	168	240	255	111	-

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, 1992

(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.....	30,824	165	477	927	5,696	5,684	4,388	2,933	2,368	2,795	3,154	2,195	42
N960-N995.....	35,664	657	1,361	1,209	4,043	7,458	8,060	4,066	2,655	2,516	2,312	1,220	107
N996-N999.....	24,277	374	215	215	261	491	934	1,623	3,195	6,804	6,903	3,258	4
*042-*044 <u>2</u> /.....	3,681	16	13	9	59	953	1,554	711	254	91	17	3	1

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, 1992

(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.....	32	1	2	1	-	1	5	4	4	5	4	5	-
007-009.....	1,270	170	21	9	13	134	158	72	59	128	252	254	-
010-018.....	4,676	10	7	10	38	432	769	523	587	886	924	489	1
010-012.....	3,710	4	4	3	22	320	575	419	478	697	773	414	1
013-018.....	1,004	6	3	7	16	120	203	106	113	199	154	77	-
033.....	7	6	-	1	-	-	-	-	-	-	-	-	-
034-035.....	16	-	-	-	-	-	1	-	-	5	7	3	-
036.....	226	37	40	16	43	7	17	18	13	9	15	11	-
038.....	104,180	717	301	275	631	2,443	4,559	5,716	10,620	22,677	31,003	25,227	11
045.....	2	-	-	-	-	-	-	1	1	-	-	-	-
055.....	5	-	1	-	2	-	2	-	-	-	-	-	-
070.....	3,301	12	3	5	40	249	640	485	559	665	517	126	-
090-097.....	318	25	-	1	4	27	40	24	24	50	77	46	-
REM. 001-139 1/.....	50,606	488	319	293	860	12,050	16,854	7,490	3,791	3,558	3,058	1,830	15
140-208.....	588,149	110	510	1,198	1,952	6,910	19,202	43,522	97,471	176,981	165,486	74,773	34
140-149.....	9,777	1	1	1	26	60	340	1,052	2,237	2,989	2,136	934	-

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, 1992

(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.....	138,433	16	15	27	126	670	3,060	8,456	21,056	40,362	42,366	22,269	10
160-165.....	164,489	4	5	11	45	317	2,910	12,742	35,487	60,855	42,073	10,034	6
174-175.....	52,346	1	-	2	6	620	3,346	6,306	8,895	13,334	12,335	7,496	5
179-187.....	75,570	2	3	5	101	619	1,664	3,085	7,691	20,393	27,149	14,854	4
188-189.....	26,916	3	16	40	21	80	437	1,507	3,688	7,476	8,854	4,790	4
170-173, 190-199.....	183,812	50	286	597	865	3,132	7,788	15,692	32,362	54,884	48,218	19,926	12
204-208.....	23,818	39	186	472	538	712	919	1,403	2,842	5,942	6,952	3,813	-
200-203.....	38,700	1	19	79	360	1,439	2,161	2,839	5,326	10,781	11,271	4,422	2
210-239.....	13,367	93	79	122	148	266	473	692	1,356	3,019	4,192	2,927	-
250.....	169,149	7	9	38	212	1,080	3,377	8,482	22,438	48,861	55,205	29,436	4
260-269.....	31,314	56	26	35	89	434	901	1,151	2,462	5,803	9,671	10,681	5
280-285.....	42,922	102	107	129	304	987	1,513	1,690	3,057	7,518	13,041	14,468	6
320-322.....	2,369	216	58	48	63	189	318	266	310	437	329	135	-
390-448.....	1,313,048	3,255	1,394	1,480	3,494	11,345	29,642	57,383	128,765	287,381	417,770	371,007	132
390-398, 402,404-429....	1,125,732	2,875	1,257	1,267	3,047	9,957	25,966	50,724	114,067	249,883	354,744	311,827	118

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, 1992

(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.....	10,184	12	11	7	57	137	313	614	1,233	2,748	3,360	1,691	1
402.....	33,879	2	1	2	29	263	1,177	2,441	4,574	7,900	9,795	7,690	5
404.....	316	-	-	-	-	-	1	8	19	62	96	130	-
410-414.....	594,775	80	18	27	186	1,467	8,120	23,421	59,296	137,216	196,456	168,435	53
410.....	261,738	62	14	15	113	811	4,551	13,412	31,844	66,453	85,955	58,490	18
411.....	6,886	5	1	-	7	43	278	568	940	1,561	1,832	1,644	7
413.....	5,492	-	-	1	2	7	35	131	416	1,153	2,002	1,744	1
412, 414...	437,785	15	3	14	87	905	5,081	14,780	39,566	97,596	145,669	134,031	38
424.....	31,201	32	24	29	72	187	527	770	1,932	5,775	11,315	10,538	-
415-423, 425-429.....	829,569	2,812	1,235	1,239	2,885	8,805	20,173	36,047	80,574	178,346	259,745	237,623	85
401, 403.....	136,301	30	9	7	61	465	2,176	5,960	14,973	33,200	45,494	33,917	9
430-438.....	255,487	427	162	232	441	1,405	3,897	7,425	17,214	47,334	89,706	87,229	15
431-432.....	30,776	155	64	124	230	628	1,812	2,863	4,182	7,370	8,767	4,579	2
434 0, 434 9.	25,974	87	31	37	61	151	366	674	1,820	4,710	9,074	8,962	1
434.1.....	2,112	-	1	2	4	19	38	55	157	469	756	611	-

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, 1992

(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.....	210,353	196	70	79	183	745	2,095	4,511	12,316	37,482	75,623	77,040	13
440.....	89,778	2	2	1	10	79	430	1,501	5,047	15,615	30,154	36,935	2
441-448.....	56,057	33	11	25	121	339	850	1,728	5,325	15,007	19,593	13,019	6
466.....	2,327	138	38	11	7	30	49	71	190	512	673	608	-
480-487.....	201,526	1,175	460	400	799	3,215	5,587	6,589	13,487	35,245	64,484	70,063	22
480-486.....	200,568	1,165	454	393	791	3,210	5,570	6,560	13,426	35,084	64,220	69,673	22
487.....	1,405	12	7	8	9	7	26	39	80	202	388	627	-
490-496.....	210,652	85	108	160	289	477	1,414	5,346	23,205	65,161	78,356	36,032	19
490-491.....	8,165	62	36	30	33	61	127	268	810	2,012	2,681	2,045	-
492.....	34,381	6	3	1	8	32	213	994	4,253	11,870	12,529	4,471	1
493.....	10,888	11	55	106	215	311	584	849	1,468	2,693	2,885	1,711	-
494-496.....	167,608	6	16	29	41	92	568	3,589	17,929	51,978	63,992	29,350	18
531-533.....	16,091	18	8	7	15	87	330	620	1,448	3,578	5,465	4,513	2
540-543.....	841	6	2	14	21	25	40	40	99	209	221	164	-
550-553, 560.....	19,308	213	39	34	60	158	360	709	1,595	3,723	6,298	6,117	2
571.....	38,924	60	25	11	92	1,153	4,992	6,376	8,603	10,164	6,034	1,404	10

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, 1992

(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.....	7,112	8	2	4	14	60	128	232	533	1,398	2,458	2,275	-
580-589.....	139,566	996	116	128	430	1,835	4,224	6,154	13,964	32,584	45,276	33,850	9
580-581.....	1,361	7	13	6	23	35	45	76	163	355	421	217	-
582-583, 587...	6,494	10	5	9	29	144	230	256	531	1,394	2,163	1,722	1
584-586, 588- 589.....	133,681	983	101	118	395	1,723	4,052	5,905	13,438	31,249	43,361	32,348	8
590.....	2,574	6	4	4	6	45	99	110	194	421	800	884	1
600.....	1,904	-	-	-	-	-	-	9	60	340	745	750	-
630-676.....	375	...	...	1	126	173	74	1	...	...	...	...	-
630-638.....	73	...	...	1	24	35	13	-	...	...	...	...	-
640-676.....	312	...	...	-	106	143	62	1	...	...	...	...	-
740-759.....	16,954	8,448	1,067	580	631	713	778	763	950	1,152	1,224	647	1
760-779.....	20,923	20,588	214	60	14	10	11	6	1	7	3	7	2
767-769.....	4,420	4,340	35	23	6	5	4	2	-	3	-	1	1
760-766, 770- 779.....	20,364	20,089	189	42	9	6	8	5	1	4	3	6	2
780-799.....	395,736	8,783	1,587	1,473	3,375	8,629	15,069	19,869	41,354	88,677	114,303	92,513	104

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, 1992

(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.....	634,747	3,991	1,978	2,122	4,782	13,231	26,920	34,513	62,138	126,400	186,819	171,780	73
E800-E949.....	146,522	1,355	2,849	3,798	14,236	15,067	14,242	10,657	12,304	20,989	27,735	23,164	126
E810-E825.....	41,808	168	864	1,912	10,354	8,288	5,908	3,802	2,980	3,408	3,133	959	32
E800-E807, E826-E949....	104,978	1,187	1,986	1,894	3,933	6,838	8,372	6,875	9,344	17,615	24,624	22,216	94
E950-E959.....	30,713	...	...	315	4,710	6,208	6,042	4,040	3,132	3,081	2,445	727	13
E960-E978.....	25,686	338	437	597	8,035	7,372	4,493	2,068	1,012	710	421	148	55
E980-E999.....	3,084	46	36	47	345	783	953	339	181	156	108	60	30
N800-N999.....	192,586	1,665	3,220	4,627	26,859	28,799	24,990	16,255	15,183	22,223	27,184	21,368	213
N800-N848.....	29,975	97	248	464	2,451	2,148	1,786	1,316	1,401	2,871	7,085	10,095	13
N850-N854.....	31,458	305	800	1,273	6,558	5,508	4,209	2,809	2,286	2,711	3,108	1,862	29
N860-N869.....	19,420	69	265	516	4,411	4,062	3,029	1,897	1,499	1,658	1,427	578	9
N870-N897.....	41,593	26	140	828	11,066	10,190	7,027	4,051	2,870	2,766	2,026	565	38
N900-N904.....	3,885	5	14	59	952	892	626	398	260	311	268	98	2
N905-N909.....	3,271	8	34	73	104	237	344	252	316	577	680	645	1
N910-N929.....	1,363	17	31	40	204	206	174	133	119	114	171	152	2
N930-N939.....	13,219	214	197	162	241	401	621	671	1,125	2,303	3,727	3,553	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, 1992

(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.....	3,185	56	240	137	291	427	442	303	325	363	371	226	4
N950-N957.....	1,940	9	31	51	318	333	256	168	168	240	255	111	-
N958-N959.....	30,824	165	477	927	5,696	5,684	4,388	2,933	2,368	2,795	3,154	2,195	42
N960-N995.....	35,664	657	1,361	1,209	4,043	7,458	8,060	4,066	2,655	2,516	2,312	1,220	107
N996-N999.....	24,277	374	215	215	261	491	934	1,623	3,195	6,804	6,903	3,258	4
*042-*044 <u>2</u> /.....	37,196	116	174	113	634	11,367	15,739	6,281	2,036	603	104	15	14

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, 1992

(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 <sub>1</sub> /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	32	23	9	20	16	4	12	7	5	5	4	1
007-009.....	963	466	497	806	381	425	157	85	72	146	76	70
010-018.....	4,236	2,727	1,509	2,593	1,620	973	1,643	1,107	536	1,427	974	453
010-012.....	3,347	2,304	1,043	2,011	1,352	659	1,336	952	384	1,157	837	320
013-018.....	921	440	481	597	277	320	324	163	161	285	144	141
033.....	7	4	3	6	4	2	1	-	1	1	-	1
034-035.....	16	8	8	15	8	7	1	-	1	1	-	1
036.....	226	114	112	188	91	97	38	23	15	35	22	13
038.....	102,074	47,775	54,299	82,785	38,338	44,447	19,289	9,437	9,852	17,682	8,593	9,089
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	5	3	2	5	3	2	-	-	-	-	-	-
070.....	3,301	2,173	1,128	2,517	1,661	856	784	512	272	509	339	170
090-097.....	318	209	109	147	91	56	171	118	53	167	115	52
REM. 001-139 <sub>2</sub> /...	50,019	39,116	10,903	34,432	27,581	6,851	15,587	11,535	4,052	14,982	11,088	3,894
140-208.....	584,984	311,912	273,072	512,069	271,557	240,512	72,915	40,355	32,560	64,480	35,662	28,818

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	9,777	6,448	3,329	8,157	5,240	2,917	1,620	1,208	412	1,416	1,059	357
150-159.....	138,432	73,423	65,009	118,810	62,866	55,944	19,622	10,557	9,065	16,685	8,822	7,863
160-165.....	164,489	104,273	60,216	144,961	90,932	54,029	19,528	13,341	6,187	17,574	12,052	5,522
174-175.....	52,346	402	51,944	46,192	347	45,845	6,154	55	6,099	5,579	50	5,529
179-187.....	75,570	47,447	28,123	64,229	40,011	24,218	11,341	7,436	3,905	10,412	6,954	3,458
188-189.....	26,916	17,439	9,477	24,507	16,000	8,507	2,409	1,439	970	2,133	1,247	886
170-173, 190-199..	181,195	94,556	86,639	159,310	82,832	76,478	21,885	11,724	10,161	19,530	10,497	9,033
204-208.....	23,818	13,222	10,596	21,593	12,005	9,588	2,225	1,217	1,008	1,907	1,016	891
200-203.....	37,516	19,820	17,696	33,450	17,629	15,821	4,066	2,191	1,875	3,583	1,909	1,674
210-239.....	12,939	5,945	6,994	11,370	5,197	6,173	1,569	748	821	1,380	653	727
250.....	169,149	76,662	92,487	141,437	65,476	75,961	27,712	11,186	16,526	24,442	9,567	14,875
260-269.....	30,543	13,794	16,749	25,932	11,304	14,628	4,611	2,490	2,121	4,110	2,222	1,888
280-285.....	42,844	19,366	23,478	35,204	15,598	19,606	7,640	3,768	3,872	6,999	3,426	3,573
320-322.....	2,348	1,270	1,078	1,724	914	810	624	356	268	568	323	245
390-448.....	1,311,304	639,483	671,821	1,143,719	556,171	587,548	167,585	83,312	84,273	149,773	73,293	76,480

