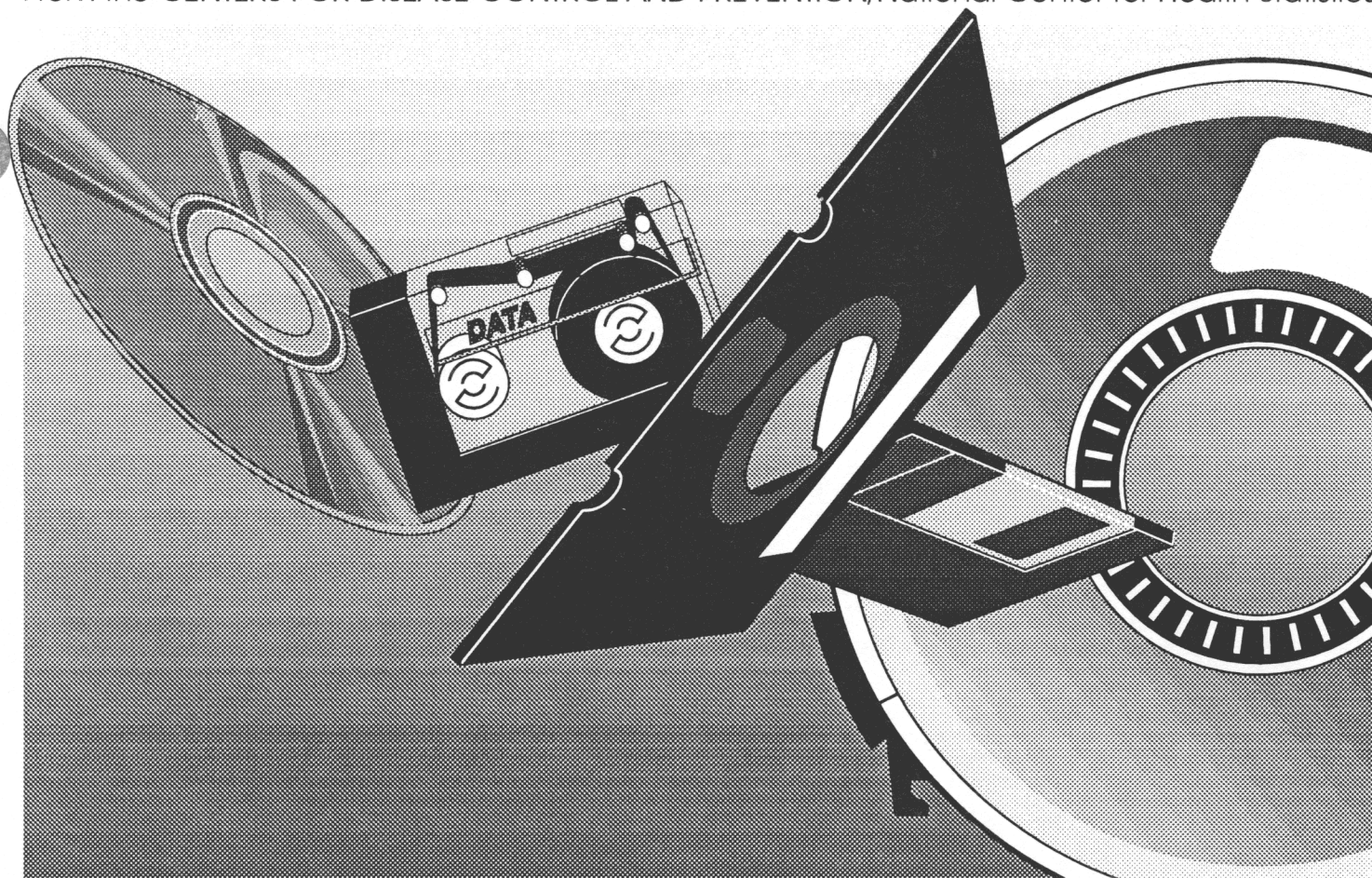


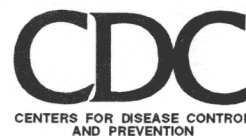
Public Use Data File Documentation

Multiple Cause of Death for ICD-9 1993 Data

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

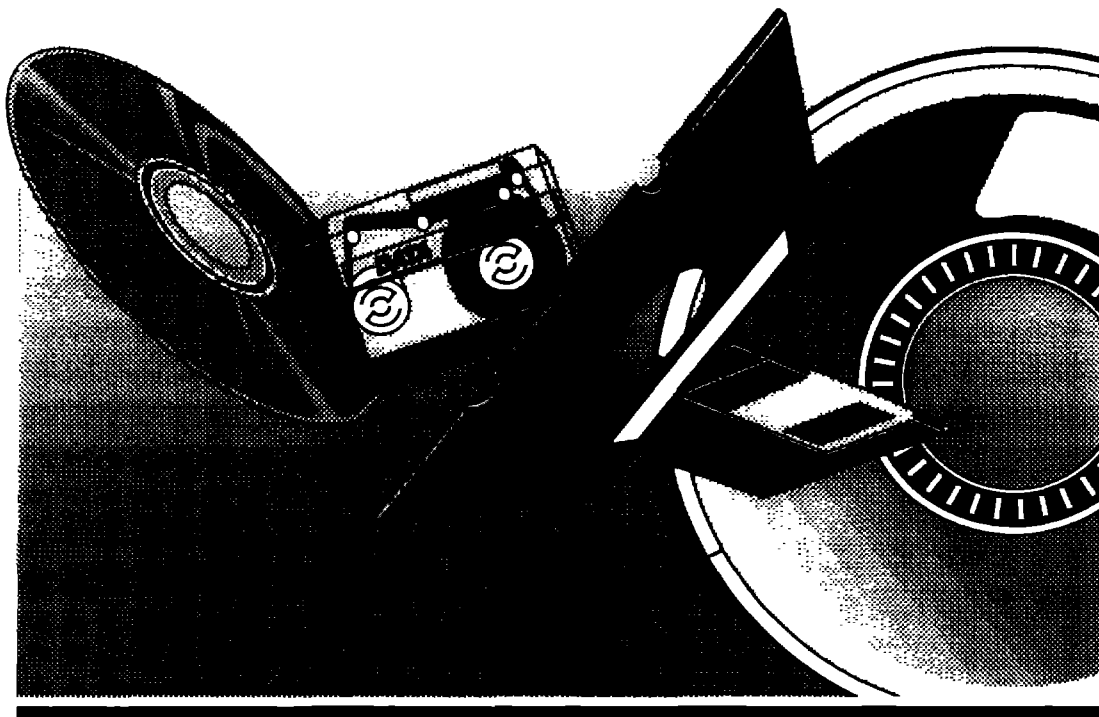


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control and Prevention
National Center for Health Statistics



Public Use Data File Documentation

Multiple Cause of Death for ICD-9 1993 Data



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

Hyattsville, Maryland
October 1995

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).

Table of Contents

- I. Introduction
- II. Data file characteristics
- III. Tape format and variable definition
- IV. Multiple Cause Data
 - A. Entity Axis Codes
 - B. Record Axis Codes
- V. Additional information
- VI. List of data elements and tape locations
- VII. Multiple Cause-of-Death record layout
- VIII. Geographic code outline
- IX. Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas as adapted for use by NCHS/DVS.
- X. Control total tables 1-10
- XI. Titles and recodes for the 282, 72, 61, 52, and 34 cause-of-death lists
- XII. Technical Appendix for 1991 along with an addendum

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 1993 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 1993. 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 1993 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 1993 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,271,947
Record Length:	440
Blocksize:	26400
Data Counts:	a. By occurrence: 2,271,947
	b. By residence: 2,268,553
	c. To foreign residents: 3,394

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

III. Tape Format and Variable Definition

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

- A. Manual of the International Statistical Classification of Diseases, Injuries, and the Cause-of-Death, Ninth Revision (ICD-9) Volumes 1 and 2.
- B. NCHS Instruction Manual Data Preparation Part 2a, Vital Statistics Instructions for Classifying the Underlying Cause-of-Death, 1993.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1993.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1993.
- 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, 1982-93.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1993.
- 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 an 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 II 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 2-7 provide additional control totals for the three cause-of-death fields by age, race, and sex. Tables 8-10 ignore cause-of-death and provide control totals based on age, race, sex, State of residence, State of occurrence, and month. Tables 1-9 are based on resident deaths in the United States (excludes deaths to non-residents). Table 10 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
g. Place of death and decedent's status	75
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
h. Usual Occupation	88-90
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
i. Injury at work	136
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

1993
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> 93 ... 1993
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

1993
Mortality Multiple Cause-of-Death Record

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

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

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

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

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

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

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

1993
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

1993
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

1993
Mortality Multiple Cause-of-Death Record

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

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

31-32	2	<u>State of Residence</u>
-------	---	---------------------------

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

1993
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

1993
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

1993
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

44-45 2 Expanded State of Residence Code

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

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

1993
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

46-48 3 NCHS PSMA/MSA of Residence

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

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

000 ... Nonmetropolitan counties
001-320 ... Code range
ZZZ ... Foreign residents
999 ... Area of less than 100,000 population

49 1 Population Size of County of Occurrence

Based on the results of the 1980 Census

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

50 1 Population Size of County of Residence

Based on the results of the 1980 Census

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

51 1 PMSA/MSA Population Size

Based on 1990 Census county population counts

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

1993
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>

1993
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>
-------	---	--------------------

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. Code 78 replaces old code 08 for all other areas. For consistency with Census races, code 09 (all other races) has been imputed.

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>
-------	---	-------------------

Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc

0	01-99	... Years less than 100
1	00-99	... Years 100 or more
2	01-11,99	... Months
3	01-03,99	... Weeks
4	01-27,99	... Days
5	01-23,99	... Hours
6	01-59,99	... Minutes
9	99	... Age not stated

1993
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

1993
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

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

1993
Mortality Multiple Cause-of-Death Record

Tape	Field	
<u>Location</u>	<u>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

1993
Mortality Multiple Cause-of-Death Record

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

1993
Mortality Multiple Cause-of-Death Record

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

1993
Mortality Multiple Cause-of-Death Record

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

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.

A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to :
U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. First Edition. Washington. U.S. Government Printing Office, April 1992.

010-960 ... Code range (not inclusive)

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

961 ... Non - paid worker or non-worker
970 ... Retired; with no other industry reported

88-90	3	<u>Usual Occupation</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.

A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to the Census Bureau publication mentioned above.

003-905 ... Code range (not inclusive)

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

913 ... Retired; with no other occupation reported
914 ... Homemaker
915 ... Student
916 ... Volunteer
917 ... None

91-93	3	<u>52 Cause Recode</u>
-------	---	------------------------

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.

010-560 ... Code range (not inclusive)

94-118	25	<u>Reserved Positions</u>
--------	----	---------------------------

1993
Mortality Multiple Cause-of-Death Record

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

1993
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

1993
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>Injury at Work</u> 1 ... Yes 2 ... No 9 ... Unknown
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

1993
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)

1993
Mortality Multiple Cause-of-Death Record

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

1993
Mortality Multiple Cause-of-Death Record

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

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>
---------	----	---------------------------

338-339	2	<u>Number of Record-Axis Conditions</u> 00-20 ... Code range
---------	---	--

340	1	<u>Reserved Position</u>
-----	---	--------------------------

341-440	100	<u>RECORD - AXIS CONDITIONS</u>
---------	-----	---------------------------------

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

1993
Mortality Multiple Cause-of-Death Record

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

RECORD - AXIS CONDITIONS - Continued

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

Geographic Code Outline

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Vital Statistics Geographic Code Outline						Page 3
MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.						
Vital Statistics Codes						FIPS Codes
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
02					Alaska	02
	001	000	2	999 9	Aleutian Islands	010 0000
	002	011	1	001 3	Anchorage, coext. with Anchorage city	020 0380
	003	000	2	999 9	Bethel	050 0000
	004	000	2	999 9	Bristol Bay borough	060 0000
	005	000	2	999 9	Dillingham	070 0000
	006	000	2		Fairbanks North Star borough	090 0000
				002 6	Fairbanks	
				999 9	Balance of area	
	007	000	2	999 9	Haines borough	100 0000
	008	000	2	003 6	Juneau, coext. with Juneau city	110 0000
	009	000	2	999 9	Kenai Peninsula borough	122 0000
	010	000	2	999 9	Ketchikan Gateway borough	130 0000
	011	000	2	999 9	Kobuk	140 0000
	012	000	2	999 9	Kodiak Island borough	150 0000
	013	000	2	999 9	Matanuska-Susitna borough	170 0000
	014	000	2	999 9	Nome	180 0000
	015	000	2	999 9	North Slope borough	185 0000
	016	000	2	999 9	Prince of Wales-Outer Ketchikan	201 0000
	017	000	2	999 9	Sitka borough	220 0000
	018	000	2	999 9	Skagway-Yakutat-Angoon	231 0000
	019	000	2	999 9	Southeast Fairbanks	240 0000
	020	000	2	999 9	Valdez-Cordova	261 0000
	021	000	2	999 9	Wade Hampton	270 0000
	022	000	2	999 9	Wrangell-Petersburg	280 0000
	023	000	2	999 9	Yukon-Koyukuk	290 0000

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

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

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

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

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

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		Quachita	103 0000
			004 6	Camden	
			999 9	Balance of county	
053	000	2	999 9	Perry	105 0000
054	000	2		Phillips	107 0000
			028 6	West Helena	
			999 9	Balance of county	
055	000	2	999 9	Pike	109 0000
056	000	2	999 9	Poinsett	111 0000
057	000	2	999 9	Polk	113 0000
058	000	2		Pope	115 0000
			021 6	Russellville	
			999 9	Balance of county	
059	000	2	999 9	Prairie	117 0000
060	171	1		Pulaski	119 4400
			012 5	Jacksonville	
			014 3	Little Rock	
			017 4	North Little Rock	
			023 6	Sherwood	
			999 9	Balance of county	
061	000	2	999 9	Randolph	121 0000
062	000	2		St. Francis	123 0000
			008 6	Forrest City	
			999 9	Balance of county	
063	171	1		Saline	125 4400
			002 6	Benton	
			999 9	Balance of county	
064	000	2	999 9	Scott	127 0000
065	000	2	999 9	Searcy	129 0000
066	106	1		Sebastian	131 2720
			009 4	Fort Smith	
			999 9	Balance of county	
067	000	2	999 9	Sevier	133 0000
068	000	2	999 9	Sharp	135 0000
069	000	2	999 9	Stone	137 0000
070	000	2		Union	139 0000
			006 5	El Dorado	
			999 9	Balance of county	
071	000	2	999 9	Van Buren	141 0000
072	098	1		Washington	143 2580
			007 5	Fayetteville	
			024 6	Springdale, part	
			999 9	Balance of county	
073	000	2		White	145 0000
			022 6	Searcy	
			999 9	Balance of county	
074	000	2	999 9	Woodruff	147 0000
075	000	2	999 9	Yell	149 0000

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
05				California	06
	001	210	1	Alameda	001 5775
			001 4	Alameda	
			002 6	Albany	
			022 3	Berkeley	
			071 3	Fremont	
			082 4	Hayward	
			107 5	Livermore	
			141 5	Newark	
			146 2	Oakland	
			163 6	Piedmont	
			168 5	Pleasanton	
			202 4	San Leandro	
			241 5	Union City	
			999 9	Balance of county	
	002	000	2	Alpine	003 0000
	003	000	2	Amador	005 0000
	004	064	1	Butte	007 1620
			037 5	Chico	
			158 6	Paradise	
			999 9	Balance of county	
	005	000	2	Calaveras	009 0000
	006	000	2	Colusa	011 0000
	007	210	1	Contra Costa	013 5775
			005 5	Antioch	
			045 3	Concord	
			061 6	El Cerrito	
			094 6	Lafayette	
			123 6	Martinez	
			136 6	Moraga Town	
			164 6	Pinole	
			165 5	Pittsburg	
			167 5	Pleasant Hill	
			180 4	Richmond	
			207 6	San Pablo	
			248 4	Walnut Creek	
			999 9	Balance of county	
	008	000	2	Del Norte	015 0000
	009	250	1	El Dorado	017 6920
			226 6	South Lake Tahoe	
			999 9	Balance of county	
	010	110	1	Fresno	019 2840
			041 5	Clovis	
			072 3	Fresno	
			178 6	Reedley	
			199 6	Sanger	
			221 6	Selma	
			999 9	Balance of county	
	011	000	2	Glenn	021 0000
	012	000	2	Humboldt	023 0000
			007 6	Arcata	
			065 6	Eureka	
			999 9	Balance of county	
	013	000	2	Imperial	025 0000
			024 6	Brawley	
			029 6	Calxico	
			060 6	El Centro	
			999 9	Balance of county	
	014	000	2	Inyo	027 0000
	015	024	1	Kern	029 0680
			013 3	Bakersfield	
			056 6	Delano	
			181 6	Ridgecrest	
			999 9	Balance of county	
	016	000	2	Kings	031 0000
			079 6	Hanford	
			999 9	Balance of county	
	017	000	2	Lake	039 0000
	018	000	2	Lassen	035 0000
	019	174	1	Los Angeles	037 4480
			003 4	Alhambra	
			006 5	Arcadia	
			009 6	Artesia	
			012 5	Azusa	
			014 4	Baldwin Park	

MSA Codes Effective With 1990 Data. All Other Codes Effective With 1982 Data.
 Vital Statistics Codes FIPS Codes
 St Cnty MSA M/NM City P/S State, County, City, or Country Name St Cnty MSA

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

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

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

Vital Statistics Geographic Code Outline						Page 10
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	999 9	Sierra	091 0000
047	000	2	999 9	Siskiyou	093 0000
048	299	1		Solano	095 8720
			021 6	Benicia	
			066 4	Fairfield	
			231 6	Suisun City	
			243 5	Vacaville	
			244 4	Vallejo	
			999 9	Balance of county	
049	266	1		Sonoma	097 7500
			161 5	Petaluma	
			183 6	Rohnert Park	
			217 4	Santa Rosa	
			999 9	Balance of county	
050	193	1		Stanislaus	099 5170
			035 6	Ceres	
			130 3	Modesto	
			238 5	Turlock	
			999 9	Balance of county	
051	319	1		Sutter	101 9340
			255 6	Yuba City	
			999 9	Balance of county	
052	000	2	999 9	Tehama	103 0000
053	000	2	999 9	Trinity	105 0000
054	303	1		Tulare	107 8780
			170 6	Porterville	
			237 6	Tulare	
			246 5	Visalia	
			999 9	Balance of county	
055	000	2	999 9	Tuolumne	109 0000
056	219	1		Ventura	111 6000
			030 5	Camarillo	
			150 3	Oxnard	
			171 6	Port Hueneme	
			191 4	San Buenaventura (Ventura)	
			216 6	Santa Paula	
			223 4	Simi Valley	
			234 4	Thousand Oaks	
			999 9	Balance of county	
057	250	1		Yolo	113 6920
			055 5	Davis	
			253 5	Woodland	
			999 9	Balance of county	
058	319	1	999 9	Yuba	115 9340

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

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

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

Vital Statistics Codes

FIPS Codes

St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
06					Colorado	08	
			999	9	Balance of county		
039	000	2			Mesa	077	0000
			014	5	Grand Junction		
			999	9	Balance of county		
040	000	2	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	Ouray	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.
 Vital Statistics Codes FIPS Codes
 St Cnty MSA M/NM City P/S State, County, City, or Country Name St Cnty MSA

07	MSA	M/NM	City	P/S	State, County, City, or Country Name	09	MSA
					Connecticut		
	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		

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
08					Delaware	10	
	001	000	2		Kent		
				001	Dover		001 0000
				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

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
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.

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

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
11				Georgia	13
			014 6	Decatur	
			999 9	Balance of county	
045	000	2	999 9	Dodge	091 0000
046	000	2	999 9	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	Glascok	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

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
12					Hawaii	15	
	001	000	2		Hawaii		001 0000
				003	Hilo		
				999	Balance of county		
	002	128	1		Honolulu		003 3320
				001	Aiea		
				002	Ewa Beach		
				004	Honolulu		
				006	Kailua		
				007	Kaneohe		
				008	Mililani Town		
				009	Mokapu		
				010	Pearl City		
				011	Schofield Barracks		
				012	Wahiawa		
				014	Waipahu		
				999	Balance of county		
	003	000	2	999	Kalawao		005 0000
	004	000	2	999	Kauai		007 0000
	005	000	2		Maui		009 0000
				005	Kahului		
				013	Wailuku		
				999	Balance of county		

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

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

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

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
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

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 9	Schuyler		169 0000
	086	000	2	999 9	Scott		171 0000
	087	000	2	999 9	Shelby		173 0000
	088	000	2	999 9	Stark		175 0000
	089	000	2		Stephenson		177 0000
				063 5	Freeport		
				999 9	Balance of county		
	090	224	1		Tazewell		179 6120
				050 6	East Peoria		
				107 6	Morton		
				130 5	Pekin, part		
				162 6	Washington		
				999 9	Balance of county		
	091	000	2	999 9	Union		181 0000
	092	000	2		Vermilion		183 0000
				040 5	Danville		
				999 9	Balance of county		
	093	000	2	999 9	Wabash		185 0000
	094	000	2		Warren		187 0000
				106 6	Monmouth		
				999 9	Balance of county		
	095	000	2	999 9	Washington		189 0000
	096	000	2	999 9	Wayne		191 0000
	097	000	2	999 9	White		193 0000
	098	000	2		Whiteside		195 0000
				140 6	Rock Falls		
				154 6	Sterling		
				999 9	Balance of county		
	099	145	1		Will		197 3690
				016 5	Bolingbrook, part		
				081 4	Joliet		
				112 5	Naperville, part		
				128 5	Park Forest, part		
				144 6	Romeoville		
				159 5	Tinley Park, part		
				999 9	Balance of county		
	100	000	2		Williamson		199 0000
				074 6	Herrin		
				098 6	Marion		
				999 9	Balance of county		
	101	249	1		Winnebago		201 6880
				095 6	Loves Park		
				141 3	Rockford		
				999 9	Balance of county		
	102	224	1	999 9	Woodford		203 6120

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

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

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

Vital Statistics Codes				FIPS Codes			
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA	
15				Indiana			18
			999 9	Balance of county			
	037	000	2 999 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.

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
15					Indiana	18
	065	095	1	999 9	Posey	129 2440
	066	000	2	999 9	Pulaski	131 0000
	067	000	2	999 9	Putnam	133 0000
	068	000	2	999 9	Randolph	135 0000
	069	000	2	999 9	Ripley	137 0000
	070	000	2	999 9	Rush	139 0000
	071	277	1		St. Joseph	141 7800
				041 5	Mishawaka	
				053 3	South Bend	
				999 9	Balance of county	
	072	000	2	999 9	Scott	143 0000
	073	133	1		Shelby	145 3480
				052 6	Shelbyville	
				999 9	Balance of county	
	074	000	2	999 9	Spencer	147 0000
	075	000	2	999 9	Starke	149 0000
	076	000	2	999 9	Steuben	151 0000
	077	000	2	999 9	Sullivan	153 0000
	078	000	2	999 9	Switzerland	155 0000
	079	156	1		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	

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	
		098	000	2	999 9	Worth		195 0000
		099	000	2	999 9	Wright		197 0000

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

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

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

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
			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	Dwensboro	
				999 9	Balance of county	
	031	000	2	999 9	Edmonson	061 0000
	032	000	2	999 9	Elliott	063 0000
	033	000	2	999 9	Estill	065 0000
	034	168	1	015 3	Fayette, coext. with Lexington-Fayette	067 4280
	035	000	2	999 9	Fleming	069 0000
	036	000	2	999 9	Floyd	071 0000
	037	000	2		Franklin	073 0000
				009 5	Frankfort	
				999 9	Balance of county	
	038	000	2	999 9	Fulton	075 0000
	039	000	2	999 9	Gallatin	077 0000
	040	000	2	999 9	Garrard	079 0000
	041	000	2	999 9	Grant	081 0000
	042	000	2		Graves	083 0000
				018 6	Mayfield	
				999 9	Balance of county	
	043	000	2	999 9	Grayson	085 0000
	044	000	2	999 9	Green	087 0000
	045	131	1	999 9	Greenup	089 3400
	046	000	2	999 9	Hancock	091 0000
	047	000	2		Hardin	093 0000
				005 6	Elizabethtown	
				025 6	Radcliff	

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

Vital Statistics Codes				FIPS Codes			
St	Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
18					Kentucky		21
				999 9	Balance of county		
	048	000	2	999 9	Harlan	095	0000
	049	000	2	999 9	Harrison	097	0000
	050	000	2	999 9	Hart	099	0000
	051	095	1		Henderson	101	2440
				012 6	Henderson		
				999 9	Balance of county		
	052	000	2	999 9	Henry	103	0000
	053	000	2	999 9	Hickman	105	0000
	054	000	2		Hopkins	107	0000
				017 6	Madisonville		
				999 9	Balance of county		
	055	000	2	999 9	Jackson	109	0000
	056	175	1		Jefferson	111	4520
				014 6	Jeffersontown		
				016 2	Louisville		
				027 6	St. Matthews		
				028 6	Shively		
				999 9	Balance of county		
	057	168	1		Jessamine	113	4280
				022 6	Nicholasville		
				999 9	Balance of county		
	058	000	2	999 9	Johnson	115	0000
	059	065	1		Kenton	117	1640
				003 5	Covington		
				006 6	Erlanger		
				999 9	Balance of county		
	060	000	2	999 9	Knott	119	0000
	061	000	2	999 9	Knox	121	0000
	062	000	2	999 9	Larue	123	0000
	063	000	2	999 9	Laurel	125	0000
	064	000	2	999 9	Lawrence	127	0000
	065	000	2	999 9	Lee	129	0000
	066	000	2	999 9	Leslie	131	0000
	067	000	2	999 9	Letcher	133	0000
	068	000	2	999 9	Lewis	135	0000
	069	000	2	999 9	Lincoln	137	0000
	070	000	2	999 9	Livingston	139	0000
	071	000	2	999 9	Logan	141	0000
	072	000	2	999 9	Lyon	143	0000
	073	000	2		McCracken	145	0000
				024 5	Paducah		
				999 9	Balance of county		
	074	000	2	999 9	McCreary	147	0000
	075	000	2	999 9	McLean	149	0000
	076	000	2		Madison	151	0000
				026 6	Richmond		
				999 9	Balance of county		
	077	000	2	999 9	Magoffin	153	0000
	078	000	2	999 9	Marion	155	0000
	079	000	2	999 9	Marshall	157	0000
	080	000	2	999 9	Martin	159	0000
	081	000	2	999 9	Mason	161	0000
	082	000	2	999 9	Meade	163	0000
	083	000	2	999 9	Menifee	165	0000
	084	000	2	999 9	Mercer	167	0000
	085	000	2	999 9	Metcalf	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	Munlenberg	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.						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
19					Louisiana	22	
	001	000	2		Acadia		001 0000
				008	Crowley		
				010	Eunice, part		
				999	Balance of parish		
	002	000	2	999	Allen		003 0000
	003	027	1	999	Ascension		005 0760
	004	000	2	999	Assumption		007 0000
	005	000	2	999	Avoyelles		009 0000
	006	000	2		Beauregard		011 0000
				009	De Ridder, part		
				999	Balance of parish		
	007	000	2	999	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	999	Caldwell		021 0000
	012	000	2	999	Cameron		023 0000
	013	000	2	999	Catahoula		025 0000
	014	000	2	999	Claiborne		027 0000
	015	000	2	999	Concordia		029 0000
	016	000	2	999	De Soto		031 0000
	017	027	1		East Baton Rouge		033 0760
				003	Baker		
				005	Baton Rouge		
				999	Balance of parish		
	018	000	2	999	East Carroll		035 0000
	019	000	2	999	East Feliciana		037 0000
	020	000	2	999	Evangeline		039 0000
	021	000	2	999	Franklin		041 0000
	022	000	2	999	Grant		043 0000
	023	000	2		Iberia		045 0000
				023	New Iberia		
				999	Balance of parish		
	024	000	2	999	Iberville		047 0000
	025	000	2	999	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	999	La Salle		059 0000
	031	000	2		Lincoln		061 0000
				027	Ruston		
				999	Balance of parish		
	032	027	1	999	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	024	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

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

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

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City P/S			St Cnty	MSA
22				Massachusetts		25	
	001	000	2	Barnstable		001	0000
				008	5		
				999	9		
	002	229	1	Berkshire		003	6323
				057	6		
				062	4		
				999	9		
	003	202	1	Bristol		005	5403
				007	5		
				027	6		
				028	4		
				054	4		
				059	6		
				073	6		
				079	5		
				999	9		
	004	000	2	Dukes		007	0000
	005	042	1	Essex		009	1123
				003	6		
				005	6		
				010	5		
				022	6		
				032	5		
				033	5		
				037	4		
				042	4		
				043	6		
				045	6		
				049	5		
				055	6		
				061	5		
				069	5		
				070	6		
				078	6		
				999	9		
	006	000	2	Franklin		011	0000
	007	281	1	Hampden		013	8003
				002	5		
				020	4		
				035	5		
				040	6		
				075	3		
				086	5		
				087	5		
				999	9		
	008	281	1	Hampshire		015	8003
				004	5		
				025	6		
				058	5		
				999	9		
	009	042	1	Middlesex		017	1123
				006	5		
				009	5		
				011	5		
				016	6		
				017	4		
				018	5		
				024	6		
				026	5		
				030	4		
				036	6		
				039	5		
				041	4		
				044	4		
				046	5		
				047	4		
				048	5		
				052	5		
				056	4		
				066	6		
				074	4		
				076	6		
				080	6		
				081	6		

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

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

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

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

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

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

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

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

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

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

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

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

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

Vital Statistics Codes				FIPS Codes	
St Cnty	MSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty MSA
26				Missouri	29
	045	000	2 999 9	Howard	089 0000
	046	000	2 999 9	Howell	091 0000
	047	000	2 999 9	Iron	093 0000
	048	149	1	Jackson	095 3760
			006 5	Blue Springs	
			019 6	Grandview	
			022 3	Independence, part	
			026 2	Kansas City, part	
			030 5	Lee's Summit, part	
			038 5	Raytown	
			999 9	Balance of county	
	049	146	1	Jasper	097 3710
			009 6	Carthage	
			025 5	Joplin, part	
			999 9	Balance of county	
	050	254	1	Jefferson	099 7040
			001 6	Arnold	
			999 9	Balance of county	
	051	000	2	Johnson	101 0000
			050 6	Warrensburg	
			999 9	Balance of county	
	052	000	2 999 9	Knox	103 0000
	053	000	2 999 9	Laclede	105 0000
	054	149	1 999 9	Lafayette	107 3760
	055	000	2 999 9	Lawrence	109 0000
	056	000	2 999 9	Lewis	111 0000
	057	000	2 999 9	Lincoln	113 0000
	058	000	2 999 9	Linn	115 0000
	059	000	2 999 9	Livingston	117 0000
	060	000	2 999 9	McDonald	119 0000
	061	000	2 999 9	Macon	121 0000
	062	000	2 999 9	Madison	123 0000
	063	000	2 999 9	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	

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
26				Missouri	
	089	149	1	Ray	29 177 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				State, County, City, or Country Name			FIPS Codes	
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	MSA
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

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

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

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

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

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

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

Vital Statistics Codes				FIPS Codes					
St	Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	MSA
32						New Mexico	35		
	001	005	1			Bernalillo	001	0200	
				002	2	Albuquerque			
				999	9	Balance of county			
	002	000	2	999	9	Catron	003	0000	
	003	000	2			Chaves	005	0000	
				011	5	Roswell			
				999	9	Balance of county			
	004	000	2	999	9	Cibola	006	0000	
	005	000	2	999	9	Colfax	007	0000	
	006	000	2			Curry	009	0000	
				005	5	Clovis			
				999	9	Balance of county			
	007	000	2	999	9	De Baca	011	0000	
	008	163	1			Dona Ana	013	4100	
				009	5	Las Cruces			
				999	9	Balance of county			
	009	000	2			Eddy	015	0000	
				003	6	Artesia			
				004	5	Carlsbad			
				999	9	Balance of county			
	010	000	2	999	9	Grant	017	0000	
	011	000	2	999	9	Guadalupe	019	0000	
	012	000	2	999	9	Harding	021	0000	
	013	000	2	999	9	Hidalgo	023	0000	
	014	000	2			Lea	025	0000	
				008	5	Hobbs			
				999	9	Balance of county			
	015	000	2	999	9	Lincoln	027	0000	
	016	265	1	999	9	Los Alamos	028	7490	
	017	000	2	999	9	Luna	029	0000	
	018	000	2			McKinley	031	0000	
				007	6	Gallup			
				999	9	Balance of county			
	019	000	2	999	9	Mora	033	0000	
	020	000	2			Otero	035	0000	
				001	6	Alamogordo			
				999	9	Balance of county			
	021	000	2	999	9	Quay	037	0000	
	022	000	2	999	9	Rio Arriba	039	0000	
	023	000	2	999	9	Roosevelt	041	0000	
	024	000	2	999	9	Sandoval	043	0000	
	025	000	2			San Juan	045	0000	
				006	5	Farmington			
				999	9	Balance of county			
	026	000	2			San Miguel	047	0000	
				010	6	Las Vegas			
				999	9	Balance of county			
	027	265	1			Santa Fe	049	7490	
				012	5	Santa Fe			
				999	9	Balance of county			
	028	000	2	999	9	Sierra	051	0000	
	029	000	2	999	9	Socorro	053	0000	
	030	000	2	999	9	Taos	055	0000	
	031	000	2	999	9	Torrance	057	0000	
	032	000	2	999	9	Union	059	0000	
	033	000	2	999	9	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	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	Chenango		017 0000
	009	000	2	Clinton		019 0000
			073 6	Plattsburgh		
			999 9	Balance of county		
	010	000	2	Columbia		021 0000
	011	000	2	Cortland		023 0000
			015 6	Cortland		
			999 9	Balance of county		
	012	000	2	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	Essex		031 0000
	016	000	2	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	Greene		039 0160
	020	000	2	Hamilton		041 0000
	021	298	1	Herkimer		043 8680
	022	000	2	Jefferson		045 0000
			096 5	Watertown		
			999 9	Balance of county		
	023	000	2	Lewis		049 0000
	024	248	1	Livingston		051 6840
	025	285	1	Madison		053 8160
			066 6	Oneida		
			999 9	Balance of county		
	026	248	1	Monroe		055 6840
			008 5	Brighton town		
			027 5	Gates town		
			032 4	Greece town		
			036 5	Henrietta town		
			038 4	Irondequoit town		