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,125,438	560,255	565,183	983,239	488,624	494,615	142,199	71,631	70,568	127,042	62,952	64,090
390-398.....	10,178	3,319	6,859	9,280	3,026	6,254	898	293	605	711	220	491
402.....	38,905	17,125	21,780	28,913	12,422	16,491	9,992	4,703	5,289	9,450	4,400	5,050
404.....	3,479	1,472	2,007	2,451	1,043	1,408	1,028	429	599	976	399	577
410-414.....	594,775	306,642	288,133	537,449	278,270	259,179	57,326	28,372	28,954	50,447	24,300	26,147
410.....	261,737	140,319	121,418	234,703	126,612	108,091	27,034	13,707	13,327	23,949	11,822	12,127
411.....	6,886	3,802	3,084	5,983	3,280	2,703	903	522	381	803	453	350
413.....	5,492	2,491	3,001	5,090	2,321	2,769	402	170	232	356	146	210
412, 414.....	437,785	223,514	214,271	398,379	204,232	194,147	39,406	19,282	20,124	34,331	16,288	18,043
424.....	31,149	13,873	17,276	28,852	12,769	16,083	2,297	1,104	1,193	1,988	937	1,051
415-423, 425-429.	823,041	401,469	421,572	714,333	346,946	367,387	108,708	54,523	54,185	96,646	47,757	48,889
401, 403.....	125,088	52,203	72,885	101,484	41,886	59,598	23,604	10,317	13,287	21,281	9,159	12,122
430-438.....	255,418	105,382	150,036	220,649	89,866	130,783	34,769	15,516	19,253	30,682	13,472	17,210
431-432.....	29,973	14,131	15,842	24,627	11,374	13,253	5,346	2,757	2,589	4,442	2,314	2,128
434 0, 434 9. . .	25,772	10,449	15,323	22,266	8,891	13,375	3,506	1,558	1,948	3,131	1,377	1,754

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, 1992

(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 <sup>1</sup> /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.1.....	2,112	821	1,291	1,894	725	1,169	218	96	122	177	74	103
430, 433, 435-438	204,727	82,804	121,923	178,116	71,304	106,812	26,611	11,500	15,111	23,696	10,027	13,669
440.....	82,269	34,947	47,322	74,647	31,618	43,029	7,622	3,329	4,293	6,798	2,873	3,925
441-448.....	48,700	26,785	21,915	43,788	24,311	19,477	4,912	2,474	2,438	4,329	2,127	2,202
466.....	2,115	1,090	1,025	1,927	974	953	188	116	72	167	99	68
480-487.....	196,364	99,980	96,384	174,065	87,348	86,717	22,299	12,632	9,667	19,253	10,852	8,401
480-486.....	194,959	99,475	95,484	172,733	86,876	85,857	22,226	12,599	9,627	19,198	10,827	8,371
487.....	1,405	505	900	1,332	472	860	73	33	40	55	25	30
490-496.....	210,582	122,067	88,515	194,810	112,096	82,714	15,772	9,971	5,801	13,822	8,694	5,128
490-491.....	8,124	4,078	4,046	7,509	3,748	3,761	615	330	285	520	282	238
492.....	32,987	20,104	12,883	30,840	18,571	12,269	2,147	1,533	614	1,874	1,340	534
493.....	10,762	4,136	6,626	8,634	3,258	5,376	2,128	878	1,250	1,851	736	1,115
494-496.....	159,750	94,244	65,506	148,764	86,960	61,804	10,986	7,284	3,702	9,667	6,381	3,286
531-533.....	16,086	8,069	8,017	14,323	7,091	7,232	1,763	978	785	1,454	787	667
540-543.....	841	474	367	687	384	303	154	90	64	136	78	58

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
550-553, 560.....	19,308	7,327	11,981	16,938	6,197	10,741	2,370	1,130	1,240	2,188	1,033	1,155
571.....	39,002	25,530	13,472	32,883	21,544	11,339	6,119	3,986	2,133	5,060	3,348	1,712
574-575.....	7,102	3,057	4,045	6,286	2,743	3,543	816	314	502	673	242	431
580-589.....	123,034	64,659	58,375	101,943	53,970	47,973	21,091	10,689	10,402	18,896	9,529	9,367
580-581.....	1,160	617	543	950	501	449	210	116	94	187	101	86
582-583, 587...	5,205	2,911	2,294	4,076	2,261	1,815	1,129	650	479	1,048	610	438
584-586, 588-589.....	118,072	61,896	56,176	98,048	51,806	46,242	20,024	10,090	9,934	17,910	8,974	8,936
590.....	2,448	870	1,578	2,113	733	1,380	335	137	198	302	126	176
600.....	1,903	1,903	...	1,702	1,702	...	201	201	...	169	169	...
630-676.....	375	...	375	191	...	191	184	...	184	163	...	163
630-638.....	71	...	71	35	...	35	36	...	36	34	...	34
640-676.....	312	...	312	159	...	159	153	...	153	134	...	134
740-759.....	16,861	8,973	7,888	13,587	7,242	6,345	3,274	1,731	1,543	2,732	1,451	1,281
760-779.....	20,893	11,686	9,207	12,875	7,199	5,676	8,018	4,487	3,531	7,440	4,157	3,283
767-769.....	4,401	2,535	1,866	2,908	1,675	1,233	1,493	860	633	1,374	793	581

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-766, 770-779.....	20,348	11,377	8,971	12,490	6,984	5,506	7,858	4,393	3,465	7,300	4,075	3,225
780-799.....	390,898	195,306	195,592	337,078	166,465	170,613	53,820	28,841	24,979	47,362	25,202	22,160
RESIDUAL.....	603,696	288,563	315,133	523,319	246,912	276,407	80,377	41,651	38,726	71,310	36,616	34,694
E800-E949.....	146,521	88,066	58,455	125,438	74,486	50,952	21,083	13,580	7,503	17,678	11,346	6,332
EB10-E825.....	41,808	28,552	13,256	35,145	23,901	11,244	6,663	4,651	2,012	5,167	3,674	1,493
E800-E807, E826-E949.....	104,977	59,701	45,276	90,516	50,741	39,775	14,461	8,960	5,501	12,541	7,695	4,846
E950-E959.....	30,713	24,627	6,086	27,820	22,285	5,535	2,893	2,342	551	2,157	1,810	347
E960-E978.....	25,686	20,256	5,430	12,595	9,544	3,051	13,091	10,712	2,379	12,378	10,176	2,202
E980-E999.....	3,084	2,231	853	2,381	1,696	685	703	535	168	630	480	150
N800-N999.....	192,586	127,978	64,608	156,354	101,699	54,655	36,232	26,279	9,953	31,528	23,063	8,465
N800-N848.....	29,975	14,552	15,423	27,315	12,937	14,378	2,660	1,615	1,045	2,158	1,315	843
N850-N854.....	31,458	22,401	9,057	26,063	18,448	7,615	5,395	3,953	1,442	4,496	3,344	1,152
N860-N869.....	19,420	14,260	5,160	15,290	10,985	4,305	4,130	3,275	855	3,536	2,862	674
N870-N897.....	41,593	34,970	6,623	28,118	23,475	4,643	13,475	11,495	1,980	12,570	10,761	1,809

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904 . . . . .	3,885	2,959	926	2,740	2,006	734	1,145	953	192	1,035	875	160
N905-N909 . . . . .	3,271	1,944	1,327	2,832	1,640	1,192	439	304	135	379	264	115
N910-N929 . . . . .	1,363	941	422	1,154	802	352	209	139	70	171	110	61
N930-N939 . . . . .	13,219	7,139	6,080	11,192	5,978	5,214	2,027	1,161	866	1,798	1,003	795
N940-N949 . . . . .	3,185	2,119	1,066	2,326	1,576	750	859	543	316	781	496	285
N950-N957 . . . . .	1,940	1,437	503	1,470	1,053	417	470	384	86	419	346	73
N958-N959 . . . . .	30,824	20,780	10,044	25,306	16,855	8,451	5,518	3,925	1,593	4,504	3,257	1,247
N960-N995 . . . . .	35,664	25,036	10,628	28,594	20,186	8,408	7,070	4,850	2,220	5,923	4,074	1,849
N996-N999 . . . . .	24,277	13,253	11,024	21,164	11,678	9,486	3,113	1,575	1,538	2,738	1,364	1,374
*042-*044 <sup>3/</sup> . . . . .	37,196	32,423	4,773	24,191	22,215	1,976	13,005	10,208	2,797	12,703	9,938	2,765

<sup>1/</sup> INCLUDES BLACK  
<sup>2/</sup> INCLUDES \*042-\*044 (HIV INFECTION) SHOWN SEPARATELY BELOW  
<sup>3/</sup> 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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES.....	2,175,613	1,122,336	1,053,277	1,873,781	956,957	916,824	301,832	165,379	136,453	269,219	146,630	122,589
004, 006.....	14	12	2	10	8	2	4	4	-	2	2	-
007-009.....	529	255	274	430	205	225	99	50	49	94	47	47
010-018.....	1,705	1,059	646	994	602	392	711	457	254	612	400	212
010-012.....	1,315	853	462	780	488	292	535	365	170	463	323	140
013-018.....	390	206	184	214	114	100	176	92	84	149	77	72
033.....	5	3	2	4	3	1	1	-	1	1	-	1
034-035.....	5	2	3	4	2	2	1	-	1	1	-	1
036.....	201	98	103	167	79	88	34	19	15	31	18	13
038.....	19,667	8,527	11,140	15,792	6,735	9,057	3,875	1,792	2,083	3,607	1,668	1,939
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	4	2	2	4	2	2	-	-	-	-	-	-
070.....	2,001	1,249	752	1,614	1,015	599	387	234	153	256	155	101
090-097 ..	91	60	31	43	23	20	48	37	11	46	36	10
REM 001-139 <sup>2/</sup>	40,396	33,057	7,339	27,106	23,023	4,083	13,290	10,034	3,256	12,855	9,698	3,157

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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208.....	520,578	274,838	245,740	454,531	238,499	216,032	66,047	36,339	29,708	58,401	32,155	26,246
140-149.....	8,107	5,366	2,741	6,676	4,283	2,393	1,431	1,083	348	1,248	949	299
150-159.....	122,873	64,996	57,877	105,107	55,440	49,667	17,766	9,556	8,210	15,090	7,999	7,091
160-165.....	151,269	95,382	55,887	133,129	83,000	50,129	18,140	12,382	5,758	16,338	11,198	5,140
174-175.....	43,365	297	43,068	38,053	256	37,797	5,312	41	5,271	4,816	37	4,779
179-187.....	60,050	34,821	25,229	50,613	28,953	21,660	9,437	5,868	3,569	8,688	5,538	3,150
188-189.....	21,643	13,741	7,902	19,667	12,575	7,092	1,976	1,166	810	1,748	1,008	740
170-173, 190-199.....	62,887	33,456	29,431	56,166	30,012	26,154	6,721	3,444	3,277	5,898	3,035	2,863
204-208.....	19,272	10,609	8,663	17,405	9,595	7,810	1,867	1,014	853	1,587	840	747
200-203.....	31,112	16,170	14,942	27,715	14,385	13,330	3,397	1,785	1,612	2,988	1,551	1,437
210-239.....	7,070	3,256	3,814	6,191	2,843	3,348	879	413	466	778	360	418
250.....	50,067	21,672	28,395	40,442	17,951	22,491	9,625	3,721	5,904	8,653	3,271	5,382
260-269.....	3,135	1,089	2,046	2,642	872	1,770	493	217	276	445	195	250
280-285.....	4,246	1,825	2,421	3,241	1,349	1,892	1,005	476	529	947	450	497
320-322.....	798	402	396	569	280	289	229	122	107	204	107	97

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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-448.....	913,908	439,307	474,601	803,996	385,803	418,193	109,912	53,504	56,408	98,295	46,966	51,329
390-398, 402, 404-429.....	717,706	357,545	360,161	633,487	315,483	318,004	84,219	42,062	42,157	75,600	37,040	38,560
390-398.....	5,702	1,714	3,988	5,161	1,537	3,624	541	177	364	431	131	300
402.....	21,853	9,211	12,642	15,685	6,312	9,373	6,168	2,899	3,269	5,854	2,724	3,130
404.....	2,492	1,024	1,468	1,743	701	1,042	749	323	426	707	294	413
410-414.....	480,051	246,913	233,138	434,078	224,109	209,969	45,973	22,804	23,169	40,397	19,507	20,890
410.....	229,383	123,121	106,262	206,629	111,528	95,101	22,754	11,593	11,161	20,104	9,970	10,134
411.....	3,179	1,770	1,409	2,699	1,495	1,204	480	275	205	428	237	191
413.....	1,003	433	570	912	394	518	91	39	52	82	35	47
412, 414...	246,486	121,589	124,897	223,838	110,692	113,146	22,648	10,897	11,751	19,783	9,265	10,518
424.....	14,359	6,051	8,308	13,251	5,512	7,739	1,108	539	569	984	467	517
415-423, 425-429.....	193,249	92,632	100,617	163,569	77,312	86,257	29,680	15,320	14,360	27,227	13,917	13,310
401, 403.....	10,265	4,285	5,980	7,750	3,228	4,522	2,515	1,057	1,458	2,327	969	1,358
430-438.....	143,769	56,645	87,124	124,371	48,073	76,298	19,398	8,572	10,826	17,044	7,421	9,623

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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	21,118	9,639	11,479	17,325	7,682	9,643	3,793	1,957	1,836	3,139	1,627	1,512
434.0, 434.9.	15,583	6,061	9,522	13,615	5,199	8,416	1,968	862	1,106	1,760	753	1,007
434.1.....	630	233	397	562	207	355	68	26	42	56	19	37
430, 433, 435-438.....	106,438	40,712	65,726	92,869	34,985	57,884	13,569	5,727	7,842	12,089	5,022	7,067
440.....	16,831	6,328	10,503	15,493	5,756	9,737	1,338	572	766	1,209	504	705
441-448.....	25,337	14,504	10,833	22,895	13,263	9,632	2,442	1,241	1,201	2,115	1,032	1,083
466.....	577	282	295	500	239	261	77	43	34	71	38	33
480-487.....	75,719	35,465	40,254	67,456	30,951	36,505	8,263	4,514	3,749	7,074	3,822	3,252
480-486.....	74,713	35,127	39,586	66,502	30,637	35,865	8,211	4,490	3,721	7,034	3,804	3,230
487.....	1,006	338	668	954	314	640	52	24	28	40	18	22
490-496.....	91,938	50,465	41,473	85,231	46,355	38,876	6,707	4,110	2,597	5,857	3,569	2,288
490-491.....	3,664	1,819	1,845	3,421	1,685	1,736	243	134	109	204	115	89
492.....	16,363	9,422	6,941	15,405	8,745	6,660	958	677	281	831	585	246
493.....	4,964	1,869	3,095	3,789	1,362	2,427	1,175	507	668	1,036	433	603
494-496.....	66,947	37,355	29,592	62,616	34,563	28,053	4,331	2,792	1,539	3,786	2,436	1,350