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

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

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

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

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

Vital Statistics Codes

FIPS Codes

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

St Cnty MSA

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		

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

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

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

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

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

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

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

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes		
St	Cnty	MSA	M/NM	City	P/S	St	Cnty	MSA
37							40	
	047	000	2	999	9		093	0000
	048	000	2	999	9		095	0000
	049	000	2	999	9		097	0000
	050	000	2	999	9		099	0000
	051	000	2				101	0000
				021	5			
				999	9			
	052	000	2	999	9		103	0000
	053	000	2	999	9		105	0000
	054	000	2	999	9		107	0000
	055	213	1				109	5880
				005	6			
				009	5			
				012	5			
				019	5			
				023	2			
				030	6			
				999	9			
	056	000	2				111	0000
				024	6			
				999	9			
	057	295	1				113	8560
				004	5			
				026	6			
				031	2			
				999	9			
	058	000	2				115	0000
				018	6			
				999	9			
	059	000	2	999	9		117	0000
	060	000	2				119	0000
				029	5			
				999	9			
	061	000	2				121	0000
				017	6			
				999	9			
	062	000	2				123	0000
				001	6			
				999	9			
	063	213	1				125	5880
				023	2			
				028	5			
				999	9			
	064	000	2	999	9		127	0000
	065	000	2	999	9		129	0000
	066	295	1				131	8560
				008	6			
				999	9			
	067	000	2	999	9		133	0000
	068	106	1	999	9		135	2720
	069	000	2				137	0000
				010	6			
				999	9			
	070	000	2	999	9		139	0000
	071	000	2	999	9		141	0000
	072	295	1				143	8560
				006	5			
				026	6			
				031	2			
				999	9			
	073	295	1				145	8560
				006	5			
				999	9			
	074	000	2				147	0000
				004	5			
				999	9			
	075	000	2	999	9		149	0000
	076	000	2	999	9		151	0000
	077	000	2				153	0000
				032	6			
				999	9			

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	

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
38				Oregon	
	033	000	2	Wasco	41 065 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				State, County, City, or Country Name		FIPS Codes	
St Cnty	MSA	M/NM	City	P/S		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	073 0000
			086 5	New Castle	
			999 9	Balance of county	
038	125	1		Lebanon	075 3240
			061 5	Lebanon	
			999 9	Balance of county	
039	007	1		Lehigh	077 0240
			003 3	Allentown	
			012 4	Bethlehem, part	
			040 6	Emmaus	
			107 6	Salisbury township	
			141 6	Whitehall township	
			999 9	Balance of county	
040	269	1		Luzerne	079 7560
			050 5	Hazleton	
			055 6	Kingston	
			084 6	Nanticoke	
			143 4	Wilkes-Barre	
			999 9	Balance of county	
041	312	1		Lycoming	081 9140
			145 5	Williamsport	
			999 9	Balance of county	
042	000	2		McKean	083 0000
			014 6	Bradford	
			999 9	Balance of county	
043	271	1		Mercer	085 7610
			112 6	Sharon	
			999 9	Balance of county	
044	000	2		Mifflin	087 0000
045	269	1		Monroe	089 7560
046	225	1		Montgomery	091 6160
			001 4	Abington township	
			025 5	Cheltenham township	
			036 6	East Norriton township	
			048 6	Hatfield township	
			058 6	Lansdale	
			064 4	Lower Merion township	
			065 6	Lower Moreland township	
			067 6	Lower Providence township	
			089 5	Norristown	
			100 6	Plymouth township	
			101 6	Pottstown	
			116 5	Springfield township	
			123 6	Towamencin township	
			128 6	Upper Dublin township	
			129 5	Upper Merion township	
			130 5	Upper Moreland township	
			139 6	West Norriton township	
			142 6	Whitemarsh township	
			999 9	Balance of county	
047	000	2		Montour	093 0000
048	007	1		Northampton	095 0240
			012 4	Bethlehem, part	
			037 5	Easton	
			094 6	Palmer township	
			999 9	Balance of county	
049	000	2		Northumberland	097 0000
			111 6	Shamokin	
			119 6	Sunbury	
			999 9	Balance of county	
050	125	1		Perry	099 3240
051	225	1		Philadelphia, coext. with Philadelphia city	101 6160
052	000	2		Pike	103 0000
053	000	2		Potter	105 0000
054	000	2		Schuylkill	107 0000
			102 6	Pottsville	
			999 9	Balance of county	
055	000	2		Snyder	109 0000
056	144	1		Somerset	111 3680
057	000	2		Sullivan	113 0000
058	000	2		Susquehanna	115 0000
059	000	2		Tioga	117 0000
060	000	2		Union	119 0000
061	000	2		Venango	121 0000
			093 6	Oil City	

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

Vital Statistics Codes					FIPS Codes	
St Cnty	MSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty MSA
39					Pennsylvania	42
			999	9	Balance of county	
062	000	2			Warren	123 0000
			134	6	Warren	
			999	9	Balance of county	
063	228	1			Washington	125 6280
			019	6	Canonsburg	
			135	6	Washington	
			999	9	Balance of county	
064	000	2	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	

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

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			Washington	009	6483
			999	9			

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			

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
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		

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

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

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

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

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

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

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

Vital Statistics Codes				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	999	9	Childress	075 0000
	039	000	2	999	9	Clay	077 0000
	040	000	2	999	9	Cochran	079 0000
	041	000	2	999	9	Coke	081 0000
	042	000	2	999	9	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	999	9	Collingsworth	087 0000
	045	000	2	999	9	Colorado	089 0000
	046	259	1			Comal	091 7240
				099	6	New Braunfels, part	
				999	9	Balance of county	
	047	000	2	999	9	Comanche	093 0000
	048	000	2	999	9	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	999	9	Cottle	101 0000
	052	000	2	999	9	Crane	103 0000
	053	000	2	999	9	Crockett	105 0000
	054	000	2	999	9	Crosby	107 0000
	055	000	2	999	9	Culberson	109 0000
	056	000	2	999	9	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	999	9	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	999	9	De Witt	123 0000
	063	000	2	999	9	Dickens	125 0000
	064	000	2	999	9	Dimmit	127 0000
	065	000	2	999	9	Donley	129 0000
	066	000	2	999	9	Duval	131 0000
	067	000	2	999	9	Eastland	133 0000
	068	212	1			Ector	135 5800
				101	4	Odessa	

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
				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			

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
			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

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

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
			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

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

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

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

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

Vital Statistics Codes		FIPS Codes			
St Cnty	MSA M/NM	City P/S	State, County, City, or Country Name	St Cnty	MSA
48			Washington	53	
	001	000 2	999 9 Adams	001	0000
	002	000 2	999 9 Asotin	003	0000
	003	243 1	Benton	005	6740
			011 5 Kennewick		
			029 5 Richland		
			999 9 Balance of county		
	004	000 2	Chelan	007	0000
			035 6 Wenatchee		
			999 9 Balance of county		
	005	000 2	Clallam	009	0000
			024 6 Port Angeles		
			999 9 Balance of county		
	006	300 1	Clark	011	8725
			033 5 Vancouver		
			999 9 Balance of county		
	007	000 2	999 9 Columbia	013	0000
	008	000 2	Cowlitz	015	0000
			010 6 Kelso		
			015 5 Longview		
			999 9 Balance of county		
	009	000 2	999 9 Douglas	017	0000
	010	000 2	999 9 Ferry	019	0000
	011	243 1	Franklin	021	6740
			023 6 Pasco		
			999 9 Balance of county		
	012	000 2	999 9 Garfield	023	0000
	013	000 2	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	999 9	Stevens	065 0000
034	214	1		Thurston	067 5910
			014 6	Lacey	
			022 5	Olympia	
			999 9	Balance of county	
035	000	2	999 9	Wahkiakum	069 0000
036	000	2		Walla Walla	071 0000
			034 5	Walla Walla	
			999 9	Balance of county	
037	031	1		Whatcom	073 0860
			004 5	Bellingham	
			999 9	Balance of county	
038	000	2		Whitman	075 0000
			025 6	Pullman	
			999 9	Balance of county	
039	316	1		Yakima	077 9260
			036 5	Yakima	
			999 9	Balance of county	

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

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

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

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

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

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

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

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

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

Vital Statistics Codes			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
and Adapted for Use by DVS

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

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

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
059			Charlotte-Gastonia-Rock Hill, NC-SC MSA	1520		
	34		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			Charlottesville, VA MSA	1540		
	47		Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
061			Chattanooga, TN-GA MSA	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
062			Cheyenne, WY MSA	1580		
	51		Wyoming		56	
		011	Laramie			021
063			Chicago, IL PMSA	1600		
	14		Illinois		17	
		016	Cook			031
		022	Du Page			043
		056	McHenry			111
064			Chico, CA MSA	1620		
	05		California		06	
		004	Butte			007
065			Cincinnati, OH-KY-IN PMSA	1640		
	15		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			Clarksville-Hopkinsville, TN-KY MSA	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
067			Cleveland, OH PMSA	1680		
	36		Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
068			Colorado Springs, CO MSA	1720		
	06		Colorado		08	
		021	El Paso			041
069			Columbia, MO MSA	1740		
	26		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	Allegheny			001
	49		West Virginia		54	
		029	Mineral			057
075	44		Dallas, TX PMSA	1920		
			Texas		48	
		043	Collin			085
		057	Dallas			113
		061	Denton			121
		070	Ellis			139
		129	Kaufman			257
		199	Rockwall			397
076	47		Danville, VA MSA	1950		
			Virginia		51	
		035	Danville city			590
		097	Pittsylvania			143
077	14		Davenport-Rock Island-Moline, IA-IL MSA	1960		
			Illinois		17	
		037	Henry			073
		081	Rock Island			161
	16		Iowa		19	
		082	Scott			163
078	36		Dayton-Springfield, OH MSA	2000		
			Ohio		39	
		012	Clark			023
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
079	10		Daytona Beach, FL MSA	2020		
			Florida		12	
		064	Volusia			127
080	01		Decatur, AL MSA	2030		
			Alabama		01	
		040	Lawrence			079
		052	Morgan			103
081	14		Decatur, IL MSA	2040		
			Illinois		17	
		058	Macon			115

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

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

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

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

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

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

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

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

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

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
181	36	070	Mansfield, OH MSA 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	4920	05	035
	25	017	Mississippi De Soto		28	033
	43	079	Tennessee Shelby		47	157
		084	Tipton			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	Middlesex-Somerset-Hunterdon, NJ PMSA New Jersey Hunterdon	5015	34	019
		012	Middlesex			023
		018	Somerset			035
189	44	165	Midland, TX MSA Texas Midland	5040	48	329
190	50	041	Milwaukee, WI PMSA Wisconsin Milwaukee	5080	55	079
		046	Ozaukee			089
		067	Washington			131
		068	Waukesha			133
191	24	002	Minneapolis-St. Paul, MN-WI MSA Minnesota Anoka	5120	27	003
		010	Carver			019
		013	Chisago			025
		019	Dakota			037
		027	Hennepin			053
		030	Isanti			059
		062	Ramsey			123
		070	Scott			139
		082	Washington			163
		086	Wright			171
	50		Wisconsin		55	
		056	St. Croix			109
192	01	002	Mobile, AL MSA Alabama Baldwin	5160	01	003
		049	Mobile			097
193	05	050	Modesto, CA MSA California Stanislaus	5170	06	099

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
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

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

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

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

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
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	033 113
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				FIPS Codes		
Area	State	County	Area Name and County Components	Area	State	Cnty
233	33	013	Poughkeepsie, NY MSA New York Dutchess	6460	36	027
234	40	001 002 004 005	Providence-Pawtucket-Woonsocket, RI NECMA Rhode Island Bristol Kent Providence Washington	6483	44	001 003 007 009
235	45	025	Provo-Orem, UT MSA Utah Utah	6520	49	049
236	06	051	Pueblo, CO MSA Colorado Pueblo	6560	08	101
237	50	052	Racine, WI PMSA Wisconsin Racine	6600	55	101
238	34	032 035 068 092	Raleigh-Durham, NC MSA North Carolina Durham Franklin Orange Wake	6640	37	063 069 135 183
239	42	051	Rapid City, SD MSA South Dakota Pennington	6660	46	103
240	39	006	Reading, PA MSA Pennsylvania Berks	6680	42	011
241	05	045	Redding, CA MSA California Shasta	6690	06	089
242	29	016	Reno, NV MSA Nevada Washoe	6720	32	031
243	48	003 011	Richland-Kennewick-Pasco, WA MSA Washington Benton Franklin	6740	53	005 021
244	47	023 027 030 037 053 059 061 064 086 096 100 102 108	Richmond-Petersburg, VA MSA Virginia Charles City Chesterfield Colonial Heights city Dinwiddie Goochland Hanover Henrico Hopewell city New Kent Petersburg city Powhatan Prince George Richmond city	6760	51	036 041 570 053 075 085 087 670 127 730 145 149 760
245	05	033 036	Riverside-San Bernardino, CA PMSA California Riverside San Bernardino	6780	06	065 071

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

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

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

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

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
274	19		Shreveport, LA MSA	7680		
		008	Louisiana		22	015
		009	Bossier Caddo			017
275	16		Sioux City, IA-NE MSA	7720		
		097	Iowa		19	193
	28		Woodbury		31	
		022	Nebraska Dakota			043
276	42		Sioux Falls, SD MSA	7760		
		049	South Dakota		46	
			Minnehaha			099
277	15		South Bend-Mishawaka, IN MSA	7800		
		071	Indiana		18	
			St. Joseph			141
278	48		Spokane, WA MSA	7840		
		032	Washington		53	
			Spokane			063
279	14		Springfield, IL MSA	7880		
		065	Illinois		17	
		084	Menard			129
			Sangamon			167
280	26		Springfield, MO MSA	7920		
		022	Missouri		29	
		039	Christian			043
			Greene			077
281	22		Springfield, MA NECMA	8003		
		007	Massachusetts		25	
		008	Hampden			013
			Hampshire			015
282	39		State College, PA MSA	8050		
		014	Pennsylvania		42	
			Centre			027
283	36		Steubenville-Weirton, OH-WV MSA	8080		
		041	Ohio		39	
		049	Jefferson		54	081
		005	West Virginia			009
		015	Brooke			029
			Hancock			
284	05		Stockton, CA MSA	8120		
		039	California		06	
			San Joaquin			077
285	33		Syracuse, NY MSA	8160		
		025	New York		36	
		032	Madison			053
		036	Onondaga			067
			Oswego			075
286	48		Tacoma, WA PMSA	8200		
		027	Washington		53	
			Pierce			053
287	10		Tallahassee, FL MSA	8240		
		020	Florida		12	
		037	Gadsden			039
			Leon			073
288	10		Tampa-St. Petersburg-Clearwater, FL MSA	8280		
		027	Florida		12	
		029	Hernando			053
		051	Hillsborough			057
		052	Pasco			101
			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		
		011	Indiana		18	
		084	Clay			021
			Vigo			167
290	04		Texarkana, TX-Texarkana, AR MSA	8360		
		046	Arkansas		05	
	44		Miller			091
		019	Texas		48	
			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

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

Vital Statistics Codes			Area Name and County Components	FIPS Codes		
Area	State	County		Area	State	Cnty
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, 1993

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	-	-	-	-	008.3	2	3	1	3	017.1	-	-	-	-
001.1	-	-	-	-	008.4	287	629	342	629	017.2	2	8	6	9
001.9	-	-	-	-	008.5	4	12	8	12	017.3	-	-	-	-
002.0	-	-	-	-	008.6	2	2	-	2	017.4	-	-	-	-
002.1	-	-	-	-	008.8	82	148	66	149	017.5	-	-	-	-
002.2	-	-	-	-	009.0	228	329	101	333	017.6	2	4	2	1
002.3	-	-	-	-	009.2	10	18	8	18	017.7	-	1	1	1
002.9	-	-	-	-	010.0	-	-	-	-	017.8	11	17	8	14
003.0	19	48	29	48	010.1	-	-	-	-	018.0	1	1	-	1
003.1	27	44	17	52	010.8	-	-	-	-	018.8	1	3	2	4
003.2	4	4	2	4	010.9	-	-	-	-	018.9	153	225	76	252
003.8	-	-	-	-	011.0	-	-	-	-	020.0	-	-	-	-
003.9	2	7	5	8	011.1	-	-	-	-	020.1	-	-	-	-
004.0	-	-	-	-	011.2	30	55	26	52	020.2	1	2	1	2
004.1	-	-	-	-	011.3	14	14	1	1	020.3	-	-	-	-
004.2	-	-	-	-	011.4	56	41	2	7	020.4	-	-	-	-
004.3	1	2	1	2	011.5	22	25	3	3	020.5	-	1	1	1
004.8	-	-	-	-	011.6	174	185	22	48	020.8	-	-	-	-
004.9	4	8	4	9	011.7	6	9	4	-	020.9	1	1	-	1
005.0	-	1	1	1	011.8	4	6	2	3	021	-	-	-	-
005.1	-	1	1	1	011.9	941	2813	1884	3447	022.0	-	-	-	-
005.2	2	2	-	2	012.0	25	41	17	25	022.1	-	-	-	-
005.3	-	-	-	-	012.1	1	2	1	2	022.2	-	-	-	-
005.4	-	-	-	-	012.2	-	-	-	-	022.3	-	-	-	-
005.8	1	1	-	1	012.3	-	3	3	3	022.8	-	-	-	-
005.9	3	5	2	5	012.8	3	6	3	3	022.9	-	-	-	-
006.0	-	-	-	-	013.0	36	66	30	87	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	1	2	1	2	023.2	-	-	-	-
006.3	-	-	-	-	013.9	1	2	1	3	023.3	-	-	-	-
006.4	1	1	-	1	014	15	30	15	36	023.8	-	-	-	-
006.5	-	-	-	-	015.0	58	120	62	119	023.9	1	1	-	1
006.6	-	-	-	-	015.1	1	1	-	1	024	-	-	-	-
006.8	2	3	1	3	015.2	-	2	2	2	025	-	-	-	-
006.9	3	8	5	9	015.7	-	1	1	2	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	-	-	-	026.1	-	-	-	-
007.1	1	8	7	8	015.9	1	8	7	2	026.9	-	-	-	-
007.2	11	22	11	420	016.0	6	17	12	16	027.0	77	101	24	102
007.3	-	-	-	-	016.1	1	3	2	2	027.1	-	-	-	-
007.8	-	-	-	-	016.2	-	-	-	-	027.2	6	7	1	7
007.9	-	1	1	1	016.3	-	-	-	-	027.8	-	-	-	-
008.0	4	4	1	4	016.4	-	-	-	-	027.9	-	-	-	-
008.1	-	-	-	-	016.9	-	1	1	1	030.0	-	-	-	-
008.2	-	-	-	-	017.0	65	344	280	345	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, 1993

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	7	13	6	13	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	1	7	6	7	040.8	66	78	12	78	050.9	-	-	-	-
031.0	356	3438	3082	3435	041.0	43	129	86	129	051.0	-	-	-	-
031.1	-	4	4	4	041.1	160	523	363	523	051.1	-	-	-	-
031.8	3	9	6	11	041.2	8	16	8	16	051.2	-	-	-	-
031.9	70	406	337	608	041.3	8	41	33	41	051.9	-	-	-	-
032.0	-	-	-	-	041.4	16	108	92	108	052	100	141	41	141
032.1	-	-	-	-	041.5	7	27	20	27	053.0	1	2	1	2
032.2	-	-	-	-	041.6	6	38	32	38	053.1	14	96	82	84
032.3	-	-	-	-	041.7	37	207	170	207	053.2	-	8	8	8
032.8	-	-	-	-	041.8	25	73	48	73	053.7	1	5	4	5
032.9	-	-	-	-	041.9	56	97	41	125	053.8	-	-	-	-
033.0	1	1	-	1	042.0	5899	6548	692	6	053.9	84	484	400	510
033.1	-	-	-	-	042.1	7114	6816	341	14	054.0	-	-	-	-
033.8	-	-	-	-	042.2	2895	3569	686	4	054.1	-	10	10	10
033.9	6	9	3	9	042.9	19767	22994	3282	37360	054.2	1	5	4	6
034.0	5	5	1	5	043.0	-	-	-	-	054.3	94	138	44	141
034.1	-	1	1	1	043.1	110	117	9	181	054.4	-	2	2	2
035	8	14	6	14	043.2	18	39	21	-	054.5	7	10	3	8
036.0	70	77	8	77	043.3	135	136	24	9	054.6	-	1	1	1
036.1	3	5	2	3	043.9	13	23	11	48	054.7	30	75	45	76
036.2	135	166	31	162	044.0	1	3	2	2	054.8	-	-	-	-
036.3	34	44	10	44	044.9	1315	2119	813	6458	054.9	55	266	211	297
036.4	-	-	-	-	045.0	-	-	-	-	055.0	-	-	-	-
036.8	1	1	-	1	045.1	-	-	-	-	055.1	-	-	-	-
036.9	17	19	2	27	045.2	-	-	-	-	055.2	-	-	-	-
037	11	11	-	11	045.9	-	-	-	-	055.7	-	-	-	-
038.0	296	1072	776	1094	046.0	-	-	-	-	055.8	-	-	-	-
038.1	1002	3867	2865	3962	046.1	213	239	26	257	055.9	-	2	2	2
038.2	169	346	177	706	046.2	10	14	4	14	056.0	-	-	-	-
038.3	50	224	174	224	046.3	65	84	19	677	056.7	-	-	-	-
038.4	933	4884	3951	5014	046.8	-	1	1	1	056.8	-	-	-	-
038.8	96	510	414	529	046.9	-	-	-	-	056.9	-	-	-	-
038.9	18088	93201	75115	95061	047.0	-	-	-	-	057.0	-	1	1	1
039.0	-	2	2	2	047.1	-	-	-	-	057.8	4	11	7	11
039.1	40	63	25	55	047.8	-	-	-	-	057.9	1	1	-	1
039.2	-	-	-	-	047.9	33	59	26	60	060.0	-	-	-	-
039.3	-	-	-	-	048	26	28	2	28	060.1	-	-	-	-
039.4	-	-	-	-	049.0	13	24	11	24	060.9	-	-	-	-
039.8	3	7	4	7	049.1	-	-	-	-	061	-	-	-	-
039.9	25	57	32	79	049.8	5	6	1	7	062.0	-	-	-	-
040.0	73	183	110	183	049.9	116	152	36	154	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, 1993

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	2	1	2	074.2	3	5	2	5	083.9	1	1	-	1
062.3	1	1	-	1	074.3	-	-	-	-	084.0	4	4	-	4
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	-	-	-
062.5	-	-	-	-	075	18	30	12	30	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	7	13	6	13
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	-	-	-	084.8	-	-	-	-
063.9	-	-	-	-	077.3	-	-	-	-	084.9	1	1	-	1
064	1	-	-	-	077.4	-	-	-	-	085.0	-	-	-	-
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	-
065.1	-	-	-	-	077.9	-	-	-	-	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	8	8	8	085.3	-	-	-	-
065.3	-	-	-	-	078.1	-	2	2	2	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	-	-	-	-	085.9	1	1	-	1
065.9	-	-	-	-	078.4	-	-	-	-	086.0	2	2	-	2
066.0	-	-	-	-	078.5	309	2419	2112	3299	086.1	-	-	-	-
066.1	-	-	-	-	078.6	14	14	-	14	086.2	-	-	-	-
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	82	130	48	130	086.4	-	-	-	-
066.8	-	-	-	-	079.0	3	7	4	7	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	-	-	-	086.9	-	-	-	-
070.0	2	4	2	1	079.2	3	4	1	4	087.0	-	-	-	-
070.1	93	169	76	172	079.3	-	1	1	1	087.1	-	-	-	-
070.2	64	77	13	-	079.8	17	37	20	37	087.9	-	-	-	-
070.3	977	1749	772	1826	079.9	305	529	224	547	088.0	-	1	1	1
070.4	65	96	31	1	080	-	-	-	-	088.8	-	20	20	20
070.5	1005	1905	900	2001	081.0	-	-	-	-	088.9	-	-	-	-
070.6	16	17	1	-	081.1	-	-	-	-	090.0	-	2	2	2
070.9	267	420	153	437	081.2	-	-	-	-	090.1	-	-	-	-
071	1	1	-	1	081.9	-	1	1	1	090.2	3	4	1	4
072.0	-	-	-	-	082.0	5	7	2	7	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	7	9	2	9
072.2	-	-	-	-	082.2	-	-	-	-	090.5	-	2	2	2
072.3	-	-	-	-	082.3	-	-	-	-	090.6	-	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	-	-	-	-
072.8	-	-	-	-	082.9	-	-	-	-	090.9	9	22	13	22
072.9	-	1	1	1	083.0	-	-	-	-	091.0	-	1	1	1
073	1	1	-	1	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	-	-	-
074.1	-	-	-	-	083.8	-	-	-	-	091.3	1	6	5	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, 1993

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
091.4	-	-	-	-	102.0	-	-	-	-	115.9	69	222	155	341
091.5	-	-	-	-	102.1	-	-	-	-	116.0	38	55	17	55
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	1	1	1	102.5	-	-	-	-	117.1	2	6	4	6
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	438	895	457	895
093.0	-	-	-	-	102.8	...	-	-	-	117.4	-	-	-	-
093.1	1	2	1	2	102.9	-	-	-	-	117.5	199	355	156	1513
093.2	-	1	1	-	103.0	-	-	-	-	117.6	-	1	1	1
093.8	3	6	3	3	103.1	-	-	-	-	117.7	52	90	38	90
093.9	2	1	-	-	103.2	-	-	-	-	117.8	-	-	-	-
094.0	3	19	16	19	103.3	-	-	-	-	117.9	696	1323	627	1392
094.1	4	6	2	6	103.9	-	-	-	-	118	-	5	5	5
094.2	3	4	1	3	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	3	4	2	2	104.9	-	-	-	-	120.2	-	-	-	-
094.9	25	91	66	91	110.0	-	-	-	-	120.3	-	-	-	-
095	-	2	2	1	110.1	-	2	2	2	120.8	-	-	-	-
096	...	4	4	4	110.2	-	-	-	-	120.9	2	2	-	2
097.0	10	45	35	47	110.3	-	-	-	-	121.0	-	1	1	1
097.1	...	22	22	22	110.4	-	2	2	2	121.1	1	1	-	1
097.9	6	87	81	95	110.5	-	-	-	-	121.2	-	1	1	1
098.0	2	3	1	3	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	1	1	1	110.8	1	2	1	2	121.4	-	-	-	-
098.2	-	-	-	-	110.9	-	9	9	11	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	1	1	1	121.6	-	-	-	-
098.4	-	1	1	1	111.1	-	7	7	8	121.8	-	-	-	-
098.5	-	3	3	-	111.2	-	-	-	-	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	-	-	-	122.1	-	-	-	-
098.8	3	3	-	3	111.9	1	7	6	7	122.2	-	-	-	-
099.0	-	-	-	-	112.0	6	183	177	185	122.3	-	-	-	-
099.1	2	2	-	2	112.1	-	2	2	2	122.4	-	-	-	-
099.2	-	-	-	-	112.2	9	34	25	34	122.5	-	-	-	-
099.3	3	9	6	9	112.3	-	1	1	1	122.6	-	-	-	-
099.4	-	-	-	-	112.4	61	101	49	96	122.7	-	-	-	-
099.8	-	-	-	-	112.5	460	810	351	836	122.8	2	2	-	2
099.9	3	5	2	5	112.8	58	332	276	359	122.9	-	-	-	-
100.0	-	-	-	-	112.9	114	475	361	529	123.0	-	-	-	-
100.8	-	-	-	-	114	117	194	77	249	123.1	18	22	4	22
100.9	1	2	1	2	115.0	2	9	7	12	123.2	-	-	-	-
101	-	-	-	-	115.1	-	-	-	-	123.3	-	-	-	-

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
123.4	-	-	-	-	132.9	-	2	2	2	142.0	542	634	92	634
123.5	-	-	-	-	133.0	1	4	3	4	142.1	47	53	6	53
123.6	-	-	-	-	133.8	-	-	-	-	142.2	-	-	-	-
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	1	1	1	134.0	-	1	1	1	142.9	111	133	22	133
124	-	-	-	-	134.1	-	-	-	-	143.0	14	19	5	19
125.0	-	-	-	-	134.2	-	-	-	-	143.1	57	84	27	84
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	-	-	-	143.9	48	65	17	65
125.3	-	-	-	-	135	586	963	377	963	144.0	-	-	-	-
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	10	22	12	22	144.8	-	-	-	-
125.6	-	-	-	-	136.2	-	-	-	-	144.9	287	363	76	363
125.7	-	-	-	-	136.3	500	635	141	4033	145.0	37	44	7	44
125.9	-	-	-	-	136.4	-	-	-	-	145.1	2	2	-	2
126.0	-	-	-	-	136.5	-	-	-	-	145.2	39	50	11	50
126.1	-	-	-	-	136.8	7	13	6	13	145.3	94	132	38	132
126.2	-	-	-	-	136.9	289	1238	951	2050	145.4	9	14	5	14
126.3	-	-	-	-	137.0	159	523	364	523	145.5	155	199	45	202
126.8	-	-	-	-	137.1	-	-	-	-	145.6	22	25	3	25
126.9	1	1	-	1	137.2	-	-	-	-	145.8	1	1	-	1
127.0	-	2	2	2	137.3	1	1	-	1	145.9	959	1204	247	1253
127.1	-	-	-	-	137.4	-	6	6	6	146.0	501	617	116	617
127.2	11	20	9	21	138	188	766	578	766	146.1	31	39	8	39
127.3	-	-	-	-	139.0	8	14	6	14	146.2	5	7	2	7
127.4	-	-	-	-	139.1	-	-	-	-	146.3	5	5	-	5
127.5	1	2	1	2	139.8	106	309	203	306	146.4	-	-	-	-
127.6	-	-	-	-	140.0	3	6	3	6	146.5	-	-	-	-
127.7	-	-	-	-	140.1	14	21	7	21	146.6	-	-	-	-
127.8	1	1	-	1	140.3	-	-	-	-	146.7	-	-	-	-
127.9	2	2	-	2	140.4	-	1	1	1	146.8	2	2	-	2
128.0	1	3	2	3	140.5	-	-	-	-	146.9	475	550	75	552
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	1	1	-	1	140.8	-	-	-	-	147.1	12	13	1	13
128.9	1	1	-	1	140.9	78	116	38	116	147.2	1	1	-	1
129	-	-	-	-	141.0	141	175	34	175	147.3	-	-	-	-
130	66	94	29	1370	141.1	-	-	-	-	147.8	-	-	-	-
131.0	1	2	1	2	141.2	1	1	-	1	147.9	680	759	79	759
131.8	-	-	-	-	141.3	-	-	-	-	148.0	1	1	-	1
131.9	-	-	-	-	141.4	-	-	-	-	148.1	192	230	38	230
132.0	-	-	-	-	141.5	-	-	-	-	148.2	1	1	-	1
132.1	-	-	-	-	141.6	8	8	-	8	148.3	-	-	-	-
132.2	-	-	-	-	141.8	-	-	-	-	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1674	2062	388	2065	148.9	283	328	45	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
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1993