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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
531-533.....	6,128	2,924	3,204	5,452	2,539	2,913	676	385	291	568	323	245
540-543.....	413	244	169	326	196	130	87	48	39	76	41	35
550-553, 560.....	6,073	2,241	3,832	5,291	1,879	3,412	782	362	420	724	326	398
571.....	25,263	16,487	8,776	21,286	13,910	7,376	3,977	2,577	1,400	3,315	2,181	1,134
574-575.....	2,915	1,252	1,663	2,589	1,140	1,449	326	112	214	275	92	183
580-589.....	22,162	10,816	11,346	17,903	8,784	9,119	4,259	2,032	2,227	3,889	1,850	2,039
580-581.....	304	143	161	252	119	133	52	24	28	44	18	26
582-583, 587....	1,503	776	727	1,200	611	589	303	165	138	279	152	127
584-586, 588-589.....	20,355	9,897	10,458	16,451	8,054	8,397	3,904	1,843	2,061	3,566	1,680	1,886
590.....	1,083	327	756	946	277	669	137	50	87	119	44	75
600.....	397	397	...	358	358	...	39	39	...	36	36	...
630-676.....	318	...	318	161	...	161	157	...	157	140	...	140
630-638.....	52	...	52	25	...	25	27	...	27	26	...	26
640-676.....	266	...	266	136	...	136	130	...	130	114	...	114
740-759.....	12,491	6,625	5,866	9,890	5,254	4,636	2,601	1,371	1,230	2,167	1,152	1,015

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, 1992

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-779.....	15,730	8,817	6,913	9,168	5,128	4,040	6,562	3,689	2,873	6,176	3,469	2,707
767-769.....	2,929	1,699	1,230	1,898	1,098	800	1,031	601	430	960	560	400
760-766, 770-779.....	12,801	7,118	5,683	7,270	4,030	3,240	5,531	3,088	2,443	5,216	2,909	2,307
780-799.....	23,430	12,580	10,850	17,959	9,424	8,535	5,471	3,156	2,315	4,976	2,856	2,120
RESIDUAL.....	180,901	82,152	98,749	156,775	70,166	86,609	24,126	11,986	12,140	21,648	10,671	10,977
E800-E949.....	86,777	57,862	28,915	72,392	47,879	24,513	14,385	9,983	4,402	11,820	8,238	3,582
E810-E825.....	40,982	27,982	13,000	34,439	23,415	11,024	6,543	4,567	1,976	5,071	3,607	1,464
E800-E807, E826-E949.....	45,795	29,880	15,915	37,953	24,464	13,489	7,842	5,416	2,426	6,749	4,631	2,118
E950-E959.....	30,484	24,457	6,027	27,611	22,126	5,485	2,873	2,331	542	2,143	1,803	340
E960-E978.....	25,488	20,115	5,373	12,468	9,456	3,012	13,020	10,659	2,361	12,318	10,131	2,187
E980-E999.....	2,906	2,115	791	2,239	1,602	637	667	513	154	599	460	139
*O42-*O44 <sup>3/</sup> .....	33,566	29,325	4,241	21,921	20,161	1,760	11,645	9,164	2,481	11,378	8,925	2,453

<sup>1/</sup> INCLUDES BLACK  
<sup>2/</sup> INCLUDES \*O42-\*O44 (HIV INFECTION) SHOWN SEPARATELY BELOW.  
<sup>3/</sup> 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, 1992

(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.....	18	11	7	10	8	2	8	3	5	3	2	1
007-009.....	435	212	223	377	177	200	58	35	23	52	29	23
010-018.....	2,532	1,668	864	1,599	1,018	581	933	650	283	816	574	242
010-012.....	2,032	1,451	581	1,231	864	367	801	587	214	694	514	180
013-018.....	534	236	298	383	163	220	151	73	78	139	69	70
033.....	2	1	1	2	1	1	-	-	-	-	-	-
034-035.....	11	6	5	11	6	5	-	-	-	-	-	-
036.....	25	16	9	21	12	9	4	4	-	4	4	-
038.....	82,408	39,248	43,160	66,993	31,603	35,390	15,415	7,645	7,770	14,076	6,925	7,151
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	1	1	-	1	1	-	-	-	-	-	-	-
070.....	1,300	924	376	903	646	257	397	278	119	253	184	69
090-097.....	227	149	78	104	68	36	123	81	42	121	79	42
REM 001 - 139 <u>2/</u> ..	9,636	6,066	3,570	7,335	4,562	2,773	2,301	1,504	797	2,131	1,393	738
140-208.....	64,407	37,075	27,332	57,539	33,059	24,480	6,868	4,016	2,852	6,079	3,507	2,572

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, 1992

(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.....	1,670	1,082	588	1,481	957	524	189	125	64	168	110	58
150-159.....	15,559	8,427	7,132	13,703	7,426	6,277	1,856	1,001	855	1,595	823	772
160-165.....	13,222	8,892	4,330	11,833	7,933	3,900	1,389	959	430	1,237	854	383
174-175.....	8,981	105	8,876	8,139	91	8,048	842	14	828	763	13	750
179-187.....	15,520	12,626	2,894	13,616	11,058	2,558	1,904	1,568	336	1,724	1,416	308
188-189.....	5,273	3,698	1,575	4,840	3,425	1,415	433	273	160	385	239	146
170-173, 190-199..	118,308	61,100	57,208	103,144	52,820	50,324	15,164	8,280	6,884	13,632	7,462	6,170
204-208.....	4,546	2,613	1,933	4,188	2,410	1,778	358	203	155	320	176	144
200-203.....	6,405	3,651	2,754	5,736	3,245	2,491	669	406	263	595	358	237
210-239.....	5,870	2,689	3,181	5,180	2,354	2,826	690	335	355	602	293	309
250.....	119,082	54,990	64,092	100,995	47,525	53,470	18,087	7,465	10,622	15,789	6,296	9,493
260-269.....	27,429	12,713	14,716	23,306	10,436	12,870	4,123	2,277	1,846	3,669	2,030	1,639
280-285.....	38,598	17,541	21,057	31,963	14,249	17,714	6,635	3,292	3,343	6,052	2,976	3,076
320-322.....	1,550	868	682	1,155	634	521	395	234	161	364	216	148
390-448.....	397,578	200,264	197,314	339,869	170,442	169,427	57,709	29,822	27,887	51,513	26,341	25,172

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE B

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE  
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1992

(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.....	407,767	202,736	205,031	349,779	173,159	176,620	57,988	29,577	28,411	51,450	25,920	25,530
390-398.....	4,481	1,605	2,876	4,123	1,489	2,634	358	116	242	281	89	192
402.....	17,323	7,996	9,327	13,445	6,172	7,273	3,878	1,824	2,054	3,647	1,694	1,953
404.....	1,411	620	791	1,041	475	566	370	145	225	352	136	216
410-414.....	114,727	59,730	54,997	103,374	54,162	49,212	11,353	5,568	5,785	10,050	4,793	5,257
410.....	32,358	17,200	15,158	28,078	15,086	12,992	4,280	2,114	2,166	3,845	1,852	1,993
411.....	3,708	2,032	1,676	3,285	1,785	1,500	423	247	176	375	216	159
413.....	4,489	2,058	2,431	4,178	1,927	2,251	311	131	180	274	111	163
412, 414.....	191,301	101,926	89,375	174,543	93,541	81,002	16,758	8,385	8,373	14,548	7,023	7,525
424.....	16,790	7,822	8,968	15,601	7,257	8,344	1,189	565	624	1,004	470	534
415-423, 425- 429.....	629,835	308,865	320,970	550,735	269,653	281,142	79,040	39,212	39,828	69,431	33,849	35,582
401, 403.....	114,921	47,964	66,957	93,816	38,699	55,117	21,105	9,265	11,840	18,970	8,195	10,775
430-438.....	111,653	48,738	62,915	96,281	41,794	54,487	15,372	6,944	8,428	13,639	6,051	7,588
431-432.....	8,881	4,501	4,380	7,325	3,699	3,626	1,556	802	754	1,304	688	616

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9.....	10,189	4,388	5,801	8,651	3,692	4,959	1,538	696	842	1,371	624	747
434.1.....	1,482	588	894	1,332	518	814	150	70	80	121	55	66
430, 433, 435-438.....	98,301	42,098	56,203	85,256	36,324	48,932	13,045	5,774	7,271	11,609	5,005	6,604
440.....	65,441	28,620	36,821	59,157	25,863	33,294	6,284	2,757	3,527	5,589	2,369	3,220
441-448.....	23,861	12,513	11,348	21,311	11,252	10,059	2,550	1,261	1,289	2,286	1,119	1,167
466.....	1,541	809	732	1,430	736	694	111	73	38	96	61	35
480-487.....	120,652	64,520	56,132	106,614	56,401	50,213	14,038	8,119	5,919	12,181	7,031	5,150
480-486.....	120,253	64,353	55,900	106,236	56,243	49,993	14,017	8,110	5,907	12,166	7,024	5,142
487.....	399	167	232	378	158	220	21	9	12	15	7	8
490-496.....	118,645	71,603	47,042	109,580	65,742	43,838	9,065	5,861	3,204	7,965	5,125	2,840
490-491.....	4,460	2,259	2,201	4,088	2,063	2,025	372	196	176	316	167	149
492.....	16,627	10,684	5,943	15,438	9,828	5,610	1,189	856	333	1,043	755	288
493.....	5,824	2,280	3,544	4,868	1,907	2,961	956	373	583	817	305	512
494-496.....	92,819	56,895	35,924	86,162	52,403	33,759	6,657	4,492	2,165	5,882	3,945	1,937
531-533.....	9,959	5,145	4,814	8,872	4,552	4,320	1,087	593	494	886	464	422

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	428	230	198	361	188	173	67	42	25	60	37	23
550-553, 560.....	13,236	5,087	8,149	11,648	4,319	7,329	1,588	768	820	1,464	707	757
571.....	14,046	9,264	4,782	11,811	7,786	4,025	2,235	1,478	757	1,825	1,225	600
574-575.....	4,188	1,805	2,383	3,697	1,603	2,094	491	202	289	399	150	249
580-589.....	100,891	53,855	47,036	84,052	45,194	38,858	16,839	8,661	8,178	15,014	7,683	7,331
580-581.....	859	474	385	700	382	318	159	92	67	144	83	61
582-583, 587.....	3,724	2,152	1,572	2,894	1,664	1,230	830	488	342	773	461	312
584-586, 588-589..	97,727	52,004	45,723	81,603	43,754	37,849	16,124	8,250	7,874	14,347	7,296	7,051
590.....	1,371	545	826	1,172	457	715	199	88	111	184	83	101
600.....	1,506	1,506	...	1,344	1,344	...	162	162	...	133	133	...
630-676.....	57	...	57	30	...	30	27	...	27	23	...	23
630-638.....	19	...	19	10	...	10	9	...	9	8	...	8
640-676.....	46	...	46	23	...	23	23	...	23	20	...	20
740-759.....	4,397	2,363	2,034	3,723	2,002	1,721	674	361	313	566	300	266
760-779.....	5,164	2,870	2,294	3,708	2,072	1,636	1,456	798	658	1,264	688	576

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, 1992

(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.....	1,472	836	636	1,010	577	433	462	259	203	414	233	181
760-766, 770-779..	7,548	4,260	3,288	5,221	2,955	2,266	2,327	1,305	1,022	2,084	1,166	918
780-799.....	367,469	182,726	184,743	319,120	157,041	162,079	48,349	25,685	22,664	42,386	22,346	20,040
RESIDUAL.....	422,866	206,442	216,424	366,600	176,772	189,828	56,266	29,670	26,596	49,674	25,948	23,726
E800-E949.....	59,758	30,211	29,547	53,060	26,614	26,446	6,698	3,597	3,101	5,858	3,108	2,750
E810-E815.....	828	572	256	708	488	220	120	84	36	96	67	29
E800-E807, E816- E949.....	59,194	29,826	29,368	52,575	26,282	26,293	6,619	3,544	3,075	5,792	3,064	2,728
E950-E959.....	230	171	59	210	160	50	20	11	9	14	7	7
E960-E978.....	199	142	57	127	88	39	72	54	18	61	46	15
E980-E999.....	179	116	63	143	94	49	36	22	14	31	20	11
N800-N999.....	192,586	127,978	64,608	156,354	101,699	54,655	36,232	26,279	9,953	31,528	23,063	8,465
N800-N848.....	29,975	14,552	15,423	27,315	12,937	14,378	2,660	1,615	1,045	2,158	1,315	843
N850-N854.....	31,458	22,401	9,057	26,063	18,448	7,615	5,395	3,953	1,442	4,496	3,344	1,152
N860-N869.....	19,420	14,260	5,160	15,290	10,985	4,305	4,130	3,275	855	3,536	2,862	674
N870-N897.....	41,593	34,970	6,623	28,118	23,475	4,643	13,475	11,495	1,980	12,570	10,761	1,809

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE B

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE  
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1992

(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 . . . . .	3,885	2,959	926	2,740	2,006	734	1,145	953	192	1,035	875	160
N905-N909 . . . . .	3,271	1,944	1,327	2,832	1,640	1,192	439	304	135	379	264	115
N910-N929 . . . . .	1,363	941	422	1,154	802	352	209	139	70	171	110	61
N930-N939 . . . . .	13,219	7,139	6,080	11,192	5,978	5,214	2,027	1,161	866	1,798	1,003	795
N940-N949 . . . . .	3,185	2,119	1,066	2,326	1,576	750	859	543	316	781	496	285
N950-N957 . . . . .	1,940	1,437	503	1,470	1,053	417	470	384	86	419	346	73
N958-N959 . . . . .	30,824	20,780	10,044	25,306	16,855	8,451	5,518	3,925	1,593	4,504	3,257	1,247
N960-N995 . . . . .	35,664	25,036	10,628	28,594	20,186	8,408	7,070	4,850	2,220	5,923	4,074	1,849
N996-N999 . . . . .	24,277	13,253	11,024	21,164	11,678	9,486	3,113	1,575	1,538	2,738	1,364	1,374
*042-*044 <u>3/</u> . . . . .	3,681	3,138	543	2,309	2,083	226	1,372	1,055	317	1,337	1,024	313