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
149.0	1708	2239	531	2258	155.2	3729	4400	671	4462	163.9	415	489	74	489
149.1	-	-	-	-	156.0	2075	2244	169	2244	164.0	141	166	25	166
149.8	-	-	-	-	156.1	958	1067	109	1067	164.1	71	110	39	110
149.9	1	1	-	1	156.2	271	316	45	316	164.2	4	4	-	4
150.0	8	11	3	11	156.8	1	1	-	1	164.3	2	2	-	2
150.1	3	3	-	3	156.9	498	538	40	555	164.8	-	-	-	-
150.2	1	1	-	1	157.0	473	505	32	505	164.9	186	239	53	244
150.3	4	5	1	5	157.1	19	33	14	33	165.0	4	5	1	5
150.4	4	4	-	4	157.2	32	42	10	42	165.8	-	1	1	1
150.5	92	105	13	105	157.3	10	10	-	10	165.9	7	9	2	10
150.8	1	1	-	1	157.4	131	139	8	139	170.0	44	58	15	58
150.9	10337	11416	1079	11420	157.8	-	-	-	-	170.1	69	102	33	102
151.0	689	748	59	748	157.9	25780	27105	1325	27121	170.2	113	152	39	152
151.1	7	8	1	8	158.0	263	312	49	312	170.3	14	19	5	19
151.2	6	6	-	6	158.8	41	55	14	55	170.4	28	33	5	33
151.3	7	7	-	7	158.9	252	295	43	297	170.5	1	1	-	1
151.4	-	-	-	-	159.0	838	1057	219	1077	170.6	74	88	14	88
151.5	-	-	-	-	159.1	17	28	11	28	170.7	65	77	12	77
151.6	1	1	-	1	159.8	2	3	1	3	170.8	2	2	-	2
151.8	3	3	-	3	159.9	461	545	84	555	170.9	800	1015	215	1020
151.9	13137	14546	1409	14551	160.0	42	50	8	50	171.0	60	71	11	71
152.0	452	509	57	509	160.1	13	17	4	17	171.2	48	59	11	59
152.1	40	45	5	45	160.2	217	257	40	257	171.3	190	238	48	238
152.2	54	62	8	62	160.3	30	38	8	38	171.4	76	96	20	96
152.3	1	1	-	1	160.4	5	5	-	5	171.5	192	216	24	216
152.8	28	42	14	42	160.5	10	12	2	12	171.6	108	124	16	124
152.9	451	505	54	508	160.8	-	-	-	-	171.7	9	13	4	13
153.0	23	30	7	30	160.9	197	240	43	240	171.8	2	2	-	2
153.1	148	188	40	188	161.0	63	125	62	125	171.9	2958	3219	262	3253
153.2	170	210	40	210	161.1	169	227	58	227	172.0	2	2	-	2
153.3	918	1132	214	1138	161.2	9	10	1	10	172.1	1	1	-	1
153.4	777	992	215	992	161.3	2	3	1	3	172.2	28	32	4	32
153.5	135	145	10	145	161.8	-	-	-	-	172.3	81	101	20	103
153.6	598	731	133	731	161.9	3738	5230	1492	5238	172.4	86	104	18	104
153.7	25	31	6	31	162.0	128	179	52	179	172.5	214	231	17	231
153.8	2	4	2	4	162.2	137	152	15	152	172.6	131	144	13	144
153.9	45926	54690	8765	54880	162.3	1016	1182	166	1182	172.7	141	156	15	156
154.0	1481	1653	172	1595	162.4	69	90	21	90	172.8	3	4	1	4
154.1	6364	7535	1171	7593	162.5	411	479	68	479	172.9	6025	6594	569	6693
154.2	42	50	8	50	162.8	-	-	-	-	173.0	3	11	8	11
154.3	284	352	68	352	162.9	147094	158961	11869	159041	173.1	7	18	11	18
154.8	62	71	9	71	163.0	1	2	1	2	173.2	147	216	69	216
155.0	4436	4805	369	4806	163.1	2	2	-	2	173.3	248	438	190	447
155.1	1898	1997	99	1997	163.8	-	-	-	-	173.4	1007	1264	257	1267

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, 1993

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
173.5	69	93	24	95	187.4	184	242	58	242	192.1	112	166	54	166
173.6	39	63	24	65	187.5	1	1	-	1	192.2	57	92	35	92
173.7	52	82	30	85	187.6	4	4	-	4	192.3	1	1	-	1
173.8	1	1	1	1	187.7	12	16	4	16	192.8	-	-	-	-
173.9	610	1142	532	3693	187.8	4	4	-	4	192.9	60	71	11	76
174.0	8	18	10	18	187.9	11	16	5	17	193	1130	1412	282	1412
174.1	-	-	-	-	188.0	-	2	2	2	194.0	580	655	75	655
174.2	-	-	-	-	188.1	3	3	-	3	194.1	10	13	3	13
174.3	1	1	-	1	188.2	-	-	-	-	194.3	27	48	21	48
174.4	-	-	-	-	188.3	-	-	-	-	194.4	28	30	2	30
174.5	1	1	-	1	188.4	-	-	-	-	194.5	3	4	1	4
174.6	-	1	1	1	188.5	2	7	5	7	194.6	20	22	2	22
174.8	3	3	-	3	188.6	-	-	-	-	194.8	2	4	2	4
174.9	43542	52939	9397	52940	188.7	10	10	-	10	194.9	62	72	10	73
175	355	455	100	455	188.8	-	-	-	-	195.0	1671	1977	306	2328
179	2935	3641	706	3697	188.9	10947	14532	3585	14533	195.1	189	223	34	283
180.0	31	36	5	36	189.0	10154	11779	1625	11779	195.2	1145	1288	143	1666
180.1	-	-	-	-	189.1	168	182	14	182	195.3	281	352	71	452
180.8	2	2	-	2	189.2	314	411	97	411	195.4	23	32	9	41
180.9	4550	5161	611	5161	189.3	134	169	35	169	195.5	44	65	21	76
181	19	20	1	20	189.4	-	-	-	-	195.8	102	118	16	148
182.0	3163	3728	566	3728	189.8	-	-	-	-	196.0	...	133	133	133
182.1	-	-	-	-	189.9	37	44	7	49	196.1	...	108	108	108
182.8	-	-	-	-	190.0	2	4	2	4	196.2	...	133	133	133
183.0	12870	13870	1000	13870	190.1	49	72	23	72	196.3	...	39	39	39
183.2	155	163	8	163	190.2	3	4	1	4	196.5	...	17	17	17
183.3	2	2	-	2	190.3	1	1	-	1	196.6	...	17	17	17
183.4	1	1	-	1	190.4	1	1	-	1	196.8	...	1	1	1
183.5	-	-	-	-	190.5	29	39	10	39	196.9	...	1414	1414	1414
183.8	4	4	-	4	190.6	9	10	1	10	197.0	...	17809	17809	17809
183.9	1	2	1	3	190.7	9	9	-	9	197.1	...	590	590	590
184.0	436	536	100	536	190.8	-	-	-	-	197.2	...	1074	1074	1074
184.1	7	8	1	8	190.9	152	193	41	194	197.3	...	282	282	282
184.2	1	1	-	1	191.0	343	377	34	377	197.4	...	155	155	155
184.3	-	1	1	1	191.1	168	181	13	181	197.5	...	2619	2619	2619
184.4	677	843	166	843	191.2	119	128	9	128	197.6	...	1426	1426	1426
184.8	30	34	4	34	191.3	100	110	10	110	197.7	...	26330	26330	26330
184.9	50	59	9	62	191.4	23	30	7	30	197.8	...	2058	2058	2058
185	34865	48451	13589	48455	191.5	23	27	4	27	198.0	...	548	548	548
186.0	-	-	-	-	191.6	204	221	17	221	198.1	...	669	669	669
186.9	374	457	83	457	191.7	204	221	17	221	198.2	...	634	634	634
187.1	1	1	-	1	191.8	58	59	3	59	198.3	...	19238	19238	19238
187.2	2	2	-	2	191.9	10507	11200	693	11237	198.4	...	1011	1011	1011
187.3	1	2	1	2	192.0	14	17	3	17	198.5	...	15234	15234	15234

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, 1993

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
198.6	...	418	418	418	206.9	22	34	12	34	213.4	-	-	-	-
198.7	...	752	752	752	207.0	82	88	6	88	213.5	-	-	-	-
198.8	...	11330	11330	11330	207.1	-	-	-	-	213.6	-	1	1	1
199.0	1365	22500	21135	22500	207.2	31	35	4	35	213.7	1	1	-	1
199.1	32637	67046	34412	57817	207.8	65	85	20	85	213.8	-	-	-	-
200.0	187	230	43	232	208.0	2878	3116	238	3249	213.9	2	4	2	4
200.1	634	772	138	772	208.1	150	267	117	277	214	6	19	13	19
200.2	119	129	10	175	208.2	3	4	1	4	215.0	-	1	1	1
200.8	321	390	69	411	208.8	14	19	5	19	215.2	-	-	-	-
201.0	-	-	-	-	208.9	2076	2766	690	2935	215.3	-	1	1	1
201.1	-	-	-	-	210.0	-	1	1	1	215.4	-	3	3	3
201.2	1	1	-	1	210.1	-	-	-	-	215.5	2	4	2	4
201.4	2	2	-	2	210.2	2	9	7	9	215.6	-	1	1	1
201.5	18	21	3	21	210.3	-	-	-	-	215.7	-	-	-	-
201.6	3	4	1	4	210.4	1	1	-	1	215.8	-	-	-	-
201.7	3	3	-	3	210.5	-	-	-	-	215.9	21	57	36	57
201.9	1547	2071	524	2073	210.6	-	-	-	-	216.0	-	-	-	-
202.0	182	218	37	218	210.7	-	1	1	1	216.1	-	-	-	-
202.1	143	218	75	218	210.8	-	-	-	-	216.2	-	-	-	-
202.2	11	19	9	19	210.9	1	4	3	4	216.3	-	1	1	1
202.3	15	16	1	16	211.0	-	3	3	3	216.4	-	-	-	-
202.4	126	193	67	193	211.1	18	44	26	44	216.5	2	4	2	4
202.5	-	-	-	-	211.2	2	6	4	6	216.6	-	-	-	-
202.6	4	5	1	5	211.3	55	322	267	322	216.7	1	2	1	2
202.8	18854	22848	3998	23952	211.4	1	6	5	5	216.8	-	-	-	-
202.9	35	50	16	51	211.5	11	19	8	19	216.9	23	38	15	38
203.0	9815	11764	1949	11764	211.6	7	13	6	13	217	-	1	1	1
203.1	51	78	27	78	211.7	10	28	18	28	218	21	81	60	81
203.8	26	43	17	43	211.8	6	7	1	7	219.0	-	-	-	-
204.0	1385	1531	146	1562	211.9	7	9	2	9	219.1	-	1	1	1
204.1	4186	6574	2388	6574	212.0	2	3	1	3	219.8	-	-	-	-
204.2	2	2	-	2	212.1	2	6	4	6	219.9	1	1	-	1
204.8	-	-	-	-	212.2	2	3	1	3	220	13	34	21	34
204.9	323	457	134	475	212.3	7	13	6	13	221.0	-	-	-	-
205.0	5559	5858	299	5953	212.4	1	1	-	1	221.1	-	-	-	-
205.1	2303	2842	539	2842	212.5	1	2	1	2	221.2	1	1	-	1
205.2	3	4	1	4	212.6	24	51	27	51	221.8	-	-	-	-
205.3	12	19	7	19	212.7	50	97	47	97	221.9	-	-	-	-
205.8	1	2	1	2	212.8	-	1	1	1	222.0	-	1	1	1
205.9	244	304	60	317	212.9	-	-	-	1	222.1	-	-	-	-
206.0	174	191	17	191	213.0	-	-	-	-	222.2	-	2	2	2
206.1	17	25	8	25	213.1	4	5	1	5	222.3	-	-	-	-
206.2	-	-	-	-	213.2	1	4	3	4	222.4	-	-	-	-
206.8	-	-	-	-	213.3	-	-	-	-	222.8	-	-	-	-

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	-
223.0	7	17	10	17	230.7	-	-	-	-	236.4	-	1	1	1
223.1	-	-	-	-	230.8	1	1	-	1	236.5	1	1	-	1
223.2	2	2	-	2	230.9	-	-	-	-	236.6	1	1	-	1
223.3	-	1	1	1	231.0	-	-	-	-	236.7	1	3	2	3
223.8	-	-	-	-	231.1	-	-	-	-	236.9	5	7	3	7
223.9	-	-	-	-	231.2	-	-	-	-	237.0	74	109	35	109
224.0	-	-	-	-	231.8	-	-	-	-	237.1	2	5	3	5
224.1	-	-	-	-	231.9	-	-	-	-	237.2	1	1	-	1
224.2	-	-	-	-	232.0	-	-	-	-	237.3	5	9	4	9
224.3	-	-	-	-	232.1	-	-	-	-	237.4	2	2	-	2
224.4	-	-	-	-	232.2	-	-	-	-	237.5	27	28	1	28
224.5	-	-	-	-	232.3	-	1	1	1	237.6	-	1	1	1
224.6	-	-	-	-	232.4	-	1	1	1	237.7	75	278	203	278
224.7	-	-	-	-	232.5	-	-	-	-	237.9	-	-	-	-
224.8	-	-	-	-	232.6	-	1	1	1	238.0	10	17	7	17
224.9	-	-	-	-	232.7	-	-	-	-	238.1	31	49	18	49
225.0	115	158	43	158	232.8	-	-	-	-	238.2	-	2	2	2
225.1	53	100	47	100	232.9	-	5	5	5	238.3	2	4	2	4
225.2	771	1549	778	1549	233.0	3	10	7	10	238.4	340	1276	936	1276
225.3	5	5	-	5	233.1	-	2	2	2	238.5	1	1	-	1
225.4	5	8	3	8	233.2	-	-	-	-	238.6	47	98	51	98
225.8	1	1	-	1	233.3	-	-	-	-	238.7	861	1755	894	1755
225.9	2	2	-	2	233.4	-	1	1	1	238.8	17	27	10	27
226	2	18	16	18	233.5	-	-	-	-	238.9	138	235	97	239
227.0	23	82	59	82	233.6	-	-	-	-	239.0	442	792	350	841
227.1	10	33	23	33	233.7	1	2	1	2	239.1	451	830	379	853
227.3	84	223	139	223	233.9	-	-	-	-	239.2	30	75	45	77
227.4	1	1	-	1	234.0	-	-	-	-	239.3	15	37	22	38
227.5	-	1	1	1	234.8	1	4	3	3	239.4	44	145	101	151
227.6	2	2	-	2	234.9	-	3	3	3	239.5	117	262	145	274
227.8	1	1	-	1	235.0	-	-	-	-	239.6	2470	3123	653	3192
227.9	-	1	1	2	235.1	2	2	-	2	239.7	215	442	227	454
228.0	38	93	55	93	235.2	62	135	73	135	239.8	260	462	202	462
228.1	27	88	61	88	235.3	12	19	7	19	239.9	115	233	119	520
229.0	-	-	-	-	235.4	3	7	4	7	240.0	-	-	-	-
229.8	9	17	8	17	235.5	19	31	12	31	240.9	26	227	201	229
229.9	32	74	42	74	235.6	-	1	1	1	241.0	-	24	24	25
230.0	-	-	-	-	235.7	25	44	19	44	241.1	9	49	40	50
230.1	1	1	-	1	235.8	2	3	1	3	241.9	-	21	21	23
230.2	-	-	-	-	235.9	-	-	-	-	242.0	26	156	130	154
230.3	3	10	7	10	236.0	2	3	1	3	242.1	2	2	-	1
230.4	-	-	-	-	236.1	1	1	-	1	242.2	2	8	6	7
230.5	-	-	-	-	236.2	4	5	1	5	242.3	2	11	9	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
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1993

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	-	-	-	-	253.0	14	69	55	69	259.8	5	12	7	12
242.8	-	2	2	2	253.1	1	2	1	2	259.9	2	15	13	24
242.9	179	825	646	852	253.2	65	419	354	419	260	82	256	178	276
243	6	23	17	23	253.3	2	4	2	4	261	272	1811	1558	1865
244.0	...	8	8	8	253.4	-	-	-	-	262	4	16	13	10
244.1	-	1	1	1	253.5	34	222	188	222	263.0	1	3	2	3
244.2	-	-	-	-	253.6	66	588	522	588	263.1	-	2	2	3
244.3	-	-	-	-	253.7	-	-	-	-	263.2	11	17	9	-
244.8	-	-	-	-	253.8	5	17	12	17	263.8	-	2	2	2
244.9	874	10951	10077	10951	253.9	5	24	19	25	263.9	2905	27491	24588	28264
245.0	-	-	-	-	254.0	1	3	2	3	264.0	-	-	-	-
245.1	-	1	1	1	254.1	-	-	-	-	264.1	-	-	-	-
245.2	6	29	23	29	254.8	2	7	5	7	264.2	-	-	-	-
245.3	-	1	1	1	254.9	-	2	2	2	264.3	-	-	-	-
245.4	-	1	1	1	255.0	38	239	201	239	264.4	-	-	-	-
245.8	2	15	13	15	255.1	4	30	26	30	264.5	-	-	-	-
245.9	2	34	32	37	255.2	4	12	8	12	264.6	-	-	-	-
246.0	-	-	-	-	255.3	4	23	19	23	264.7	-	-	-	-
246.1	-	-	-	-	255.4	171	1057	886	1059	264.8	-	-	-	-
246.2	-	1	1	1	255.5	-	6	6	6	264.9	-	2	2	2
246.3	-	2	2	2	255.6	-	6	6	6	265.0	1	5	4	5
246.8	2	16	14	16	255.8	8	62	54	62	265.1	11	59	48	61
246.9	18	169	151	178	255.9	4	42	38	45	265.2	-	-	-	-
250.0	40335	152082	111794	175959	256.0	-	-	-	-	266.0	-	1	1	1
250.1	1707	2803	1097	1749	256.1	-	-	-	-	266.1	1	3	2	3
250.2	1049	1654	605	963	256.2	-	-	-	-	266.2	19	290	271	336
250.3	5163	10495	5356	1909	256.3	1	2	1	2	266.9	-	3	3	4
250.4	87	372	285	166	256.4	-	2	2	2	267	2	6	4	7
250.5	360	994	635	404	256.8	-	-	-	-	268.0	-	5	5	5
250.6	4028	10135	6115	120	256.9	-	-	-	-	268.1	-	-	-	-
250.7	1052	2463	1412	215	257.0	-	-	-	-	268.2	3	16	14	18
250.9	113	148	35	199	257.1	-	-	-	-	268.9	1	5	4	5
251.0	29	75	49	133	257.2	1	11	10	11	269.0	-	4	4	6
251.1	1	6	5	6	257.8	-	-	-	-	269.1	-	1	1	1
251.2	153	1265	1112	1287	257.9	1	1	-	1	269.2	-	5	5	6
251.3	...	-	-	-	258.0	-	-	-	-	269.3	-	4	4	5
251.4	-	-	-	-	258.1	2	2	-	2	269.8	8	18	10	18
251.5	11	36	25	36	258.8	1	1	-	1	269.9	130	1101	971	1168
251.8	1	47	46	47	258.9	2	17	15	17	270.0	10	19	9	19
251.9	-	3	3	3	259.0	-	-	-	-	270.1	5	8	3	8
252.0	76	424	348	425	259.1	1	2	1	2	270.2	6	12	6	12
252.1	15	149	134	149	259.2	26	54	28	54	270.3	2	4	2	4
252.8	-	-	-	-	259.3	-	2	2	2	270.4	2	4	2	4
252.9	2	8	6	8	259.4	40	91	51	91	270.5	-	-	-	-

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, 1993

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	36	66	30	66	276.6	30	333	303	333	283.0	102	311	209	311
270.7	9	29	20	29	276.7	239	3781	3542	3781	283.1	41	242	201	242
270.8	2	2	-	2	276.8	104	1025	921	1025	283.2	17	23	6	23
270.9	3	6	3	6	276.9	397	3430	3033	4658	283.9	19	45	26	45
271.0	26	33	7	33	277.0	405	459	54	459	284.0	56	130	74	37
271.1	-	-	-	-	277.1	6	30	24	30	284.8	417	3212	2795	3332
271.2	3	3	-	3	277.2	5	9	4	9	284.9	845	1924	1082	2038
271.3	16	229	213	229	277.3	734	1108	375	1108	285.0	115	329	214	314
271.4	5	13	8	13	277.4	1	12	11	12	285.1	20	71	51	56
271.8	3	7	4	7	277.5	70	82	12	82	285.8	77	237	160	231
271.9	1	2	1	2	277.6	139	205	66	205	285.9	1642	32623	30983	33492
272.0	851	3077	2227	3103	277.8	46	77	31	77	286.0	78	384	307	386
272.1	23	71	49	97	277.9	300	1484	1186	1704	286.1	4	15	11	15
272.2	17	44	27	18	278.0	1646	9433	7787	9512	286.2	2	6	4	6
272.3	-	2	2	2	278.1	-	-	-	-	286.3	46	145	99	145
272.4	1132	3988	2856	4017	278.2	-	-	-	-	286.4	12	39	27	38
272.5	13	56	43	56	278.3	-	2	2	2	286.5	16	24	8	24
272.6	-	1	1	1	278.4	-	1	1	1	286.6	657	4198	3541	4198
272.7	60	95	35	95	278.8	125	208	83	208	286.7	4	5	1	3
272.8	5	18	13	18	279.0	32	91	59	91	286.9	450	3307	2857	3368
272.9	6	19	13	19	279.1	11	29	18	31	287.0	9	27	18	27
273.0	4	16	12	16	279.2	14	33	19	33	287.1	5	29	24	29
273.1	43	238	195	238	279.3	777	1661	884	1722	287.2	2	17	15	18
273.2	52	103	51	103	279.4	268	433	165	443	287.3	312	789	477	789
273.3	314	582	268	582	279.8	7	10	3	11	287.4	3	41	38	41
273.8	114	1013	899	1013	279.9	3	6	3	6	287.5	479	4579	4100	4621
273.9	18	39	21	41	280	98	1419	1321	1354	287.8	3	6	3	6
274.0	20	225	205	180	281.0	103	1417	1315	1417	287.9	39	228	189	286
274.1	14	14	6	8	281.1	-	14	14	14	288.0	316	2704	2388	2707
274.8	-	1	1	-	281.2	15	95	80	95	288.1	8	22	14	22
274.9	46	1219	1175	1275	281.3	2	4	2	4	288.2	-	2	2	2
275.0	173	451	280	480	281.4	-	2	2	2	288.3	20	59	39	59
275.1	7	19	12	19	281.8	3	180	177	1	288.8	95	519	424	519
275.2	3	45	42	45	281.9	61	230	177	114	288.9	1	1	-	1
275.3	5	40	35	40	282.0	3	19	16	20	289.0	4	77	73	77
275.4	147	4058	3912	4058	282.1	1	4	3	4	289.1	-	-	-	-
275.8	-	1	1	1	282.2	4	9	6	9	289.2	3	7	4	7
275.9	1	1	-	1	282.3	12	17	5	17	289.3	4	16	12	16
276.0	280	1444	1164	1444	282.4	39	143	104	143	289.4	21	167	146	168
276.1	223	2049	1826	2049	282.5	9	37	28	38	289.5	90	488	398	491
276.2	832	6797	5970	7844	282.6	456	658	202	662	289.6	-	2	2	2
276.3	12	76	64	76	282.7	2	10	8	12	289.7	1	7	6	7
276.4	-	2	2	2	282.8	1	1	-	1	289.8	2564	5659	3096	5682
276.5	3464	26547	23083	26566	282.9	155	559	404	571	289.9	146	546	402	701

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
290.0	4020	15853	11841	15790	296.8	-	10	10	10	302.5	-	1	1	1		
290.1	6679	15012	8333	13983	296.9	8	68	60	70	302.6	-	-	-	-		
290.2	111	847	745	53	297.0	1	1	-	1	302.7	1	3	2	3		
290.3	18	23	5	2	297.1	3	57	54	57	302.8	-	-	-	-		
290.4	2843	9186	6344	8182	297.2	1	2	1	2	302.9	-	1	1	1		
290.8	-	1	1	1	297.3	1	3	2	3	303	5346	15148	9804	20633		
290.9	4	8	5	6	297.8	-	1	1	1	304.0	21	54	33	54		
291.0	159	253	103	277	297.9	3	99	96	99	304.1	-	1	1	1		
291.1	10	11	5	5	298.0	-	-	-	-	304.2	12	22	10	22		
291.2	87	124	89	124	298.1	-	-	-	-	304.3	1	3	2	3		
291.3	-	1	1	1	298.2	1	2	1	2	304.4	3	6	3	6		
291.4	-	-	-	-	298.3	-	1	1	1	304.5	1	1	-	1		
291.5	-	-	-	-	298.4	-	1	1	1	304.6	9	47	38	47		
291.8	122	217	101	253	298.8	-	10	10	10	304.7	1	2	1	2		
291.9	8	129	124	2	298.9	6510	22133	15636	22494	304.8	1	2	1	2		
292.0	2	11	9	11	299.0	5	21	16	21	304.9	284	554	270	556		
292.1	-	-	-	-	299.1	1	1	-	1	305.0	819	3618	2800	6448		
292.2	-	1	1	1	299.8	-	-	-	-	305.1	267	22515	22248	22515		
292.8	-	-	-	-	299.9	-	-	-	-	305.2	-	38	38	38		
292.9	1	5	4	5	300.0	13	685	672	688	305.3	1	15	14	15		
293.0	4	10	6	10	300.1	15	33	18	33	305.4	1	8	7	8		
293.1	-	-	-	-	300.2	-	8	8	8	305.5	42	162	120	162		
293.8	-	2	2	2	300.3	1	15	14	15	305.6	176	749	573	749		
293.9	4	13	9	13	300.4	13	219	206	216	305.7	13	71	58	71		
294.0	12	102	90	102	300.5	-	12	12	12	305.8	-	8	8	8		
294.8	1	3	2	3	300.6	-	-	-	-	305.9	573	4358	3785	4471		
294.9	118	3072	2960	26965	300.7	-	1	1	1	306.0	-	1	1	1		
295.0	139	301	162	301	300.8	2	2	-	2	306.1	-	6	6	6		
295.1	1	5	4	5	300.9	41	205	164	210	306.2	9	53	44	53		
295.2	6	28	22	28	301.0	-	6	6	6	306.3	-	-	-	-		
295.3	28	276	248	276	301.1	-	3	3	3	306.4	-	4	4	4		
295.4	-	-	-	-	301.2	-	5	5	5	306.5	-	-	-	-		
295.5	-	-	-	-	301.3	-	3	3	3	306.6	-	-	-	-		
295.6	47	562	515	562	301.4	-	4	4	4	306.7	-	-	-	-		
295.7	7	81	74	81	301.5	-	1	1	1	306.8	-	3	3	3		
295.8	-	4	4	4	301.6	-	-	-	-	306.9	-	1	1	1		
295.9	128	2046	1918	2048	301.7	-	3	3	3	307.0	-	-	-	-		
296.0	4	14	10	14	301.8	-	1	1	1	307.1	78	148	70	148		
296.1	21	208	187	208	301.9	6	94	88	94	307.2	-	8	8	8		
296.2	-	7	7	7	302.0	-	10	10	10	307.3	-	-	-	-		
296.3	-	8	8	8	302.1	-	-	-	-	307.4	-	-	-	-		
296.4	-	-	-	-	302.2	-	-	-	-	307.5	124	481	357	481		
296.5	23	350	327	350	302.3	-	1	1	1	307.6	-	-	-	-		
296.6	14	289	275	289	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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
307.8	-	4	4	4	315.8	1	3	2	3	333.5	19	54	35	54
307.9	41	147	106	177	315.9	3	18	15	18	333.6	8	18	10	18
308.0	-	4	4	4	316	-	3	3	3	333.7	1	1	-	1
308.1	-	1	1	1	317	4	38	34	38	333.8	41	213	172	213
308.2	-	-	-	-	318.0	3	11	8	11	333.9	34	86	52	88
308.3	1	1	-	1	318.1	85	271	186	271	334.0	62	91	29	91
308.4	2	3	1	3	318.2	58	251	193	251	334.1	9	14	5	14
308.9	35	271	236	272	319	276	1753	1477	1756	334.2	22	31	9	31
309.0	3	36	33	36	320.0	3	7	4	7	334.3	18	68	50	68
309.1	-	-	-	-	320.1	162	282	120	282	334.8	54	123	69	123
309.2	-	-	-	-	320.2	65	126	61	126	334.9	125	292	167	292
309.3	-	-	-	-	320.3	20	69	49	69	335.0	131	139	8	139
309.4	-	-	-	-	320.8	15	42	27	42	335.1	54	70	16	70
309.8	-	-	-	-	320.9	165	295	130	300	335.2	3686	4259	573	4260
309.9	1	3	2	3	322.0	-	4	4	4	335.8	-	-	-	-
310.0	-	4	4	4	322.1	-	1	1	1	335.9	4	7	3	8
310.1	-	8	8	8	322.2	7	24	17	24	336.0	45	77	32	77
310.2	8	26	18	27	322.9	351	1478	1127	1501	336.1	36	122	86	122
310.8	2	5	3	5	323.5	-	-	-	-	336.8	13	55	42	56
310.9	3533	21544	18011	21550	323.8	-	3	3	3	336.9	64	317	254	1031
311	427	7512	7086	7525	323.9	246	898	653	989	337.0	-	5	5	5
312.0	-	1	1	1	324.0	113	378	265	378	337.9	28	60	33	111
312.1	-	-	-	-	324.1	9	31	22	31	340	1962	3313	1351	3313
312.2	-	2	2	2	324.9	38	93	55	94	341.0	-	-	-	-
312.3	-	-	-	-	325	15	42	27	42	341.1	4	10	6	10
312.8	2	9	7	9	326	85	146	61	146	341.8	14	23	9	23
312.9	1	26	25	26	330.0	103	127	24	127	341.9	86	142	56	144
313.0	-	1	1	1	330.1	47	58	11	58	342.0	1	5	5	5
313.1	-	-	-	-	330.8	35	42	7	42	342.1	-	26	26	26
313.2	-	-	-	-	330.9	2	4	2	4	342.9	134	6364	6230	6708
313.3	-	-	-	-	331.0	16754	36001	19249	37003	343.0	2	7	5	5
313.8	-	-	-	-	331.1	55	76	21	86	343.1	2	3	1	3
313.9	1	2	1	2	331.2	39	99	60	90	343.2	42	73	31	13
314.0	-	2	2	2	331.3	12	43	31	44	343.3	1	1	-	-
314.1	-	-	-	-	331.4	593	2231	1639	2252	343.4	-	1	1	1
314.2	-	-	-	-	331.8	30	58	28	59	343.8	-	-	-	-
314.8	-	2	2	2	331.9	387	1429	1042	1564	343.9	872	1607	736	1672
314.9	-	10	10	10	332.0	9087	23752	14666	23786	344.0	253	1419	1166	1480
315.0	-	-	-	-	332.1	20	80	60	80	344.1	147	1243	1096	1247
315.1	-	-	-	-	333.0	242	407	165	374	344.2	-	7	7	7
315.2	-	-	-	-	333.1	1	53	52	53	344.3	4	59	55	60
315.3	-	-	-	-	333.2	6	29	23	29	344.4	-	24	24	24
315.4	-	19	19	19	333.3	-	-	-	-	344.5	-	4	4	4
315.5	-	-	-	-	333.4	469	687	218	687	344.6	149	736	587	736

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
344.8	92	925	833	925	352.5	-	1	1	2	358.2	-	-	-	-
344.9	39	680	641	719	352.6	8	14	6	13	358.8	11	13	2	13
345.0	8	20	12	20	352.9	9	30	21	31	358.9	166	237	71	242
345.1	305	658	353	658	353.0	-	10	10	10	359.0	26	30	4	30
345.2	-	-	-	-	353.1	2	5	3	5	359.1	655	918	263	923
345.3	492	1069	577	1067	353.2	1	1	-	1	359.2	164	227	63	227
345.4	1	2	1	2	353.3	-	-	-	-	359.3	3	8	5	8
345.5	1	8	7	8	353.4	1	1	-	1	359.4	15	65	51	64
345.6	7	11	4	11	353.5	-	1	1	1	359.8	15	42	27	42
345.7	2	3	1	3	353.6	-	1	1	1	359.9	94	297	203	301
345.8	1	2	1	2	353.8	-	-	-	-	360.0	-	16	16	16
345.9	520	1088	568	1138	353.9	-	-	-	-	360.1	-	-	-	-
346.0	-	1	1	1	354.0	-	7	7	7	360.2	-	-	-	-
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	-
346.2	1	8	7	8	354.2	-	3	3	3	360.4	-	3	3	3
346.8	-	2	2	2	354.3	-	-	-	-	360.5	-	-	-	-
346.9	2	52	50	52	354.4	-	-	-	-	360.6	-	-	-	-
347	2	49	47	49	354.5	1	7	6	7	360.8	-	1	1	1
348.0	31	63	32	63	354.8	3	11	8	11	360.9	-	-	-	-
348.1	2156	17807	15651	17778	354.9	1	2	1	2	361.0	-	-	-	-
348.2	43	1257	1214	1257	355.0	-	-	-	-	361.1	-	-	-	-
348.3	526	3924	3398	4071	355.1	-	1	1	1	361.2	-	-	-	-
348.4	81	3244	3163	3244	355.2	-	1	1	1	361.3	-	-	-	-
348.5	177	2884	2707	2884	355.3	-	-	-	-	361.8	-	-	-	-
348.8	88	919	831	920	355.4	-	-	-	-	361.9	-	22	22	22
348.9	264	1072	808	1686	355.5	-	-	-	-	362.1	-	14	14	183
349.0	-	-	-	-	355.6	-	-	-	-	362.2	-	4	4	4
349.1	-	-	-	-	355.7	-	-	-	-	362.3	-	11	11	11
349.2	1	1	-	1	355.8	1	10	9	10	362.4	1	1	-	1
349.8	207	486	279	486	355.9	63	387	327	717	362.5	2	150	148	150
349.9	89	199	111	300	356.0	-	1	1	1	362.6	-	16	16	16
350.1	5	130	125	130	356.1	29	95	66	95	362.7	1	30	29	30
350.2	-	-	-	-	356.2	1	5	4	5	362.8	-	5	5	8
350.8	-	-	-	-	356.3	-	1	1	1	362.9	-	1	1	1
350.9	-	-	-	-	356.4	2	2	-	2	363.0	-	-	-	-
351.0	2	59	57	59	356.8	504	669	165	669	363.1	-	-	-	-
351.1	-	-	-	-	356.9	119	554	435	908	363.2	1	161	160	169
351.8	-	8	8	8	357.0	175	416	241	419	363.3	-	-	-	-
351.9	-	2	2	2	357.5	4	9	6	9	363.4	-	-	-	-
352.0	-	-	-	-	357.6	-	-	-	-	363.5	-	-	-	-
352.1	1	3	2	3	357.7	-	1	1	1	363.6	-	-	-	-
352.2	-	-	-	1	357.8	2	3	1	3	363.7	-	-	-	-
352.3	-	1	1	2	357.9	5	51	46	66	363.8	-	-	-	-
352.4	-	-	-	1	358.0	366	857	491	857	363.9	-	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, 1993