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 9

NUMBER OF RESIDENT DEATHS TABULATED BY  
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	32	23	9	20	16	4	12	7	5	5	4	1
007-009.....	1,270	751	519	1,062	623	439	208	128	80	195	117	78
010-018.....	4,676	3,101	1,575	2,802	1,807	995	1,874	1,294	580	1,653	1,156	497
010-012.....	3,710	2,611	1,099	2,175	1,496	679	1,535	1,115	420	1,346	991	355
013-018.....	1,004	512	492	646	324	322	358	188	170	324	173	151
033.....	7	4	3	6	4	2	1	-	1	1	-	1
034-035.....	16	8	8	15	8	7	1	-	1	1	-	1
036.....	226	114	112	188	91	97	38	23	15	35	22	13
038.....	104,180	49,438	54,742	84,068	39,368	44,700	20,112	10,070	10,042	18,489	9,212	9,277
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	5	3	2	5	3	2	-	-	-	-	-	-
070.....	3,301	2,173	1,128	2,517	1,661	856	784	512	272	509	339	170
090-097.....	318	209	109	147	91	56	171	118	53	167	115	52
REM. 001-139 <sup>2/</sup>	50,606	39,394	11,212	34,905	27,799	7,106	15,701	11,595	4,106	15,087	11,143	3,944
140-208.....	588,149	314,994	273,155	514,757	274,199	240,558	73,392	40,795	32,597	64,916	36,061	28,855

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	9,777	6,448	3,329	8,157	5,240	2,917	1,620	1,208	412	1,416	1,059	357
150-159.....	138,433	73,424	65,009	118,811	62,867	55,944	19,622	10,557	9,065	16,685	8,822	7,863
160-165.....	164,489	104,273	60,216	144,961	90,932	54,029	19,528	13,341	6,187	17,574	12,052	5,522
174-175.....	52,346	402	51,944	46,192	347	45,845	6,154	55	6,099	5,579	50	5,529
179-187.....	75,570	47,447	28,123	64,229	40,011	24,218	11,341	7,436	3,905	10,412	6,954	3,458
188-189.....	26,916	17,439	9,477	24,507	16,000	8,507	2,409	1,439	970	2,133	1,247	886
170-173, 190-199.....	183,812	96,929	86,883	161,539	84,855	76,684	22,273	12,074	10,199	19,879	10,812	9,067
204-208.....	23,818	13,222	10,596	21,593	12,005	9,588	2,225	1,217	1,008	1,907	1,016	891
200-203.....	38,700	20,939	17,761	34,456	18,594	15,862	4,244	2,345	1,899	3,747	2,049	1,698
210-239.....	13,367	6,182	7,185	11,764	5,415	6,349	1,603	767	836	1,412	670	742
250.....	169,149	76,662	92,487	141,437	65,476	75,961	27,712	11,186	16,526	24,442	9,567	14,875
260-269.....	31,314	14,200	17,114	26,569	11,632	14,937	4,745	2,568	2,177	4,229	2,288	1,941
280-285.....	42,922	19,418	23,504	35,262	15,638	19,624	7,660	3,780	3,880	7,018	3,437	3,581
320-322.....	2,369	1,281	1,088	1,738	920	818	631	361	270	573	326	247
390-448.....	1,313,048	640,340	672,708	1,145,119	556,880	588,239	167,929	83,460	84,469	150,094	73,432	76,662

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, 1992

(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 <sup>1</sup> / <sub>2</sub>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,125,732	560,422	565,310	983,483	488,756	494,727	142,249	71,666	70,583	127,091	62,986	64,105
390-398.....	10,184	3,319	6,865	9,284	3,026	6,258	900	293	607	713	220	493
402.....	33,879	15,403	18,476	24,808	11,073	13,735	9,071	4,330	4,741	8,566	4,041	4,525
404.....	316	136	180	260	117	143	56	19	37	54	18	36
410-414.....	594,775	306,642	288,133	537,449	278,270	259,179	57,326	28,372	28,954	50,447	24,300	26,147
410.....	261,738	140,320	121,418	234,704	126,613	108,091	27,034	13,707	13,327	23,949	11,822	12,127
411.....	6,886	3,802	3,084	5,983	3,280	2,703	903	522	381	803	453	350
413.....	5,492	2,491	3,001	5,090	2,321	2,769	402	170	232	356	146	210
412, 414...	437,785	223,514	214,271	398,379	204,232	194,147	39,406	19,282	20,124	34,331	16,288	18,043
424.....	31,201	13,898	17,303	28,899	12,791	16,108	2,302	1,107	1,195	1,993	940	1,053
415-423, 425- 429.....	829,569	404,131	425,438	719,634	349,085	370,549	109,935	55,046	54,889	97,827	48,253	49,574
401, 403.....	136,301	56,467	79,834	109,973	45,031	64,942	26,328	11,436	14,892	23,864	10,212	13,652
430-438.....	255,487	105,413	150,074	220,715	89,894	130,821	34,772	15,519	19,253	30,684	13,474	17,210
431-432.....	30,776	14,433	16,343	25,311	11,641	13,670	5,465	2,792	2,673	4,533	2,339	2,194

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9.	25,974	10,525	15,449	22,449	8,957	13,492	3,525	1,568	1,957	3,147	1,385	1,762
434.1.....	2,112	821	1,291	1,894	725	1,169	218	96	122	177	74	103
430,433, 435-438.....	210,353	85,173	125,180	182,965	73,327	109,638	27,388	11,846	15,542	24,355	10,314	14,041
440.....	89,778	38,277	51,501	81,577	34,703	46,874	8,201	3,574	4,627	7,278	3,061	4,217
441-448.....	56,057	30,525	25,532	49,904	27,560	22,344	6,153	2,965	3,188	5,462	2,567	2,895
466.....	2,327	1,195	1,132	2,121	1,066	1,055	206	129	77	183	110	73
480-487.....	201,526	103,739	97,787	177,925	90,127	87,798	23,601	13,612	9,989	20,493	11,786	8,707
480-486.....	200,568	103,393	97,175	177,014	89,802	87,212	23,554	13,591	9,963	20,458	11,771	8,687
487.....	1,405	505	900	1,332	472	860	73	33	40	55	25	30
490-496.....	210,652	122,100	88,552	194,870	112,123	82,747	15,782	9,977	5,805	13,830	8,699	5,131
490-491.....	8,165	4,097	4,068	7,545	3,764	3,781	620	333	287	525	285	240
492.....	34,381	20,909	13,472	32,157	19,320	12,837	2,224	1,589	635	1,937	1,386	551
493.....	10,888	4,202	6,686	8,751	3,316	5,435	2,137	886	1,251	1,858	743	1,115
494-496.....	167,608	98,393	69,215	156,003	90,752	65,251	11,605	7,641	3,964	10,204	6,689	3,515
531-533.....	16,091	8,072	8,019	14,328	7,094	7,234	1,763	978	785	1,454	787	667

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	841	474	367	687	384	303	154	90	64	136	78	58
550-553, 560.....	19,308	7,327	11,981	16,938	6,197	10,741	2,370	1,130	1,240	2,188	1,033	1,155
571.....	38,924	25,473	13,451	32,821	21,497	11,324	6,103	3,976	2,127	5,047	3,340	1,707
574-575.....	7,112	3,061	4,051	6,294	2,747	3,547	818	314	504	675	242	433
580-589.....	139,566	72,079	67,487	114,125	59,479	54,646	25,441	12,600	12,841	22,863	11,244	11,619
580-581.....	1,361	685	676	1,108	562	546	253	123	130	218	104	114
582-583, 587...	6,494	3,508	2,986	5,082	2,740	2,342	1,412	768	644	1,290	709	581
584-586, 588-589.....	133,681	68,897	64,784	109,515	56,970	52,545	24,166	11,927	12,239	21,707	10,632	11,075
590.....	2,574	905	1,669	2,213	759	1,454	361	146	215	323	132	191
600.....	1,904	1,904	...	1,703	1,703	...	201	201	...	169	169	...
630-676.....	375	...	375	191	...	191	184	...	184	163	...	163
630-638.....	73	...	73	35	...	35	38	...	38	36	...	36
640-676.....	312	...	312	159	...	159	153	...	153	134	...	134
740-759.....	16,954	9,021	7,933	13,673	7,285	6,388	3,281	1,736	1,545	2,738	1,455	1,283
760-779.....	20,923	11,706	9,217	12,895	7,213	5,682	8,028	4,493	3,535	7,449	4,162	3,287

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
767-769.....	4,420	2,546	1,874	2,919	1,682	1,237	1,501	864	637	1,382	797	585
760-766, 770-779.....	20,364	11,388	8,976	12,502	6,992	5,510	7,862	4,396	3,466	7,303	4,077	3,226
780-799.....	395,736	197,354	198,382	341,008	168,154	172,854	54,728	29,200	25,528	48,193	25,522	22,671
RESIDUAL.....	634,747	304,025	330,722	549,064	259,686	289,378	85,683	44,339	41,344	76,046	38,990	37,056
E800-E949.....	146,522	88,066	58,456	125,439	74,486	50,953	21,083	13,580	7,503	17,678	11,346	6,332
E810-E825.....	41,808	28,552	13,256	35,145	23,901	11,244	6,663	4,651	2,012	5,167	3,674	1,493
E800-E807, E826-E949....	104,978	59,701	45,277	90,517	50,741	39,776	14,461	8,960	5,501	12,541	7,695	4,846
E950-E959.....	30,713	24,627	6,086	27,820	22,285	5,535	2,893	2,342	551	2,157	1,810	347
E960-E978.....	25,686	20,256	5,430	12,595	9,544	3,051	13,091	10,712	2,379	12,378	10,176	2,202
E980-E999.....	3,084	2,231	853	2,381	1,696	685	703	535	168	630	480	150
N800-N999.....	192,586	127,978	64,608	156,354	101,699	54,655	36,232	26,279	9,953	31,528	23,063	8,465
N800-N848.....	29,975	14,552	15,423	27,315	12,937	14,378	2,660	1,615	1,045	2,158	1,315	843
N850-N854.....	31,458	22,401	9,057	26,063	18,448	7,615	5,395	3,953	1,442	4,496	3,344	1,152
N860-N869.....	19,420	14,260	5,160	15,290	10,985	4,305	4,130	3,275	855	3,536	2,862	674

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, 1992

(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 <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N870-N897.....	41,593	34,970	6,623	28,118	23,475	4,643	13,475	11,495	1,980	12,570	10,761	1,809
N900-N904.....	3,885	2,959	926	2,740	2,006	734	1,145	953	192	1,035	875	160
N905-N909.....	3,271	1,944	1,327	2,832	1,640	1,192	439	304	135	379	264	115
N910-N929.....	1,363	941	422	1,154	802	352	209	139	70	171	110	61
N930-N939.....	13,219	7,139	6,080	11,192	5,978	5,214	2,027	1,161	866	1,798	1,003	795
N940-N949.....	3,185	2,119	1,066	2,326	1,576	750	859	543	316	781	496	285
N950-N957.....	1,940	1,437	503	1,470	1,053	417	470	384	86	419	346	73
N958-N959.....	30,824	20,780	10,044	25,306	16,855	8,451	5,518	3,925	1,593	4,504	3,257	1,247
N960-N995.....	35,664	25,036	10,628	28,594	20,186	8,408	7,070	4,850	2,220	5,923	4,074	1,849
N996-N999.....	24,277	13,253	11,024	21,164	11,678	9,486	3,113	1,575	1,538	2,738	1,364	1,374
*042-*044 <sup>3/</sup> .....	37,196	32,423	4,773	24,191	22,215	1,976	13,005	10,208	2,797	12,703	9,938	2,765

<sup>1/</sup> INCLUDES BLACK

<sup>2/</sup> INCLUDES \*042-\*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.

<sup>3/</sup> 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, 1992

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,175,613	1,122,336	1,053,277	1,873,781	956,957	916,824	301,832	165,379	136,453	269,219	146,630	122,589
UNDER 1 YR.....	34,628	19,545	15,083	22,164	12,625	9,539	12,464	6,920	5,544	11,348	6,298	5,050
01-04 YR.....	6,764	3,809	2,955	4,685	2,690	1,995	2,079	1,119	960	1,799	965	834
05-09 YR.....	3,739	2,231	1,508	2,690	1,605	1,085	1,049	626	423	894	529	365
10-14 YR.....	4,454	2,849	1,605	3,299	2,093	1,206	1,155	756	399	982	633	349
15-19 YR.....	14,411	10,747	3,664	10,308	7,440	2,868	4,103	3,307	796	3,583	2,923	660
20-24 YR.....	20,137	15,460	4,677	14,033	10,696	3,337	6,104	4,764	1,340	5,399	4,246	1,153
25-29 YR.....	24,314	18,032	6,282	17,051	12,825	4,226	7,263	5,207	2,056	6,559	4,695	1,864
30-34 YR.....	34,167	24,863	9,304	24,450	18,210	6,240	9,717	6,653	3,064	8,836	6,083	2,753
35-39 YR.....	42,089	29,641	12,448	30,127	21,690	8,437	11,962	7,951	4,011	10,965	7,308	3,657
40-44 YR.....	49,201	33,354	15,847	35,886	24,726	11,160	13,315	8,628	4,687	12,213	7,949	4,264
45-49 YR.....	56,533	36,622	19,911	43,451	28,343	15,108	13,082	8,279	4,803	11,753	7,493	4,260
50-54 YR.....	68,497	42,649	25,848	53,689	33,681	20,008	14,808	8,968	5,840	13,252	8,021	5,231
55-59 YR.....	94,582	58,083	36,499	75,750	47,042	28,708	18,832	11,041	7,791	16,727	9,824	6,903
60-64 YR.....	146,409	88,797	57,612	122,213	74,994	47,219	24,196	13,803	10,393	21,669	12,380	9,289
65-69 YR.....	211,071	124,228	86,843	180,788	107,427	73,361	30,283	16,801	13,482	27,011	14,946	12,065
70-74 YR.....	266,845	149,937	116,908	234,117	132,273	101,844	32,728	17,664	15,064	29,124	15,580	13,544
75-79 YR.....	301,736	158,257	143,479	270,238	142,422	127,816	31,498	15,835	15,663	27,875	13,782	14,093
80-84 YR.....	308,116	141,640	166,476	279,507	128,484	151,023	28,609	13,156	15,453	25,260	11,253	14,007
85 AND OVER.....	487,446	161,236	326,210	448,984	147,419	301,565	38,462	13,817	24,645	33,856	11,646	22,210
NOT STATED.....	474	356	118	351	272	79	123	84	39	114	76	38