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
364.0	-	-	-	-	369.0	7	1367	1360	1367	374.2	-	-	-	-
364.1	-	-	-	-	369.1	-	-	-	-	374.3	-	-	-	-
364.2	-	-	-	-	369.2	-	2	2	2	374.4	-	-	-	-
364.3	-	1	1	2	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	-	-	-	369.6	-	29	29	29	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	1	1	1
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	45	45	45	375.1	-	-	-	-
364.8	-	-	-	-	370.0	1	6	5	6	375.2	-	-	-	-
364.9	-	-	-	-	370.2	-	-	-	-	375.3	-	1	1	1
365.0	-	1	1	1	370.3	-	-	-	-	375.4	-	-	-	-
365.1	-	3	3	3	370.4	-	-	-	-	375.5	-	1	1	1
365.2	-	1	1	1	370.5	-	1	1	1	375.6	-	-	-	-
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	-	-	-	370.9	-	-	-	-	376.0	4	14	10	14
365.6	-	-	-	-	371.0	-	4	4	4	376.1	1	3	2	3
365.8	-	1	1	1	371.1	-	-	-	-	376.3	-	7	7	7
365.9	8	1124	1116	1130	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	-	-	-	371.3	-	-	-	-	376.5	-	-	-	-
366.1	-	8	8	8	371.4	-	4	4	4	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	1	1	1	376.8	-	-	-	-
366.3	-	-	-	-	371.6	-	-	-	-	376.9	-	1	1	1
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	-	-	-
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	4	4	4
366.8	-	-	-	-	371.9	-	6	6	6	377.2	-	-	-	-
366.9	2	167	165	198	372.0	-	5	5	5	377.3	-	4	4	4
367.0	-	1	1	1	372.1	-	-	-	-	377.4	-	1	1	1
367.1	-	-	-	-	372.2	-	-	-	-	377.5	-	-	-	-
367.2	-	-	-	-	372.3	1	23	22	23	377.6	-	-	-	-
367.3	-	-	-	-	372.4	-	-	-	-	377.7	-	-	-	-
367.4	-	1	1	1	372.5	-	1	1	1	377.9	-	-	-	-
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	-	-	-
367.8	-	-	-	-	372.7	-	3	3	3	378.1	-	-	-	-
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	-	-	-	372.9	-	-	-	-	378.3	-	-	-	-
368.1	-	-	-	-	373.0	-	1	1	1	378.4	-	-	-	-
368.2	-	1	1	1	373.1	1	1	-	1	378.5	-	2	2	2
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	3	3	3	373.3	-	-	-	-	378.7	1	2	1	2
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	4	4	4
368.6	-	-	-	-	373.9	-	-	-	-	378.9	-	10	10	10
368.8	-	1	1	1	374.0	-	-	-	-	379.0	-	3	3	3
368.9	-	-	-	-	374.1	-	4	4	4	379.1	-	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, 1993

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	-	4	4	4	394.9	1611	3310	1699	3411
379.3	-	1	1	1	385.8	-	-	-	-	395.0	121	140	19	292
379.4	-	1	1	1	385.9	-	2	2	2	395.1	26	30	4	78
379.5	-	1	1	1	386.0	2	34	32	34	395.2	5	8	3	1
379.8	-	4	4	4	386.1	-	-	-	-	395.9	37	52	15	87
379.9	-	12	12	12	386.2	-	-	-	-	396	992	1827	837	1629
380.0	-	1	1	1	386.3	-	12	12	12	397.0	144	746	602	746
380.1	8	19	11	19	386.4	-	-	-	-	397.1	-	3	3	3
380.2	1	2	1	2	386.5	-	1	1	1	397.9	323	434	111	547
380.3	-	-	-	-	386.8	-	-	-	-	398.0	7	9	2	14
380.4	-	-	-	-	386.9	-	-	-	-	398.9	1248	2018	770	3136
380.5	-	-	-	-	387.0	-	-	-	-	401.0	46	435	389	549
380.8	-	-	-	-	387.1	-	-	-	-	401.1	5	132	127	162
380.9	-	-	-	-	387.2	-	-	-	-	401.9	6074	120708	114652	144745
381.0	-	-	-	-	387.8	-	-	-	-	402.0	30	20	8	1
381.1	-	-	-	-	387.9	-	4	4	4	402.1	7	21	14	-
381.2	-	-	-	-	388.0	-	23	23	23	402.9	23000	40863	18184	35148
381.3	-	-	-	-	388.1	-	-	-	-	403.0	36	77	46	2
381.4	-	-	-	-	388.2	-	-	-	-	403.1	4	25	21	19
381.5	-	-	-	-	388.3	-	-	-	-	403.9	5078	15549	10570	4373
381.6	-	-	-	-	388.4	-	-	-	-	404.0	13	16	4	4
381.7	-	-	-	-	388.5	-	-	-	-	404.1	4	3	1	-
381.8	-	-	-	-	388.6	-	3	3	3	404.9	2447	3422	1411	286
381.9	-	-	-	-	388.7	-	2	2	2	410	227456	260970	33515	260970
382.0	1	2	1	2	388.8	-	-	-	-	411	2968	6529	3561	6529
382.1	-	-	-	-	388.9	-	1	1	2	412	725	4749	4024	4750
382.2	-	-	-	-	389.0	-	1	1	1	413	984	5428	4444	5428
382.3	-	-	-	-	389.1	-	20	20	20	414.0	152805	253479	100684	253479
382.4	4	5	1	5	389.2	-	-	-	-	414.1	297	818	522	818
382.9	47	116	69	116	389.7	-	37	37	37	414.8	16803	26786	9983	26786
383.0	-	2	2	2	389.8	-	3	3	3	414.9	88025	173310	85291	186084
383.1	2	2	-	2	389.9	1	481	480	481	415.0	9	116	107	116
383.2	-	-	-	-	390	20	79	60	98	415.1	8955	24882	15927	24883
383.3	-	-	-	-	391.0	25	55	30	65	416.0	1556	4667	3111	4667
383.8	-	-	-	-	391.1	24	31	7	47	416.1	97	249	152	22
383.9	12	36	24	36	391.2	17	19	2	27	416.8	-	-	-	-
384.0	-	-	-	-	391.8	41	57	16	34	416.9	1058	8425	7368	8802
384.1	2	3	1	3	391.9	26	42	16	60	417.0	-	3	3	3
384.2	-	-	-	-	392.0	-	-	-	-	417.1	13	19	6	19
384.8	-	1	1	1	392.9	-	-	-	-	417.8	20	58	38	58
384.9	-	-	-	-	393	1	3	2	3	417.9	19	58	39	65
385.0	-	-	-	-	394.0	866	1500	634	1631	420.9	50	155	105	156
385.1	-	-	-	-	394.1	151	186	35	409	421.0	879	2005	1126	2039
385.2	-	-	-	-	394.2	58	83	25	3	421.9	13	43	30	45

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
422.9	299	419	124	425	429.4	...	8	8	8	442.1	25	46	21	46
423.0	48	736	688	736	429.5	21	49	28	49	442.2	171	283	112	283
423.1	17	59	42	59	429.6	5	109	104	109	442.3	60	130	70	130
423.2	75	162	87	162	429.8	251	1019	768	1039	442.8	104	240	136	263
423.8	12	41	29	41	429.9	3582	11396	7832	21728	442.9	351	524	173	722
423.9	346	3317	2971	3584	430	6687	7656	985	7068	443.0	21	117	96	117
424.0	2248	5567	3319	5564	431	18196	25031	6849	25574	443.1	14	35	21	35
424.1	9534	20705	11171	20705	432.0	4	10	6	11	443.8	37	89	52	89
424.2	2	70	68	70	432.1	468	1262	796	1281	443.9	5196	18903	14299	26295
424.3	10	39	29	39	432.9	2781	4169	1394	4476	444.0	103	205	102	205
424.9	3406	7030	3626	7598	433.0	226	293	67	316	444.1	293	617	324	617
425.0	3	3	-	3	433.1	892	1935	1043	1942	444.2	488	1932	1444	1932
425.1	270	480	210	480	433.2	23	37	14	61	444.8	80	354	274	354
425.2	2	2	-	2	433.3	36	51	15	25	444.9	367	1250	884	1658
425.3	96	121	25	121	433.8	9	22	13	22	446.0	103	180	77	180
425.4	24389	32628	8250	32640	433.9	3	7	4	7	446.1	6	6	-	6
425.5	930	1049	237	735	434.0	5900	8557	2657	8557	446.2	107	195	88	195
425.9	524	13361	12845	15104	434.1	643	2114	1471	2114	446.3	1	3	2	3
426.0	344	2775	2431	2775	434.9	9336	16671	7335	17202	446.4	259	411	152	411
426.1	25	369	344	369	435	328	2419	2091	2419	446.5	126	671	545	671
426.2	1	6	5	6	436	86151	158223	72081	164265	446.6	268	330	62	330
426.3	11	302	291	302	437.0	3751	17391	13649	16952	446.7	21	29	8	29
426.4	9	166	157	166	437.1	675	2023	1348	2075	447.0	15	33	18	33
426.5	10	123	113	123	437.2	51	104	53	88	447.1	146	382	236	382
426.6	7	85	78	85	437.3	424	676	253	2239	447.2	208	428	220	428
426.7	38	110	72	110	437.4	74	123	49	123	447.3	-	-	-	-
426.8	287	3243	2956	3243	437.5	10	14	4	14	447.4	1	1	-	1
426.9	177	1359	1182	1359	437.6	-	2	2	2	447.5	4	10	6	10
427.0	18	253	235	254	437.8	49	405	358	188	447.6	572	1421	849	1481
427.1	473	7320	6847	7320	437.9	5020	14822	9811	21942	447.8	23	49	26	49
427.2	3	32	29	32	438	8371	20658	12287	20658	447.9	309	516	209	842
427.3	4652	42717	38065	42717	440.0	60	376	317	599	448.0	23	67	44	67
427.4	1588	21485	19897	21485	440.1	44	249	205	266	448.1	-	-	-	-
427.5	29474	374226	344752	374226	440.2	873	3430	2557	2340	448.9	27	66	39	68
427.6	33	743	710	743	440.8	2	38	36	39	451.0	1	4	3	4
427.8	693	5989	5296	5989	440.9	16293	78112	61823	86541	451.1	579	1459	881	1461
427.9	5588	52315	46729	68333	441.0	3208	3587	379	3587	451.2	357	858	502	860
428.0	41819	260860	219049	265656	441.1	1296	1357	61	1429	451.8	20	54	34	54
428.1	113	615	502	1654	441.2	707	1432	725	1613	451.9	283	1117	834	1136
428.9	3681	27128	23449	29734	441.3	6611	7075	464	7059	452	59	173	114	173
429.0	516	1441	927	1388	441.4	1994	5632	3638	6168	453.0	61	177	116	177
429.1	302	687	385	705	441.5	1998	2133	135	2327	453.1	1	52	51	52
429.2	72640	112808	40179	114815	441.6	661	1814	1153	2069	453.2	45	243	198	243
429.3	912	6681	5769	6862	442.0	1	3	2	3	453.3	14	43	29	43

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
453.8	132	397	265	397	463	7	12	5	12	478.8	-	1	1	1
453.9	154	2047	1893	2803	464.0	4	24	20	26	478.9	8	14	6	16
454.0	57	226	169	228	464.1	19	39	21	48	480.0	11	26	15	26
454.1	11	75	64	74	464.2	6	9	3	8	480.1	45	92	48	93
454.2	3	9	6	2	464.3	61	73	12	73	480.2	3	5	2	5
454.9	89	274	185	286	464.4	7	7	-	7	480.8	2	7	5	7
455.0	-	2	2	3	465.0	1	1	-	1	480.9	480	758	279	779
455.1	-	-	-	-	465.8	-	2	2	2	481	2606	4758	2152	4713
455.2	-	2	2	1	465.9	141	637	497	729	482.0	202	534	332	538
455.3	-	-	-	-	466.0	579	2068	1489	2305	482.1	467	1545	1078	1553
455.4	-	-	-	-	466.1	83	205	122	207	482.2	72	162	90	165
455.5	-	-	-	-	470	-	2	2	2	482.3	386	682	296	684
455.6	4	34	30	39	471.0	-	2	2	2	482.4	786	1846	1062	1868
455.7	-	2	2	2	471.1	-	-	-	-	482.8	216	471	255	478
455.8	-	10	10	6	471.8	-	-	-	-	482.9	1372	2849	1484	2819
455.9	3	6	3	6	471.9	1	5	4	5	483	171	220	49	224
456.0	236	2809	2573	1209	472.0	-	7	7	7	485	5061	14516	9455	14591
456.1	34	831	797	2454	472.1	-	-	-	-	486	69896	178639	108752	184945
456.3	-	-	-	-	472.2	1	1	-	1	487.0	456	531	75	45
456.4	-	1	1	1	473.0	2	14	12	14	487.1	569	879	327	1394
456.5	1	2	1	2	473.1	2	2	-	2	487.8	19	37	19	6
456.6	-	-	-	-	473.2	1	4	3	4	490	676	2309	1633	3725
456.8	36	347	311	347	473.3	1	6	5	6	491.0	103	28	26	42
457.0	-	-	-	-	473.8	2	26	24	26	491.1	31	69	41	104
457.1	28	208	180	208	473.9	75	308	233	314	491.2	2186	3696	1512	372
457.2	2	33	31	33	474.0	1	2	1	2	491.8	150	265	125	293
457.8	22	90	68	90	474.1	2	5	3	5	491.9	631	2116	1487	4010
457.9	-	-	-	-	474.2	-	-	-	-	492	17586	34414	16831	35795
458.0	14	148	134	182	474.8	-	3	3	3	493.0	180	231	51	214
458.1	1	4	3	4	474.9	3	21	18	21	493.1	11	21	10	21
458.9	868	8247	7379	8250	475	12	21	9	21	493.9	4976	11189	6251	11379
459.0	474	4099	3627	4503	476.0	-	2	2	2	494	1028	1898	872	1920
459.1	1	9	8	9	476.1	-	1	1	1	495.0	6	15	9	15
459.2	24	813	789	813	477.0	-	1	1	2	495.1	-	-	-	-
459.8	11	92	81	92	477.8	-	1	1	2	495.2	3	4	1	4
459.9	497	1057	568	6029	477.9	4	30	26	45	495.3	-	-	-	-
460	2	18	16	21	478.0	-	1	1	1	495.4	-	-	-	-
461.0	-	-	-	-	478.1	3	11	8	11	495.5	-	-	-	-
461.1	-	-	-	-	478.2	98	247	149	247	495.6	-	-	-	-
461.2	-	-	-	-	478.3	33	181	148	181	495.7	-	-	-	-
461.3	-	1	1	1	478.4	2	6	4	6	495.8	1	3	2	3
461.8	-	-	-	-	478.5	1	7	6	7	495.9	14	24	10	25
461.9	9	17	8	17	478.6	14	62	48	62	496	73495	172446	98965	181284
462	9	44	35	45	478.7	55	201	146	203	500	573	1631	1058	1631