<sup>1/</sup> 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, 1992

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
UNITED STATES.....	2,175,613	1,122,336	1,053,277	1,873,781	956,957	916,824	301,832	165,379	136,453	269,219	146,630	122,589
ALABAMA.....	39,352	20,692	18,660	28,812	15,153	13,659	10,540	5,539	5,001	10,479	5,498	4,981
ALASKA.....	2,303	1,406	897	1,594	985	609	709	421	288	62	33	29
ARIZONA.....	31,055	17,232	13,823	28,801	15,877	12,924	2,254	1,355	899	808	482	326
ARKANSAS.....	24,956	13,128	11,828	20,897	10,983	9,914	4,059	2,145	1,914	4,018	2,123	1,895
CALIFORNIA.....	215,847	114,080	101,767	186,927	97,648	89,279	28,920	16,432	12,488	17,834	10,007	7,827
COLORADO.....	22,440	11,740	10,700	21,421	11,160	10,261	1,019	580	439	787	451	336
CONNECTICUT.....	28,254	14,063	14,191	26,173	12,868	13,305	2,081	1,195	886	2,003	1,145	858
DELAWARE.....	5,941	2,964	2,977	4,958	2,426	2,532	983	538	445	954	519	435
DISTRICT OF COLUMBIA.....	7,110	3,961	3,149	1,573	860	713	5,537	3,101	2,436	5,505	3,086	2,419
FLORIDA.....	139,723	74,787	64,936	124,522	66,386	58,136	15,201	8,401	6,800	14,838	8,188	6,650
GEORGIA.....	52,992	27,622	25,370	37,872	19,567	18,305	15,120	8,055	7,065	14,945	7,964	6,981
HAWAII.....	6,968	4,066	2,902	2,068	1,211	857	4,900	2,855	2,045	54	37	17
IDAHO.....	7,877	4,208	3,669	7,764	4,154	3,610	113	54	59	22	11	11
ILLINOIS.....	102,118	51,834	50,284	85,307	42,392	42,915	16,811	9,442	7,369	16,133	9,078	7,055
INDIANA.....	49,964	25,234	24,730	45,827	23,015	22,812	4,137	2,219	1,918	4,043	2,169	1,874
IOWA.....	26,593	13,180	13,413	26,201	12,965	13,236	392	215	177	320	178	142
KANSAS.....	22,185	10,997	11,188	20,888	10,274	10,614	1,297	723	574	1,132	631	501
KENTUCKY.....	35,033	18,300	16,733	32,490	16,999	15,491	2,543	1,301	1,242	2,497	1,285	1,212
LOUISIANA.....	37,642	19,833	17,809	25,565	13,256	12,309	12,077	6,577	5,500	11,976	6,513	5,463
MAINE.....	11,158	5,560	5,598	11,104	5,531	5,573	54	29	25	18	8	10
MARYLAND.....	38,891	19,993	18,898	28,798	14,299	14,499	10,093	5,694	4,399	9,753	5,509	4,244
MASSACHUSETTS.....	53,878	26,069	27,809	51,547	24,792	26,755	2,331	1,277	1,054	2,013	1,095	918

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, 1992 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MICHIGAN.....	79,079	40,617	38,462	66,554	33,736	32,818	12,525	6,881	5,644	11,902	6,535	5,367
MINNESOTA.....	35,037	17,572	17,465	34,080	17,028	17,052	957	544	413	494	288	206
MISSISSIPPI.....	25,259	13,364	11,895	16,489	8,681	7,808	8,770	4,683	4,087	8,702	4,642	4,060
MISSOURI.....	50,988	25,730	25,258	45,407	22,659	22,748	5,581	3,071	2,510	5,438	2,991	2,447
MONTANA.....	7,068	3,770	3,298	6,735	3,579	3,156	333	191	142	13	7	6
NEBRASKA.....	14,644	7,237	7,407	14,114	6,955	7,159	530	282	248	421	220	201
NEVADA.....	10,277	5,994	4,283	9,474	5,529	3,945	803	465	338	581	350	231
NEW HAMPSHIRE.....	8,545	4,198	4,347	8,507	4,175	4,332	38	23	15	21	14	7
NEW JERSEY.....	70,868	35,863	35,005	61,004	30,418	30,586	9,864	5,445	4,419	9,346	5,179	4,167
NEW MEXICO.....	11,176	6,175	5,001	10,190	5,564	4,626	986	611	375	201	131	70
NEW YORK.....	166,333	83,824	82,509	139,984	69,588	70,396	26,349	14,236	12,113	24,435	13,114	11,321
NORTH CAROLINA.....	59,611	31,043	28,568	44,977	23,182	21,795	14,634	7,861	6,773	14,070	7,544	6,526
NORTH DAKOTA.....	5,697	3,081	2,616	5,514	2,981	2,533	183	100	83	3	1	2
OHIO.....	99,120	49,567	49,553	88,300	43,816	44,484	10,820	5,751	5,069	10,614	5,645	4,969
OKLAHOMA.....	30,510	15,625	14,885	27,274	13,907	13,367	3,236	1,718	1,518	1,983	1,037	946
OREGON.....	25,760	13,165	12,595	25,024	12,726	12,298	736	439	297	350	205	145
PENNSYLVANIA.....	123,520	61,381	62,139	111,372	54,978	56,394	12,148	6,403	5,745	11,797	6,213	5,584
RHODE ISLAND.....	9,469	4,582	4,887	9,146	4,401	4,745	323	181	142	262	139	123
SOUTH CAROLINA.....	30,638	16,307	14,331	21,002	11,085	9,917	9,636	5,222	4,414	9,581	5,199	4,382
SOUTH DAKOTA.....	6,697	3,435	3,262	6,228	3,166	3,062	469	269	200	4	2	2
TENNESSEE.....	46,576	24,283	22,293	38,779	20,139	18,640	7,797	4,144	3,653	7,722	4,101	3,621
TEXAS.....	129,108	68,546	60,562	111,273	58,674	52,599	17,835	9,872	7,963	17,131	9,473	7,658
UTAH.....	9,772	5,099	4,673	9,554	4,962	4,592	218	137	81	52	36	16
VERMONT.....	4,796	2,401	2,395	4,782	2,395	2,387	14	6	8	2	-	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, 1992 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER <sup>1/</sup>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VIRGINIA.....	49,363	25,441	23,922	38,160	19,382	18,778	11,203	6,059	5,144	10,865	5,871	4,994
WASHINGTON.....	38,162	19,894	18,268	36,057	18,677	17,380	2,105	1,217	888	897	528	369
WEST VIRGINIA.....	19,720	10,026	9,694	18,972	9,654	9,318	748	372	376	727	361	366
WISCONSIN.....	42,242	21,418	20,824	40,518	20,427	20,091	1,724	991	733	1,389	782	607
WYOMING.....	3,298	1,749	1,549	3,202	1,692	1,510	96	57	39	22	12	10

<sup>1/</sup> INCLUDES BLACK  
- DATA NOT AVAILABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE  
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY  
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1992

(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.....	2,179,187	209,735	179,504	186,340	176,919	178,732	170,790	173,549	173,264	169,262	182,049	179,973	199,070
ALABAMA.....	39,068	3,683	3,305	3,446	3,142	3,236	3,109	3,002	3,057	3,003	3,244	3,297	3,544
ALASKA.....	2,308	167	173	162	164	202	186	207	223	215	197	203	209
ARIZONA.....	31,828	3,065	2,684	2,885	2,557	2,474	2,412	2,478	2,496	2,387	2,511	2,740	3,139
ARKANSAS.....	24,896	2,410	2,082	2,137	2,023	2,024	2,009	1,992	1,935	1,867	2,117	1,986	2,314
CALIFORNIA.....	216,378	22,035	18,009	18,272	17,474	17,281	16,918	17,377	17,343	16,745	17,179	17,738	20,007
COLORADO.....	22,888	2,175	1,819	2,038	1,865	1,862	1,770	1,802	1,850	1,849	1,934	1,902	2,022
CONNECTICUT.....	28,396	2,916	2,314	2,463	2,314	2,306	2,227	2,154	2,237	2,122	2,388	2,412	2,543
DELAWARE.....	6,060	601	479	536	493	484	451	510	470	461	515	496	564
DISTRICT OF COLUMBIA.....	8,755	732	719	722	684	719	705	788	775	712	728	720	751
FLORIDA.....	140,687	13,542	12,223	12,708	11,677	11,646	10,739	11,274	10,794	10,884	11,224	11,315	12,661
GEORGIA.....	53,552	4,997	4,278	4,648	4,391	4,387	4,203	4,221	4,242	4,277	4,520	4,417	4,971
HAWAII.....	7,176	614	605	655	578	572	550	576	574	641	583	609	619
IDAHO.....	7,669	687	592	588	649	672	639	577	636	645	667	624	693
ILLINOIS.....	99,332	9,484	8,164	8,351	8,203	8,149	7,720	7,869	7,909	7,982	8,443	8,210	8,848
INDIANA.....	50,606	4,938	4,075	4,311	4,118	4,224	3,987	3,991	4,093	3,903	4,257	4,256	4,453
IOWA.....	26,178	2,461	2,024	2,232	2,049	2,209	2,099	2,031	2,080	2,111	2,203	2,192	2,487
KANSAS.....	21,464	2,044	1,768	1,786	1,764	1,769	1,697	1,662	1,693	1,689	1,780	1,820	1,992
KENTUCKY.....	34,501	3,215	2,881	2,966	2,878	2,762	2,654	2,703	2,762	2,747	2,969	2,786	3,178
LOUISIANA.....	37,968	3,492	3,169	3,367	3,108	3,187	3,058	3,044	2,975	2,942	3,167	3,119	3,340
MAINE.....	11,105	1,160	837	961	923	870	855	873	897	912	866	915	1,036
MARYLAND.....	38,303	3,847	3,130	3,275	3,001	3,065	2,878	3,122	3,130	2,921	3,245	3,198	3,491
MASSACHUSETTS.....	54,646	5,539	4,686	4,660	4,395	4,536	4,247	4,240	4,180	4,169	4,611	4,446	4,937
MICHIGAN.....	77,895	7,482	6,205	6,593	6,286	6,427	6,114	6,170	6,377	6,083	6,711	6,411	7,036

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, 1992

(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.....	35,189	3,166	2,859	2,977	2,834	2,949	2,769	2,764	2,701	2,828	3,086	3,026	3,230
MISSISSIPPI.....	24,419	2,304	1,980	2,144	1,963	2,106	1,895	1,969	1,904	1,855	2,059	2,055	2,185
MISSOURI.....	52,513	4,962	4,415	4,384	4,321	4,273	4,097	4,200	4,268	3,948	4,497	4,301	4,847
MONTANA.....	7,067	650	569	591	568	621	564	540	573	595	562	594	640
NEBRASKA.....	14,914	1,399	1,172	1,243	1,263	1,231	1,213	1,111	1,149	1,201	1,286	1,317	1,329
NEVADA.....	10,971	1,086	899	887	909	864	815	889	876	860	916	939	1,031
NEW HAMPSHIRE.....	8,464	846	674	659	618	688	683	663	711	673	729	711	809
NEW JERSEY.....	69,181	6,885	5,633	5,745	5,574	5,673	5,397	5,539	5,403	5,318	5,939	5,712	6,363
NEW MEXICO.....	11,185	1,098	905	942	874	902	872	884	871	893	959	945	1,040
NEW YORK.....	165,178	16,093	13,532	13,910	13,148	13,462	13,152	13,214	13,149	12,744	13,957	13,645	15,172
NORTH CAROLINA.....	60,070	5,754	4,986	5,200	4,934	4,822	4,704	4,814	4,753	4,579	5,077	4,942	5,505
NORTH DAKOTA.....	6,180	555	478	480	503	522	469	538	510	524	552	502	547
OHIO.....	98,751	9,306	8,094	8,489	8,047	8,238	7,684	7,789	7,759	7,877	8,358	8,185	8,925
OKLAHOMA.....	29,523	2,784	2,410	2,625	2,315	2,441	2,418	2,328	2,300	2,296	2,372	2,448	2,786
OREGON.....	26,034	2,449	2,016	2,158	2,055	2,254	2,169	2,080	2,088	2,026	2,135	2,152	2,452
PENNSYLVANIA.....	124,520	12,172	10,328	10,822	10,233	10,313	9,618	9,837	9,827	9,468	10,439	10,322	11,141
RHODE ISLAND.....	9,594	912	710	826	789	799	756	754	764	760	829	798	897
SOUTH CAROLINA.....	29,786	2,707	2,477	2,629	2,482	2,336	2,266	2,435	2,490	2,236	2,551	2,395	2,782
SOUTH DAKOTA.....	6,841	630	545	638	578	506	525	562	594	528	560	564	611
TENNESSEE.....	49,677	4,627	4,106	4,157	4,030	4,095	3,846	4,162	3,970	3,879	4,156	4,080	4,569
TEXAS.....	130,486	12,171	10,793	11,078	10,580	10,683	10,602	10,445	10,427	10,017	10,843	10,769	12,078
UTAH.....	10,114	955	767	828	794	820	809	822	875	766	939	825	914
VERMONT.....	4,803	459	428	403	371	408	371	377	382	364	396	379	465
VIRGINIA.....	48,807	4,719	4,103	4,039	3,979	3,979	3,798	3,960	3,831	3,762	4,143	4,040	4,454
WASHINGTON.....	38,042	3,354	3,069	3,248	3,210	3,226	3,004	3,041	3,050	2,978	3,208	3,136	3,518

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, 1992

(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.....	19,777	2,035	1,682	1,657	1,638	1,695	1,531	1,585	1,527	1,497	1,600	1,579	1,751
WISCONSIN.....	42,306	4,093	3,394	3,562	3,312	3,505	3,288	3,319	3,527	3,249	3,578	3,562	3,917
WYOMING.....	3,136	278	259	257	261	258	248	265	257	274	264	238	277



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 S Limited Len-

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

Recode	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	Bruceellosis (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	Helminthiases (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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 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 T	Limited Len- 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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 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 T	Limited Len- Sex 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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 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 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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282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
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)

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

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

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

72 Recode	S Limited Len- 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)

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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 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 S Limited Len-

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

010		039	Certain intestinal infections (008-009)
020		020	Whooping cough (033)
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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\*\*\*\*\* Cause Subtotals are not Identified in this File \*\*\*\*\*

52 S Limited Len-  
 Recode T Sex 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)

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\*\*\*\*\* 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

**1992 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1990, 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, 1990, 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 1992 data year. Those modifications, which will appear in the printed version of the 1992 technical appendix, include the following:

I. Sources of data

State-coded medical data:

1992  
Montana  
1991  
Arkansas

For 1992, of the States in the VSCP, 32 States submitted precoded medical data for all death certificates on computer tape. In addition, Delaware, Maine, Montana, North Dakota, Vermont, and Wyoming contracted with a private company to provide NCHS with precoded medical data. Kansas continued to provide the medical data for Alaska. Iowa provided precoded medical data for Idaho.

The remaining 18 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

For 1992, approximately 35 percent (800,000) of the nation's death records were multiple-cause coded using MICAR. In addition to the four States which implemented MICAR in 1991 (Arkansas, Florida, Indiana, and Washington), on at least a portion of their data, the following States implemented MICAR beginning with 1992 data: Georgia, Maryland, New Hampshire, and Vermont. NCHS expanded the use of MICAR to code at least a portion of the death records from the following States: Alabama, Arizona, Connecticut, Hawaii, Illinois, Kentucky, Missouri, Montana, Nevada, New Jersey, New Mexico, Ohio, Oregon, Rhode Island, South Dakota, Tennessee, Utah, West Virginia, the District of Columbia, and New York City. The remainder of the national file was processed by either NCHS or States using only the ACME system.

All States submitted precoded demographic data for all death certificates on computer tape in 1992.

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

## II. Classification of data

### A. Race:

Other races--Beginning with data year 1992, All records coded as "other races" (0.01 percent of the total deaths) were assigned to the specified nonwhite race of the previous record.

Quality of race data--A number of studies have been conducted on the reliability of race reported on the death certificate by comparing race reported on the death certificate with that reported on another data collection instrument such as the census or a survey. Differences may arise because of differences in who provides race information on the compared records. Race information on the death certificate is reported by the funeral director as provided by an informant, often surviving next of kin, or, in the absence of an informant, on the basis of observation. In contrast, race on the census or the Current Population Survey (CPS) is self-reported and, therefore, may be considered more valid. A high level of agreement between the death certificate and the census or survey report is essential to assure unbiased death rates by race.

In one study a sample of 340,000 death certificates was compared with census records for a four-month period in 1960 (1). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups. In another study 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS conducted by the U.S. Bureau of the Census for the years 1979-1985 (2). In this study, called the National Longitudinal Mortality Study (NLMS), agreement for white decedents was 99.2 and for black 98.2; agreement was less for the smaller race groups. In 1986, the National Mortality Followback Survey conducted by the National Center for Health Statistics asked death certificate informants about the race of decedents 25 years old and over. The total sample was 18,733 decedents (3). The rates of agreement were similar to those observed in the other studies.

All of these studies show that persons self-reported as American Indian or Asian on census and survey records (and by informants in the Followback Survey) were sometimes reported as white on the death certificate. The net effect of misclassification is an underestimation of deaths and death rates for the smaller minority races.

Quality of data on Hispanic origin--A recent study examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 CPS conducted by the U.S. Bureau of the Census for the years 1979-1985. In this study, agreement was 89.7 percent for any report of Hispanic origin. The ratio of deaths for CPS divided by deaths for death certificate was 1.07 percent indicating net underreporting of Hispanic origin on death certificates as compared with self reports on the surveys. The sample was too small to assess the reliability of specified Hispanic groups.

#### B. Hispanic origin.

Data for 1992 were obtained from the District of Columbia and all States except New Hampshire, and Oklahoma, which were excluded because their death certificates did not include an item to identify Hispanic or ethnic origin.

For 1992, mortality data published in Vital Statistics of the United States (VSUS) tables 1-37, 1-38, 1-43, 1-44, and 2-23 are based on deaths to residents of all 48 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis.

Infant mortality--In tables 2-24, 2-25, 2-26, and 2-27 the data are based on deaths to residents of the same 48 states and the District of Columbia whose mortality data for all ages and whose live birth data were at least 80 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. 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 was 2.4 and the percent of live births of unknown origin was 1.0 for the 48 States and the District of Columbia for 1992, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be underestimated.

Infant mortality rates by Hispanic origin may be biased, because of inconsistencies in reporting Hispanic or ethnic origin between the birth and death certificates for the same infant. Estimates of reporting bias have been made by comparing rates based on the linked file of infant deaths and live births with those where the Hispanic or ethnic origin of infant death is based on information from the death certificate (4).

In 1990 the 48 States and the District of Columbia accounted for about 99.6 percent of the Hispanic population in the United States, including about 99.5 percent of the Mexican population, 99.7 percent of the Puerto Rican population, 99.8 percent of the Cuban population, and 99.6 percent of the "Other Hispanic" population (5).

#### C. Educational attainment.

Mortality data on educational attainment for 1992 in VSUS table 1-45 are based on deaths to residents of 45 States and the District of Columbia. Data for five States (Georgia, Oklahoma, Rhode Island, South Dakota, and Washington) are excluded from this table because their death certificates did not include an educational attainment item and for New York City data are excluded because the education item on its death certificate was considered not sufficiently comparable to be used for analysis.

In tables 1-46 and 1-47 the data are based on deaths to residents of 42 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis. These 42 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming. Data for Connecticut, Kentucky, and West Virginia are excluded because more than 20 Percent of their death certificates were classified to "unknown educational attainment."

#### D. Occupation and industry.

Deaths by occupation and industry are included on the 1992 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 (6). 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 (7). 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 1992 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1992.

### III. Quality of data:

Amended records for Alabama, Alaska, Hawaii, and New Jersey-  
-Numbers of deaths occurring in Alabama, Alaska, Hawaii, and New Jersey for 1991 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by the respective States. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

### IV. Population bases for computing rates:

The population used for computing death rates (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. Death rates for 1992 are based on populations estimates as of July 1, 1992 (8,9). The estimates are based on the 1990 census counts. The 1990 census counts by race were modified to be consistent with the U.S. Office of Management and Budget categories and historical categories for death data (10).

### References

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2. Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. Epidemiology 3:2, 181-84. 1992.
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4. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1989, vol II, mortality, part A. Washington: Public Health Service. 1993.
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6. National Center for Health Statistics: Industry and occupation coding for death certificates, 1990. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1990

7. U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.

8. U.S. Bureau of the Census: United States population estimates, by age, sex, race, and Hispanic origin: 1992. Census file RESP0792. 1994.

9. U.S. Bureau of the Census: Unpublished estimates for 1992, by State.

10. U.S. Bureau of the Census: Unpublished data from the 1990 census, by age, sex, race, and Hispanic origin. 1990 CPH-1-74

## SECTION 7 - TECHNICAL APPENDIX

### SOURCES OF DATA

#### Death and fetal death statistics

Mortality statistics for 1990 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 Commonwealth of the Northern Marianas. 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 1967-69, 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.

Beginning with 1971, an increasing number of States provided NCHS, via the Vital Statistics Cooperative Program (VSCP), computer tapes of data coded according to NCHS specifications. 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.

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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

For the Virgin Islands and Guam, mortality statistics for 1990 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

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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. 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 1990 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 with medical data coded according to NCHS specifications. 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. The sampling resulted from personnel and budgetary restrictions. Sampling variation associated with the 50-percent sample is described in "Estimates of errors arising from 50-percent sample for 1972."

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Fetal death data are obtained directly from copies of original reports of fetal deaths received by NCHS, except New York State (excluding New York City), which submitted State-coded data in 1990.

### **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 on 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.

## SECTION 7 - TECHNICAL APPENDIX

### 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 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 it included the entire United States for the first time. 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 Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 3 and 4 and Vital Statistics of the United States, 1950, Volume I, chapter 1, pages 2-19. Statistics on fetal deaths were first published for the birth-registration area in 1918 and then every year beginning with 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 1990 are set forth 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 of 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.

## SECTION 7 - TECHNICAL APPENDIX

Tables by place of occurrence, on the other hand, include deaths of both 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 1990 this difference amounted to 3,427 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.

Metropolitan statistical areas--The Metropolitan statistical areas (MSA's) and Primary metropolitan statistical areas (PMSA's) used in this volume are those established by the U.S. Office of Management and Budget as of April 1, 1990, and used by the U.S. Bureau of the Census (7), except in the New England States.

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Outside the New England States, an MSA has either a city with a population of at least 50,000 or a Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over 1 million. When PMSA's are defined, the larger area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (8).

In the England States, the U.S. Office of Management and Budget uses towns and cities rather than counties as geographic components of MSA's and PMSA's. However, NCHS cannot use this 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 (9).

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

Population-size groups--In 1990, vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1980 Census of Population. Data are available for individual cities and other urban places of 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. (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.



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### 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; or to Puerto Rico, the Virgin Islands, or Guam--if specified on the death certificate. The place of birth is also 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 of all deaths in 1990, about 1.1 percent.

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 again published 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 1990, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian and Pacific Islanders, 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, 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.

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Race not stated--For 1990, the number of death records for which race was unknown, not stated, or not classifiable was 5,424, or 0.3 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 1962-64 are described in the technical appendixes of the 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 1990 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, Hmong, etc., (specify)

For 1990, mortality data in tables 1-37 and 2-21 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 45 States, New York State

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(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 and New York City 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 geographic areas for which Hispanic origin was not stated or was unknown. Because New York City accounts for about one-half of the deaths to Puerto Ricans, the resulting mortality data may not be comparable with previous years. Louisiana, New Hampshire, and Oklahoma were excluded because their death certificates did not have an Hispanic or ancestry item.

In tables 2-22-2-25, the reporting area is based on deaths to residents of the same 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, 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 98 percent of the Hispanic population in the United States in 1990. This included 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 (10). Accordingly, some 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. For qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

Alabama--In 1990 for Alabama, 127 deaths were erroneously coded to Puerto Rican rather than to non-Hispanic. The corresponding number of deaths for Puerto Ricans for 1989 was 15. As a result, the number of deaths for Puerto Ricans for the 45 States, New York State (excluding New York City), and the District of Columbia should be about 2 percent lower than the figures shown.

### **Marital status**

Mortality statistics by marital status (tables 1-34 and 1-35) were published in 1979 for the first time since 1961.

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(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 on 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 2,094,183 resident deaths 15 years of age and over in 1990, 10,791 certificates (0.5 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 1990 (table 1-45) are based on deaths to residents of 43 States and the District of Columbia. Data for seven States--Georgia, Louisiana, New York, Oklahoma, Rhode Island, South Dakota, and Washington--are excluded from this table because their death certificates did not include an educational attainment item, and New York City data are excluded because the education item on its death certificate was considered not comparable to be used for analysis.

In tables 1-46 and 1-47, the data 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. The 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. Data for Alaska, Arkansas, Connecticut, Indiana, Kentucky, Maine, Maryland, Mississippi, Nevada, New Jersey, New Mexico, North Carolina, Tennessee, Virginia, and West Virginia are excluded because more than 10 percent of their death certificates were classified to "unknown educational attainment."

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### Place of death and status of decedent

Mortality statistics by place of death were published in 1979 for the first time since 1958 (tables 1-30- 1-32). In addition, mortality data also were available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1990 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 kind of facility, appeared 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 VSCP, 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 1-30-1-32. 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 1990 deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-14-2-16, and 3-7.

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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 an autopsy were performed. For 1990, autopsies were reported on 239,591 death certificates, 11.2 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 nine 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; Measles; 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). Autopsies were reported for only 7.1 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

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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

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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, for each State, and for 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 Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.



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A dual coding study was undertaken in which the Ninth and the Eighth Revisions were compared 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 were also 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 from Vital Statistics for the United States, 1979.

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 as follows. In early 1983, a change that affected data from 1981 to 1986 was made in the coding of acquired immunodeficiency syndrome (AIDS) and HIV infection. 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 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 1990--The rules and instructions used in coding the 1990 mortality medical data remained essentially the same as those used for the 1988 and 1989 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

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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 for 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 occur 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 1990, a record low of 1.1 percent of all reported deaths in the United States was assigned to this category compared with 1.3 for 1989. 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 since 1980, decreases have occurred for the age group 55-64 years since 1983, for age group 65-74 years since 1982, for age group 75-84 years since 1986, and for 10-year age groups from 15 to 54 years since 1988. Between 1989 and 1990, the percent decreased for all age groups, except for the age group under 1 year of age; the percent for this age group was unchanged.

Automated selection of underlying cause of death--Before data year 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 (multiple causes) on the death certificate. This system is called "Automated Classification of Medical Entities" (ACME) (15).

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval System" (MICAR) (16,17), automates the coding of the multiple causes of death. The MICAR system is a major and logical step forward

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in the evolution of processing mortality data. MICAR takes advantage of the increasing capabilities of electronic data processing to produce information that is more consistently handled than manually processed information. In addition, MICAR ultimately will provide more detailed information on the conditions reported on the death certificates than is available in the ICD classification (18). In this first year of implementation, only 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. This includes at least a portion of the data from the following States: Alabama, Kentucky, Oregon, Rhode Island, and West Virginia. The remainder of the national file was processed by either NCHS or the States using only the ACME system. Tests have been conducted on the comparability of MICAR and manually-coded records. See "Medical items on the death certificate.")

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 periodically are 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 HIV infection (\*042-\*044) that originally had 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 (15,19,20).

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 (\*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.

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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 beginning with the words "Other" or "All other" are not ranked to determine the leading causes of death. When one of the titles representing 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 the to category "Complications of pregnancy, childbirth, and the puerperium" (ICDA-8 Nos. 630-678). Although WHO did not define maternal mortality, an NCHS classification rule that limited the definition of a maternal death to a death that occurred 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 was given for the condition. If no duration was specified and the underlying cause of death was a maternal condition, 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 for 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 of death 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.

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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 dying 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 changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989 and 1990 and previous years; see section on "Change in tabulation of race data 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. Generally, it has 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 (21,22). 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 (23,24).

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

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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. 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-June, the denominator for the infant mortality rate is a count of births occurring during the 12 months of January-December. The difference in the time reference can result in different trends between the two indices during periods when birth rates are moving up or down markedly.

The infant death rate also is subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (24).

Change in tabulation of race data for live births and fetal deaths--Beginning with the 1989 data year, NCHS 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, the numerator and the denominator of the rates are affected because the change to race of mother affects fetal deaths and live births.

As noted in detail in the Technical Appendix from Vital Statistics of the United States, 1989, Volume I, Natality, data on live births and fetal deaths are 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 calculated by race of child as determined statistically by an algorithm based on information reported for the mother and father. 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.

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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. Consequently, 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 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, inconsistencies exist 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 (25).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, underestimates 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 is sometimes reported as white on the death certificate, but is reported as the minority race group on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (25).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth

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cohorts based on the newly available linked birth and infant death data set (26,27) with period rates based on mortality data published in Vital Statistics of the United States for the same year(s).

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 data comparing infant mortality rates from the linked data set for the birth cohorts of 1985-87 with period rates constructed for 1985-87, bias in the rates for the two major race groups--white and black--is small (Table B). However, cohort rates for the smaller race groups are estimated to be higher than period rates by 9 to 41 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, data from the national linked files should be used to measure infant mortality for races other than black and white. 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 and numbers of resident live births by Hispanic origin of mother for the 45 States, New York State (excluding New York City), 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 1990 was 1.6 percent and the percent of live births of unknown origin was 1.0 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are slightly underestimated.

Caution should be exercised when comparing infant mortality rates among the Hispanic population (especially Puerto Ricans) and non-Hispanic population for 1990. Because the percent unknown origin for all ages for New York City was about 19 percent on a place-of-occurrence basis, infant mortality data for New York City was excluded from tables 2-22-2-25. The percent unknown origin on place-of-occurrence basis for infant deaths for New York City for 1990 was about 28 percent (about 5 percent for live births). Also, because New York City accounted for about 33 percent of the live births to Puerto Ricans in the United States in 1990, excluding the data for New York City may have an impact on infant mortality rates for the Hispanic population, especially for Puerto Ricans.



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Table C shows the effects of including and excluding infant deaths and live births for New York City for 1990 in the infant mortality rates for the total area using three methods. The three methods are as follows: (a) No allocation of infant deaths (or live births), (b) proportional allocation of infant deaths (and live births) for all geographic areas combined, and (c) proportional allocation of infant deaths (and live births) for each geographic area separately and then combined for the total area.

Proportional allocation assumes that the percent distribution of deaths (and live births) of unknown origin is the same as for deaths (and live births) of unknown origin.

Method c is believed to be the best method for comparing the impact of including or excluding data for New York City, because of geographic variation in the race and ethnic composition of the population. For method c and using the rates excluding New York City as the base, the difference in infant mortality rates is no greater than 1 percent between including and excluding New York City for all origin, total Hispanic, Mexican, total non-Hispanic, non-Hispanic white, and non-Hispanic black. However, the difference is about 10 percent for Puerto Ricans, 7 percent for Other Hispanic, and 4 percent for Cubans. It is unclear whether including or excluding New York City data produces the better rates.

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 data set as shown in table D. Comparisons also are affected by the approximate 2 percent of infant death records that are not linked to the corresponding birth rates.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986-87 with data for 1990, because the area for Hispanic data has expanded from 18 States and the District of Columbia in 1986-87 to 45 States, New York State (excluding New York City), and the District of Columbia in 1990. The Hispanic area for 1986-87 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 "Cause-of-death classification" under "Cause of death.")

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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. The effect of these errors on national data for the years 1985-88 shown in table 2-4 is negligible. The problem was identified and corrected for 1989 and subsequent years.

**Fetal deaths**

In May 1950, WHO recommended 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 (28).

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 was adopted by NCHS as the nationally recommended standard. All registration areas except Puerto Rico have definitions similar to the standard definition (29). 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

As shown 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 a live-birth certificate 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, 1956, 1968, 1978, and 1989. The 1989 U.S. Standard Report of Fetal Death is shown in figure 7-B.

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The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (30) recommended 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 be reported on separate forms. These forms should be considered legally required statistical reports rather than legal documents.

Beginning with fetal deaths reported in 1970, 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 of spontaneous fetal deaths are different from those of induced terminations of pregnancy. These procedures are still used.

Comparability and completeness of data--Registration area requirements for reporting fetal deaths vary. Most of the areas require reporting of fetal death at gestations of 20 weeks or more. Table E shows the minimum period of gestation required by each State to report fetal death. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (31).

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 birthweight of 500 grams or more. In 1990, this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year, there are 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 NCHS and a Fetal Death Certificate that is. During the period 1971-80, 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 1981-83, 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

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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 1984-90. 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 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 lower number of fetal deaths and fetal mortality rates for Maryland for 1989 relative to 1990.

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/or delivery and congenital anomalies of fetus were changed from an open-ended question to a checkbox format to ensure more complete reporting of information. However, because of differences in implementation dates of the new fetal death report for reporting States, and because of inexperience in reporting and processing the new items, reporting of the new items in individual States may be incomplete for 1990. The data quality and completeness of many of these items are being evaluated.

The tabulation of items in the fetal death section is limited to those States whose reporting is sufficiently complete. For fetal deaths, data are published when a State has a response for the item on at least 20 percent of the records.

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.

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To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (32). Briefly, if LMP gestation is inconsistent with birthweight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birthweight 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 except Puerto Rico reported LMP, and all areas except California, the District of Columbia, Louisiana, Maryland, and Oklahoma reported physician's estimate of gestation. Nebraska also was excluded because of the large proportion of unknown.

Birthweight--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 birthweight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birthweight 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 birthweight 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 birthweight and gestation; see previous section on gestation.

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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 1990 relative to previous years; see "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 1990 were obtained from 44 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1990, fetal and perinatal mortality data in table 3-19 are for 44 States and the District of Columbia and tables 3-20, 4-6 and 4-7 are for 36 States and the District of Columbia 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, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 36 States and the District of Columbia for which fetal and perinatal data by Hispanic origin are shown accounted for about 81 percent of the Hispanic population in 1990, including 93 percent of the Mexican population, 45 percent of the Puerto Rican population, 88 percent of the Cuban population, and 65 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 "Hispanic origin" under "Classification of data").

Total-birth order--Total-birth order refers to the sum of the live births and other terminations (including spontaneous fetal deaths and induced terminations of pregnancy) a woman has had, including the fetal death being recorded. For example, if a woman has 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

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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.

Although all registration areas use the two standard items pertaining to number of previous live births, registration areas phrase the item on pertaining to other terminations of pregnancy differently. 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 reports 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 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 reports 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 reports with stated marital status that fall into each category for the reporting States. Before 1989, fetal deaths reports 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 and 1990 are not strictly comparable with those for previous years.

No quantitative data exist on the characteristics of unmarried women who do not report, misreport their marital status, or 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 for 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).

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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. Before 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 data, 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. WHO recommends in ICD-9 "national perinatal statistics should include all fetuses and infants delivered weighing at least 500 grams (or when birthweight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead...." It further recommends, "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 birthweight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel))." Because birthweight 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 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 sporadic 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 those States that do not. 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.



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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 entire United States. 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 "Change in race classification for live births and fetal deaths" under "Infant deaths."

Hispanic origin--See "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 affected also.

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### 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.

### Alaska data

Numbers of deaths occurring in Alaska for each of the years 1988-90 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by the State of Alaska as shown in table F. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes. Differences for other categories in the List of 72 Selected Causes of Death and Human immunodeficiency virus infection did not exceed a total of three deaths.

### Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1990 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. When 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 before to 1990 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 1990 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

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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 furnished NCHS with coded medical information in 1990 according to NCHS specifications had to qualify for sample verification first. 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 1990 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 coded independently 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 "Automated selection of underlying cause of death.")

The MICAR system automates the coding of multiple causes of death. The quality of the data produced by MICAR is better than the quality of the data produced using manual multiple cause-of-death coding. The version of MICAR used to process 1990 records processed about 85 percent of the mortality records with an average error rate of 0.42 percent on an underlying-cause basis and a rate of 0.74 percent on a multiple-cause basis.

Demographic items on the report of fetal death--For 1990, 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 (33).

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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, 1980, and 1990 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 Metropolitan areas 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 1900-90, and revised populations for 1981-89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table G lists the sources for these populations.

In the 1980 and 1990 censuses, a substantial number of persons did not specify a racial group that could be classified as any of the white, black, American Indian, Eskimo, Aleut, Asian, or Pacific Islander categories on the census form. (34) In 1980, the number of persons of "Other" race was 6,758,319; in 1990, it was 9,804,847. In both censuses, the large majority of these persons were of Hispanic origin (based on response to a separate question on the form), and many wrote in their Hispanic origin, or Hispanic origin type (e.g. Mexican, Puerto Rican) as their race. In 1980 and 1990, persons of unspecified race were allocated to one of the four tabulated racial groups (white, black, American Indian, Asian and Pacific Islander) based on their responses to the Hispanic origin question. These four race categories conform with OMB Directive 15 and are more consistent with the race categories in vital statistics.

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In 1980, the allocation of unspecified race was determined using cross-tabulations of age, sex, race, type of Hispanic origin, and county of residence. Persons of Hispanic origin and unspecified race were allocated to either white or black, based on their Hispanic origin type. Persons of "Other" race and Mexican origin were categorically assumed to be white, while persons in other Hispanic categories were distributed to white and black pro rata within the county-age-sex group. For "Other-race-not-specified" persons who were not Hispanic, race was allocated to white, black, or Asian and Pacific Islander, based on proportions gleaned from sample data. The 20-percent sample (respondents who were enumerated on the longer census form) provided a highly detailed coding of race, which allowed identification of otherwise unidentifiable responses with a specified race category. Allocation proportions were thus established at the State level, which were used to distribute the non-Hispanic persons of "Other" race in the 100-percent tabulations.

In 1990, the race modification procedure was implemented out using individual census records. Persons whose race could not be specified were assigned to a racial category using a pool of "race donors", that consisted of persons of specified race who had the identical responses to the Hispanic origin question and who were within the auspices of the same census District Office. As in the 1980 census, it appeared that the underlying assumption made in the 1990 census was that the Hispanic origin response was the major criterion for allocating race. Unlike those responding to the 1980 census who could be assigned only to the racial groups white or black, persons of Hispanic origin, including Mexican, responding to the 1990 census could be assigned to any racial group. Also, in the 1990 census, the non-Hispanic component of "Other" race was allocated primarily on the basis of geography (district office), rather than detailed characteristic.

The means by which respondent's age was determined were fundamentally different for the two censuses; therefore, the problems that necessitated the modification were different. In 1980, respondents reported year of birth and quarter of birth (within year) on the census form. When census results were tabulated, persons born in the first quarter of the year (before April 1) had age equal to 1980 minus year of birth, while persons born in the last three quarters had age equal 1979 minus year of birth.

In 1990, quarter year of birth was not requested on the census form, so that direct determination of age from year of birth was not possible. In 1990 census publications, age is based on respondents' direct reports of age at last birthday. This definition proved inadequate for postcensal estimates as it was apparent that many respondents had reported their age at time of either completion of the census form or interview by an enumerator that could occur several months after the April 1 reference data. As a result, age was biased upward. For most respondents, modification was based on a respecification of age, by year of birth, with allocation to

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first quarter (persons aged 1990 minus year of birth) and last three quarters (aged 1989 minus year of birth) based on a historical series of registered births by month. This process partially restored the 1980 logic for assignment of age. It was not considered necessary to correct for age overstatement and heaping in 1990, because the availability of age and year of birth on the census form had provided the elimination of spurious year-of-birth reports in the census data before modification occurred.

Population for 1990--The population of the United States enumerated by age, race, and sex for 1990 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. The figures have been modified as described.

Population estimates for 1981-89--Death rates in this volume for 1981-89 are based on revised populations that are consistent with the 1990 census level (34,35). They are, therefore, not comparable with death rates published in Vital Statistics of the United States, Volume II, Mortality, for 1981-89, and in other NCHS publications for those years. The 1990 census counted approximately 1.5 million fewer persons than had been estimated earlier for April 1, 1990.

Population for 1980--The population of the United States by age, race, and sex, and the population for each State are shown in tables 7-2 and 7-3 of Vital Statistics of the United States, 1980, Volume II, Mortality. The figures by race have been modified as described.

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 been estimated for April 1, 1980 (36). 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 during 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.

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New Jersey--As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 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**

Errors can be introduced into the annual rates as a result of underenumeration of deaths and the misreporting of demographic characteristics. Errors in rates can also result from 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 (34). Net census undercount results from the miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by the net census undercount and the misreporting of age on the death certificate (37). 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.

Because death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, the possible impact of net census undercount on death rates must be considered. This can be done on a national basis using results of studies conducted by the U.S. Bureau of the Census on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex). Such studies were conducted in the last five decennial censuses--1950, 1960, 1970, 1980, and 1990. From this work have come estimates of the national population that were not counted by age, race, and sex (38-41). The reports for 1990 (unpublished data from the U.S. Bureau of the Census) include estimates of net underenumeration and overenumeration for age, sex, and racial subgroups of the national population modified for race consistency with previous population counts as described in the section "Population Bases." These studies indicate that, although coverage was improved over previous censuses, there was differential coverage among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

Because estimates of net census undercount are not available by age, race, and sex for individual States and counties, it is not feasible to adjust for net census undercount when presenting rates in routine tabulations. Nevertheless, it is important to be aware that net census undercounts can affect levels of observed vital rates.

Age, race, and sex--If adjustments were made for net census undercount, the size of denominators of the death

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rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1990 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--indicates a net census overcount--and when 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 enumerated than the black population in the 1990 Census of Population. Underenumeration varied by age group for the total population, with the greatest differences found for persons aged 85 years and over. All other age groups were overcounted or undercounted by less than 4.0 percent. Among the age-sex-race groups, underenumeration was highest (13.3 percent) for black males aged 25-34 years. In contrast, white females in this age group were underenumerated by 2.5 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. Consequently, the ratio of mortality between the rates for males and females and between the rates for the white population and 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, in 1990 for the age group 35-39 years, the ratio of the unadjusted death rate for Homicide and legal intervention for black males to that for white males is 6.92, whereas the ratio of the death rates adjusted for net census undercount is 7.54. For Ischemic heart disease for males aged 40-44 years, the ratio of the death rate for the black population to that for the white population is 1.12 using the unadjusted rates, but it is 1.22 when adjusted for estimated underenumeration.

Summary measures--The effect of net census undercount on age-adjusted death rates and life table values depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1990 for All causes would decrease from 520.2 to 512.7 per 100,000 population if the age-specific death rates were corrected for net census undercount (table H). For Diseases of the heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.1 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate



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of 275.9 to an adjusted rate of 256.7 would amount to a decrease of 7.0 percent. For HIV infection, the rate for black males would decrease from 44.2 to 39.0 and for white males from 15.0 to 14.4.

If death rates by age were adjusted, the corresponding life expectancy at birth computed from these rates would change. 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. For example, adjustment for net census undercount would increase life expectancy in 1990 by an estimated 0.2 years, from 75.4 years to 75.6 years for the total U.S. population.

Adjustment for differential underenumeration among race-sex groups would lead to greater changes in life expectancy for some groups than for other groups. For males and females, increases would be 0.3 and 0.1 years, respectively; for the black population and white population, 0.6 and 0.2 years, respectively. The largest increase would be for black males, 1.2 years, followed by white males (0.3 years), black females (0.2 years), and white females (0.2 years).

**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

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**Life Tables**

U.S. abridged life table are constructed by reference to a standard table (42). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-90 abridged life tables. Life table values the 1979-81 appearing in this volume are based on revised intercensal estimates of the populations for those years. Therefore, these life table values may differ from life table values of those years published in previous volumes.

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.

There has been an increasing interest in data on the average length of life ( $e_0$ ) 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 (43).

<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 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.

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### Random variation in numbers of deaths, death rates, and mortality rates and ratios

Deaths and population-based rates--Except for those reported in 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 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 (44). 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" number of events.

$$2. R-2\frac{R}{\sqrt{N}} \quad \text{and} \quad R+2\frac{R}{\sqrt{N}}$$

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, 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

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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, 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 therefore are 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 standards of reliability or precision (estimate is based on fewer than 20 events in numerator or denominator)----- \*

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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, 1990

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	0.99	0.98	1.00	1.00	1.00	0.99	0.98	0.99
Black	1.06	1.06	1.05	1.00	1.02	1.04	1.04	1.04
American Indian	1.26	1.26	1.26	*	1.06	1.13	1.13	1.12
Chinese	1.08	1.04	1.09	*	1.00	1.00	1.04	1.04
Japanese	1.20	1.19	*	*	0.96	1.02	1.04	1.03
Hawaiian	1.44	1.42	1.46	*	1.04	1.16	1.21	1.19
Filipino	1.03	1.06	1.09	*	1.00	1.04	1.03	1.03
Other Asian	1.10	1.06	1.05	*	1.03	1.03	1.06	1.06
Other races	*	*	*	*	1.23	1.25	1.24	1.23

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Table B. Infant mortality rates by race of mother for the period 1985-87 and for birth cohorts, 1985-87; and ratio of birth cohort to period rates: United States  
[Rates per 1,000 live births in specified groups]

Race	Period rate 1985-87	Birth cohort rate 1985-87	Ratio cohort/ period rates
All races	10.4	10.1	0.97
White	8.8	8.5	0.97
Black	18.9	18.2	0.96
American Indian	12.2	13.3	1.09
Chinese	5.5	6.0	1.09
Japanese	5.3	6.6	1.25
Filipino	5.1	7.2	1.41
Other Asian or Pacific Islander	7.0	8.3	1.19

NOTE: Births for race not stated are not distributed.

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Table C. Infant mortality rates by specified Hispanic origin and race for non-Hispanic origin for three method of allocating "unknown origins": Total of 45 States, New York State (including and excluding New York City), and the District of Columbia, 1990

[Rate per 1,000 live births in specified group]

Method and area	All origins	Total	Mexican	Hispanic			Total <sup>2</sup>	Non-Hispanic	
				Puerto Rican	Cuban <sup>1</sup>	Other Hispanic		White	Black
No Allocation									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.7	10.2	7.6	7.2	9.3	7.4	17.9
45 States, New York (incl. NYC), D.C. ....	9.2	7.7	7.7	8.7	7.2	7.2	9.3	7.4	17.7
Proportional allocation of all areas combined									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.0
45 States, New York (incl. NYC), D.C. ....	9.2	7.8	7.8	8.8	7.4	7.4	9.5	7.6	18.1
Proportional allocation for each area and summed									
45 States, New York (excl. NYC), D.C. ....	9.1	7.8	7.8	10.3	7.6	7.2	9.4	7.5	18.1
45 States, New York (incl. NYC), D.C. ....	9.2	7.9	7.7	9.4	7.3	7.7	9.5	7.5	18.3

<sup>1</sup>Includes Central and South American and Other and unknown Hispanic.

<sup>2</sup>Includes races other than white and black.

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Table D. Infant mortality rates by specified Hispanic origin of mother and race of mother for mothers of non-Hispanic origin for the period 1986-87 and birth cohorts 1986 and 1987, combined; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia

[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 1986-87	Birth cohort rate 1986-87	Ratio cohort/ period rates
All origins	10.1	9.7	0.96
Hispanic total	8.0	8.3	1.04
Mexican	7.6	7.9	1.04
Puerto Rican	7.9	10.9	1.37
Cuban	6.5	7.9	1.22
Other Hispanic <sup>1</sup>	9.1	8.3	0.91
Non-Hispanic total <sup>2</sup>	9.9	9.9	1.00
Non-Hispanic White	8.3	8.2	0.99
Non-Hispanic Black	17.5	17.7	1.01

<sup>1</sup>Includes Central and South American, and other and unknown Hispanic.

<sup>2</sup>Includes races other than white and black.

## SECTION 7 - TECHNICAL APPENDIX

Table E. Period of gestation at which fetal-death reporting is required: Each reporting area, 1990

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 <sup>1</sup>						
Arkansas	X <sup>2</sup>								
California			X						
Colorado	X <sup>2</sup>								
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 <sup>2</sup>								
Maryland			X <sup>3</sup>						
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 <sup>4</sup>						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									X <sup>5</sup>
Texas			X						
Utah			X						
Vermont			X <sup>6</sup>						
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 F. Numbers of deaths and ratios of deaths for selected causes according to Alaska and NCHS, 1990

[Data by place of occurrence include deaths of nonresidents]

Causes	Alaska	NCHS	Ratio Alaska/NCHS
All causes <sup>1</sup> .....	2214	2216	1.00
Symptoms, signs, and ill-defined conditions..... 780-799	48	54	0.89
Accidents and adverse effects.....E800-E949	395	446	0.89
Motor vehicle accidents.....E810-E825	118	102	1.16
All other accidents and adverse effects.....E800-E807,E826-E949	277	344	0.81
Suicide.....E950-E959	122	71	1.72
Homicide and legal intervention.....E960-E978	45	31	1.45
All other external causes..E980-E999	2	6	0.33

<sup>1</sup>For two deaths underlying cause of death was not on the 1990 Alaska file sent to NCHS for evaluation.

## SECTION 7 - TECHNICAL APPENDIX

Table G. Source for resident population and population including Armed Forces abroad:  
Birth- and death-registration States, 1900-1932, and United States, 1900-1990

Year	Source
1990.....	U.S. Bureau of the Census, Unpublished data from the 1990 census. 1990 CPH-L-74 and unpublished data consistent with <u>Current Population Reports</u> , Serie P-25, No. 1095
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

## SECTION 7 - TECHNICAL APPENDIX

Table H. Age-adjusted death rates for selected causes, by race and sex, unadjusted and adjusted for estimated net census undercount: United States, 1990

[Based on age-specific death rates per 100,000 population in specified group. Computed by the direct method, using as the standard population the age distribution of the total population of the United States as enumerated in 1940. See section Age-Adjusted Death Rates. Numbers after causes of deaths are numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers \*042-\*044. See "Cause of Death"]

Race, sex, and adjustment for net census undercount	All causes	Malignant neoplasms including neoplasms				Diabetes mellitus (250)	Diseases of (390-398,402 404-424)	Cerebrovascular diseases (430-438)	Homicide and legal intervention (E960-E978)
		Human immunodeficiency virus infection (*042-*044)	lymphatic and hematopoietic tissues (140-209)						
<b>All Races, Both Sexes</b>									
Unadjusted	520.2	9.8	135.0		11.7	152.0	27.7	10.2	
Adjusted	512.7	9.6	133.3		11.5	149.9	27.3	10.1	
<b>Male</b>									
Unadjusted	680.2	17.7	166.3		12.3	206.7	30.2	16.3	
Adjusted	664.3	17.0	162.4		12.1	202.1	29.6	15.9	
<b>Female</b>									
Unadjusted	390.6	2.1	112.7		11.1	108.9	25.7	4.2	
Adjusted	387.9	2.1	112.6		11.0	107.9	25.4	4.2	
<b>White, Both Sexes</b>									
Unadjusted	492.8	8.0	131.5		10.4	146.9	25.5	5.9	
Adjusted	485.9	7.8	129.9		10.2	145.0	25.2	5.7	
<b>Male</b>									
Unadjusted	644.3	15.0	160.3		11.3	202.0	27.7	8.9	
Adjusted	631.0	14.4	156.9		11.1	198.2	27.3	8.7	
<b>Female</b>									
Unadjusted	369.9	1.1	111.2		9.5	103.1	23.8	2.8	
Adjusted	367.0	1.0	110.8		9.5	102.2	23.5	2.7	
<b>Black, Both Sexes</b>									
Unadjusted	789.2	25.7	182.0		24.8	213.5	48.4	39.5	
Adjusted	760.0	23.9	177.0		24.1	207.2	46.9	37.4	
<b>Male</b>									
Unadjusted	1061.3	44.2	248.1		23.6	275.9	56.1	68.7	
Adjusted	980.8	39.0	230.9		21.9	256.7	52.3	62.9	
<b>Female</b>									
Unadjusted	581.6	9.9	137.2		25.4	168.1	42.7	13.0	
Adjusted	579.4	9.7	138.4		25.7	168.2	42.7	12.7	



# 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)	
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		OTHER: <input type="checkbox"/> Nursing Home <input type="checkbox"/> Residence <input type="checkbox"/> Other (Specify)			
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		
13e. 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 +
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)				
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			
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)			
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.  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): d. _____								Approximate Interval Between Onset and 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			
		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, Sta			
31a. CERTIFIER (Check only one)		<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. <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)		
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)	

NAME OF DECEDENT: For use by physician or institution

SEE INSTRUCTIONS ON OTHER SIDE

PARENTS

INFORMANT

DISPOSITION

SEE DEFINITION ON OTHER SIDE

PRONOUNCING PHYSICIAN ONLY

ITEMS 24-26 MUST BE COMPLETED BY PERSON WHO PRONOUNCES DEATH

CAUSE OF DEATH

SEE DEFINITION ON OTHER SIDE

CERTIFIER

REGISTRAR

DEPARTMENT OF HEALTH AND HUMAN SERVICES - PUBLIC HEALTH SERVICE NATIONAL CENTER FOR HEALTH STATISTICS 1989 REVISION

## 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	<b>27. PART I.</b> 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. <u>Rupture of myocardium</u> DUE TO (OR AS A CONSEQUENCE OF)				Mins.	
Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST	b. <u>Acute myocardial infarction</u> DUE TO (OR AS A CONSEQUENCE OF)				6 days		
	c. <u>Chronic ischemic heart disease</u> DUE TO (OR AS A CONSEQUENCE OF)				5 years		
	d. _____ DUE TO (OR AS A CONSEQUENCE OF)						
CAUSE OF DEATH	<b>PART II.</b> Other significant conditions contributing to death but not resulting in the underlying cause given in Part I <u>Diabetes, Chronic obstructive pulmonary disease, smoking</u>					28a. WAS AN AUTOPSY PERFORMED? (Yes or no) <b>Yes</b>	28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) <b>Yes</b>
<b>29. MANNER OF DEATH</b> <input checked="" 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 _____		
		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	<b>27. PART I.</b> 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. <u>Cerebral laceration</u> DUE TO (OR AS A CONSEQUENCE OF)				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. <u>Open skull fracture</u> DUE TO (OR AS A CONSEQUENCE OF)				10 mins.		
	c. <u>Automobile accident</u> DUE TO (OR AS A CONSEQUENCE OF)				10 mins.		
	d. _____ DUE TO (OR AS A CONSEQUENCE OF)						
CAUSE OF DEATH	<b>PART II.</b> 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) <b>No</b>	28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) <b>No</b>
<b>29. MANNER OF DEATH</b> <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input checked="" 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) <u>11/15/85</u>	30b. TIME OF INJURY <u>1 p.</u> M	30c. INJURY AT WORK? (Yes or no) No	30d. DESCRIBE HOW INJURY OCCURRED <u>2-car collision—driver</u>		
		30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify) <u>Street</u>	30f. LOCATION (Street and Number or Rural Route Number, City or Town, State) <u>Route 4, Raleigh, North Carolina</u>				

U.S. STANDARD REPORT OF FETAL DEATH

STATE FILE NUMBER

TYPE/PRINT IN PERMANENT BLACK INK FOR INSTRUCTIONS SEE HANDBOOK

1. FACILITY NAME (If not institution, give street and number)
2. CITY, TOWN, OR LOCATION OF DELIVERY
3. COUNTY OF DELIVERY
4. DATE OF DELIVERY (Month, Day, Year)
5. SEX OF FETUS
6a. MOTHER'S NAME (First, Middle, Last)
6b. MAIDEN SURNAME
7. DATE OF BIRTH (Month, Day, Year)
8a. RESIDENCE STATE
8b. COUNTY
8c. CITY, TOWN, OR LOCATION
8d. STREET AND NUMBER
9a. INSIDE CITY LIMITS? (Yes or no)
9b. ZIP CODE
9. FATHER'S NAME (First, Middle, Last)
10. DATE OF BIRTH (Month, Day, Year)
11. OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.)
12. RACE - American Indian, Black, White, etc (Specify below)
13. EDUCATION (Specify only highest grade completed)
14. OCCUPATION AND BUSINESS/INDUSTRY (Worked during last year)
15. PREGNANCY HISTORY (Complete each section)
16. MOTHER MARRIED? (At delivery conception or any time between) (Yes or no)
17. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
18. MONTH OF PREGNANCY PRENATAL CARE BEGAN - First Second Third etc (Specify)
19. PRENATAL VISITS - Total Number (If none so state)
20. WEIGHT OF FETUS (Specify Unit)
21. CLINICAL ESTIMATE OF GESTATION (Weeks)
22a. PLURALITY - Single, Twin, Triplet, etc (Specify)
22b. IF NOT SINGLE BIRTH - Born First Second Third etc (Specify)
23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)
24. OBSTETRIC PROCEDURES (Check all that apply)
25. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)
26. METHOD OF DELIVERY (Check all that apply)
27. CONGENITAL ANOMALIES OF FETUS (Check all that apply)
28. PART I. Fetal or maternal condition directly causing fetal death
29. FETUS DIED BEFORE LABOR DURING LABOR OR DELIVERY UNKNOWN (Specify)
30. ATTENDANT'S NAME AND TITLE (Type/Print)
31. NAME AND TITLE OF PERSON COMPLETING REPORT (Type/Print)

DEPARTMENT OF HEALTH AND HUMAN SERVICES - NATIONAL CENTER FOR HEALTH STATISTICS - 1989 REVISION

PARENTS

MOTHER

FATHER

MULTIPLE BIRTHS Enter State File Number for Mate(s) LIVE BIRTH(S)

FETAL DEATH(S)

MEDICAL AND HEALTH INFORMATION

CAUSE OF FETAL DEATH