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, 1993

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	320	999	679	999	519.3	30	127	97	127	524.1	-	-	-	-
502	127	276	149	276	519.4	17	79	62	79	524.2	1	1	-	1
503	6	11	5	11	519.8	579	1949	1370	2277	524.3	-	-	-	-
504	8	17	9	17	519.9	160	539	379	887	524.4	-	-	-	-
505	108	329	221	347	520.0	-	5	5	5	524.5	-	-	-	-
506.0	14	27	13	27	520.1	-	-	-	-	524.6	-	1	1	1
506.1	-	-	-	-	520.2	1	1	-	1	524.8	-	-	-	-
506.2	-	-	-	-	520.3	-	1	1	1	524.9	-	3	3	3
506.3	1	1	-	1	520.4	-	-	-	-	525.0	-	1	1	1
506.4	-	4	4	4	520.5	-	-	-	-	525.1	-	2	2	2
506.9	-	1	1	1	520.6	-	-	-	-	525.2	-	-	-	-
507.0	8697	38910	30213	38931	520.7	-	3	3	3	525.3	-	-	-	-
507.1	4	12	8	12	520.8	-	-	-	-	525.8	2	16	14	16
507.8	4	4	-	4	520.9	-	-	-	-	525.9	2	14	12	14
508.0	33	292	259	292	521.0	1	12	11	12	526.0	-	-	-	-
508.1	11	94	83	94	521.1	-	-	-	-	526.1	-	-	-	-
508.8	1	18	17	18	521.2	-	-	-	-	526.2	-	1	1	1
508.9	-	1	1	1	521.3	-	-	-	-	526.3	-	1	1	1
510.0	60	307	247	312	521.4	-	-	-	-	526.4	2	5	3	5
510.9	251	1016	765	1051	521.5	-	-	-	-	526.5	-	-	-	-
511.0	42	239	197	271	521.6	-	-	-	-	526.8	-	3	3	3
511.1	-	3	3	3	521.7	-	-	-	-	526.9	-	4	4	4
511.8	56	504	448	504	521.8	-	-	-	-	527.0	-	-	-	-
511.9	734	10153	9419	10161	521.9	-	-	-	-	527.1	-	-	-	-
512	336	2973	2637	2984	522.0	-	-	-	-	527.2	27	95	68	95
513.0	369	1214	845	1222	522.1	-	-	-	-	527.3	8	20	12	20
513.1	5	25	20	25	522.2	-	-	-	-	527.4	-	1	1	1
514	670	16955	16285	16959	522.3	-	-	-	-	527.5	-	-	-	-
515	6379	11607	5228	11823	522.4	-	6	6	6	527.6	-	-	-	-
516.0	7	10	3	10	522.5	7	30	23	30	527.7	-	1	1	1
516.2	-	1	1	1	522.6	-	1	1	1	527.8	1	2	1	2
516.3	137	175	38	175	522.7	-	-	-	-	527.9	-	3	3	3
516.8	743	1025	282	1033	522.8	-	-	-	-	528.0	4	32	28	32
516.9	1	2	1	2	522.9	-	-	-	-	528.1	-	-	-	-
518.0	169	1615	1446	1618	523.0	-	-	-	-	528.2	-	8	8	8
518.1	15	53	38	53	523.1	4	14	10	14	528.3	6	13	7	13
518.2	-	1	1	1	523.2	-	-	-	-	528.4	-	-	-	-
518.3	243	583	340	583	523.3	1	2	1	2	528.5	-	1	1	1
518.4	167	4659	4492	4765	523.4	-	6	6	6	528.6	1	3	2	3
518.5	1816	13429	11613	13415	523.5	-	-	-	-	528.7	-	-	-	-
518.8	3695	12875	9188	15977	523.6	-	-	-	-	528.8	-	-	-	-
519.0	19	24	6	24	523.8	-	1	1	1	528.9	11	51	40	51
519.1	210	1384	1174	1487	523.9	-	2	2	2	529.0	-	15	15	15
519.2	57	209	152	209	524.0	2	14	12	14	529.1	-	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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
529.2	-	-	-	-	534.0	1	2	1	1	551.9	26	33	11	5
529.3	-	-	-	-	534.1	-	-	-	-	552.0	35	65	30	63
529.4	-	-	-	-	534.2	-	-	-	-	552.1	40	89	49	88
529.5	-	-	-	-	534.3	2	2	1	3	552.2	152	229	77	165
529.6	-	-	-	-	534.4	39	98	59	19	552.3	83	138	55	68
529.8	-	21	21	21	534.5	3	8	5	9	552.8	18	24	6	12
529.9	1	3	2	3	534.6	3	4	1	2	552.9	136	244	109	248
530.0	91	202	111	202	534.7	2	3	1	3	553.0	5	18	13	33
530.1	644	2686	2042	2686	534.9	5	23	18	105	553.1	40	150	110	170
530.2	103	358	255	358	535.0	47	176	131	184	553.2	62	296	234	409
530.3	301	1256	955	1290	535.1	36	238	202	238	553.3	375	1651	1277	1737
530.4	176	372	196	372	535.2	4	9	5	9	553.8	11	24	13	44
530.5	293	574	282	574	535.3	62	50	18	42	553.9	70	242	172	299
530.6	62	128	66	128	535.4	172	549	378	556	555.0	4	13	9	16
530.7	82	176	94	176	535.5	262	1611	1350	1623	555.1	26	63	37	66
530.8	193	1134	941	1291	535.6	11	100	89	100	555.2	2	3	1	-
530.9	48	94	46	115	536.0	-	1	1	1	555.9	346	1009	663	1012
531.0	23	39	16	13	536.1	2	22	20	22	556	397	1154	757	1154
531.1	8	12	4	13	536.2	8	16	8	16	557.0	4278	7541	3266	8063
531.2	-	1	1	-	536.8	75	298	223	358	557.1	523	860	337	860
531.3	4	22	18	49	536.9	60	315	255	316	557.9	2745	5636	2891	6283
531.4	890	1726	836	503	537.0	104	625	521	625	558	1236	4311	3076	4511
531.5	640	1150	510	1233	537.1	-	-	-	-	560.0	23	36	13	37
531.6	51	98	47	5	537.2	-	-	-	-	560.1	316	1628	1312	1651
531.7	5	36	31	52	537.3	3	104	101	104	560.2	621	999	378	1039
531.9	201	1256	1058	2555	537.4	34	162	128	162	560.3	150	375	228	368
532.0	29	52	24	16	537.5	-	-	-	-	560.8	329	575	246	87
532.1	3	11	8	11	537.6	1	4	3	4	560.9	3165	11495	8330	12607
532.2	2	2	-	-	537.8	93	367	274	549	562.0	21	36	15	36
532.3	4	14	10	54	537.9	128	450	323	497	562.1	3207	6543	3336	6543
532.4	825	1600	775	575	540.0	258	558	300	522	564.0	59	322	263	322
532.5	847	1421	574	1523	540.1	27	59	32	59	564.1	32	175	143	175
532.6	61	120	60	9	540.9	30	52	22	86	564.2	-	29	29	29
532.7	10	49	39	75	541	48	120	72	158	564.3	...	1	1	1
532.9	131	901	771	2018	542	3	3	-	3	564.4	-	-	-	-
533.0	16	26	10	1	543	1	3	2	5	564.5	-	-	-	-
533.1	2	2	-	2	550.0	20	24	4	1	564.6	-	-	-	-
533.2	-	-	-	-	550.1	133	228	95	226	564.7	66	202	136	205
533.3	4	19	15	44	550.9	39	228	190	261	564.8	27	92	65	92
533.4	1324	2488	1165	516	551.0	8	10	2	1	564.9	13	34	21	34
533.5	501	916	415	987	551.1	11	13	3	-	565.0	2	9	7	9
533.6	43	71	28	8	551.2	36	40	5	-	565.1	18	78	60	78
533.7	14	90	76	118	551.3	10	13	3	-	566	99	253	154	253
533.9	307	4379	4075	6565	551.8	5	7	2	1	567.1	2	4	2	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, 1993

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	507	2398	1891	2440	575.2	3	16	13	20	582.8	38	64	26	41
567.8	14	118	104	120	575.3	5	14	9	14	582.9	1103	4173	3081	5244
567.9	1038	5435	4399	5687	575.4	66	129	63	129	583.0	4	5	1	5
568.0	116	332	216	833	575.5	5	11	6	17	583.1	29	51	28	61
568.8	99	371	272	371	575.6	-	8	8	8	583.2	6	12	7	14
568.9	6	29	23	30	575.8	33	129	96	129	583.4	15	23	8	23
569.0	3	18	15	18	575.9	220	756	536	795	583.6	1	8	7	10
569.1	26	93	67	94	576.0	...	-	-	-	583.7	2	17	15	-
569.2	4	33	29	33	576.1	453	1237	784	1237	583.8	65	131	67	108
569.3	105	634	529	638	576.2	233	1140	907	1235	583.9	257	717	460	1106
569.4	48	257	209	257	576.3	4	5	1	6	584.5	222	938	723	978
569.5	27	389	362	389	576.4	10	31	21	31	584.6	1	3	2	1
569.6	...	15	15	15	576.5	1	4	3	4	584.7	1	4	3	-
569.8	1386	4756	3370	4791	576.8	151	1200	1049	1266	584.8	-	3	3	3
569.9	418	1182	772	1726	576.9	45	100	55	133	584.9	3240	22738	19499	22910
570	354	1528	1174	1533	577.0	2497	5795	3298	5835	585	5470	24376	18910	30602
571.0	528	871	343	42	577.1	237	998	761	998	586	12455	73461	61007	84413
571.1	918	907	203	1111	577.2	63	224	161	224	587	68	164	97	216
571.2	7819	10009	2193	4732	577.8	60	345	285	345	588.0	9	32	23	32
571.3	2388	2874	896	3197	577.9	80	216	136	243	588.1	6	19	13	19
571.4	583	1229	646	1236	578.0	28	187	159	206	588.8	32	141	109	141
571.5	11780	21181	9404	26655	578.1	9	67	58	67	588.9	-	-	-	-
571.6	414	614	200	617	578.9	6530	31558	25043	37353	589.0	-	-	-	-
571.8	485	1692	1207	2521	579.0	8	43	35	43	589.1	-	-	-	-
571.9	294	689	395	773	579.1	16	48	32	48	589.9	1	1	-	1
572.0	112	339	227	339	579.2	...	407	407	407	590.0	191	451	261	476
572.1	3	8	5	8	579.3	...	20	20	20	590.1	170	346	176	359
572.2	405	5765	5360	5949	579.4	-	1	1	1	590.2	67	170	103	180
572.3	132	1242	1110	1242	579.8	8	32	24	32	590.3	-	-	-	-
572.4	496	5162	4666	5162	579.9	82	332	250	335	590.8	559	1258	711	1351
572.8	2541	24796	22255	24796	580.0	-	-	-	-	590.9	36	94	58	100
573.0	27	221	194	221	580.4	-	-	-	-	591	97	677	580	678
573.3	640	1686	1049	1767	580.8	6	17	11	10	592.0	244	708	464	709
573.4	41	88	47	88	580.9	73	505	432	512	592.1	21	54	33	52
573.8	168	1367	1199	1367	581.0	-	-	-	-	592.9	14	69	55	73
573.9	988	2402	1420	3828	581.1	4	14	10	4	593.0	-	-	-	-
574.0	145	225	80	2	581.2	-	3	3	1	593.1	-	2	2	2
574.1	233	506	273	2	581.3	-	6	6	-	593.2	1	5	4	5
574.2	599	2111	1512	2828	581.8	2	7	5	1	593.3	10	30	20	30
574.3	16	25	9	1	581.9	207	635	433	830	593.4	70	601	531	603
574.4	14	46	32	-	582.0	-	-	-	-	593.5	4	27	23	27
574.5	189	359	170	430	582.1	-	1	1	-	593.6	-	-	-	-
575.0	635	1229	594	1471	582.2	-	-	-	-	593.7	4	7	3	7
575.1	589	1536	947	2076	582.4	-	2	2	2	593.8	219	912	693	914

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
593.9	3904	20981	17104	29979	601.8	-	2	2	2	611.9	33	219	186	236
594.0	-	-	-	-	601.9	30	89	59	91	614.0	-	-	-	-
594.1	14	47	33	47	602.0	-	5	5	5	614.1	1	1	-	1
594.2	3	6	3	6	602.1	3	37	34	37	614.2	19	31	12	31
594.8	-	-	-	-	602.2	-	-	-	-	614.3	1	1	-	1
594.9	-	1	1	1	602.8	1	5	4	5	614.4	60	198	138	198
595.0	15	44	29	44	602.9	67	213	146	229	614.5	1	2	1	2
595.1	-	3	3	3	603.0	-	-	-	-	614.6	1	3	2	3
595.2	27	110	83	110	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	2	2	2	603.8	-	1	1	1	614.8	-	-	-	-
595.8	8	52	44	52	603.9	-	15	15	15	614.9	18	27	9	27
595.9	101	465	364	468	604.0	1	2	1	2	615.0	1	1	-	1
596.0	35	186	151	186	604.9	11	31	20	31	615.1	-	-	-	-
596.1	52	287	235	287	605	-	5	5	5	615.9	14	30	16	30
596.2	11	77	66	77	606	-	-	-	-	616.0	1	3	2	3
596.3	2	10	8	10	607.0	-	-	-	-	616.1	4	25	21	25
596.4	9	73	64	73	607.1	1	2	1	2	616.2	-	-	-	-
596.5	6	26	20	26	607.2	11	23	12	23	616.3	1	1	-	1
596.6	9	41	32	41	607.3	-	-	-	-	616.4	-	3	3	3
596.7	1	2	1	2	607.8	-	2	2	2	616.5	-	-	-	-
596.8	5	134	129	134	607.9	1	2	1	3	616.8	1	2	1	2
596.9	9	38	29	44	608.0	-	-	-	-	616.9	1	2	1	2
597.0	1	5	4	5	608.1	-	1	1	1	617.0	-	-	-	-
597.8	1	6	5	6	608.2	-	1	1	1	617.1	-	1	1	1
598.0	-	-	-	-	608.3	-	2	2	2	617.2	-	-	-	-
598.1	-	-	-	-	608.4	47	82	35	82	617.3	-	-	-	-
598.2	-	1	1	1	608.8	32	72	40	72	617.4	-	-	-	-
598.8	-	-	-	-	608.9	1	6	5	21	617.5	-	-	-	-
598.9	26	104	78	104	610.0	-	1	1	1	617.6	-	-	-	-
599.0	11824	32623	20799	32932	610.1	-	10	10	10	617.8	-	1	1	1
599.1	2	32	30	32	610.2	1	1	-	1	617.9	3	9	6	9
599.2	2	2	-	2	610.3	-	-	-	-	618.0	11	22	11	22
599.3	-	-	-	-	610.4	-	-	-	-	618.1	10	44	34	44
599.4	-	-	-	-	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	-	-	-	610.9	-	-	-	-	618.3	-	1	1	1
599.6	222	1173	951	1173	611.0	7	26	19	26	618.4	-	1	1	1
599.7	38	542	504	542	611.1	-	1	1	1	618.5	-	1	1	1
599.8	12	38	26	38	611.2	-	-	-	-	618.6	1	2	1	2
599.9	15	75	60	91	611.3	-	1	1	1	618.7	1	1	-	1
600	410	2081	1672	2081	611.4	-	-	-	-	618.8	1	1	-	1
601.0	6	10	4	10	611.5	-	-	-	-	618.9	-	-	-	-
601.1	5	28	23	28	611.6	-	-	-	-	619.0	8	37	29	37
601.2	3	5	2	5	611.7	-	14	14	14	619.1	34	210	176	210
601.3	-	2	2	2	611.8	1	2	1	2	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, 1993

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
619.8	-	1	1	1	624.2	-	-	-	-	631	-	-	-	-
619.9	4	41	37	41	624.3	-	-	-	-	632	-	-	-	-
620.0	-	-	-	-	624.4	-	-	-	-	633.0	-	-	-	-
620.1	1	7	6	7	624.5	-	-	-	-	633.1	13	13	-	13
620.2	9	44	35	45	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	1	1	1	624.8	-	6	6	6	633.8	-	-	-	-
620.4	-	-	-	-	624.9	-	1	1	1	633.9	21	23	2	23
620.5	2	3	1	3	625.0	-	-	-	-	634.0	1	1	-	-
620.6	-	-	-	-	625.1	-	-	-	-	634.1	1	1	-	-
620.7	-	1	1	1	625.2	-	-	-	-	634.2	-	-	-	-
620.8	4	18	14	18	625.3	-	1	1	1	634.3	-	-	-	-
620.9	10	49	40	54	625.4	-	-	-	-	634.4	-	-	-	-
621.0	1	4	3	4	625.5	-	-	-	-	634.5	-	-	-	-
621.1	-	-	-	-	625.6	1	4	3	4	634.6	-	2	2	-
621.2	1	4	3	4	625.8	-	-	-	-	634.7	2	3	1	-
621.3	-	6	6	6	625.9	1	2	1	2	634.8	-	-	-	-
621.4	1	2	1	2	626.0	-	-	-	-	634.9	-	2	2	6
621.5	-	-	-	-	626.1	-	-	-	-	635.0	2	2	-	-
621.6	-	-	-	-	626.2	-	8	8	8	635.1	-	1	1	-
621.7	-	-	-	-	626.3	-	-	-	-	635.2	2	2	-	-
621.8	2	19	17	19	626.4	-	-	-	-	635.3	-	-	-	-
621.9	5	100	95	100	626.5	-	-	-	-	635.4	-	-	-	-
622.0	-	3	3	3	626.6	-	1	1	1	635.5	-	-	-	-
622.1	1	5	4	5	626.7	-	-	-	-	635.6	-	-	-	-
622.2	-	-	-	-	626.8	-	2	2	2	635.7	-	1	1	-
622.3	-	1	1	1	626.9	4	37	33	37	635.8	-	-	-	-
622.4	1	12	11	12	627.0	-	-	-	-	635.9	-	-	-	4
622.5	1	1	-	1	627.1	2	11	9	11	636.0	-	-	-	-
622.6	-	-	-	-	627.2	-	17	17	17	636.1	-	-	-	-
622.7	-	1	1	1	627.3	1	2	1	2	636.2	-	-	-	-
622.8	-	15	15	15	627.4	-	2	2	2	636.3	-	-	-	-
622.9	-	1	1	1	627.8	-	3	3	3	636.4	-	-	-	-
623.0	-	1	1	1	627.9	-	-	-	-	636.5	-	-	-	-
623.1	-	1	1	1	628.0	-	-	-	-	636.6	-	-	-	-
623.2	-	1	1	1	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	-	-	-	636.8	-	-	-	-
623.4	-	-	-	-	628.4	-	-	-	-	636.9	-	-	-	-
623.5	-	-	-	-	628.8	-	-	-	-	637.0	4	4	-	2
623.6	-	-	-	-	628.9	-	-	-	-	637.1	-	-	-	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	-	-	-	-
623.8	9	134	125	134	629.1	-	-	-	-	637.3	-	-	-	-
623.9	-	1	1	1	629.8	1	7	6	7	637.4	-	1	1	-
624.0	-	-	-	-	629.9	-	9	9	10	637.5	-	1	1	-
624.1	-	-	-	-	630	-	-	-	-	637.6	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
637.7	-	-	-	-	646.8	-	-	-	-	673	42	73	31	76
637.8	-	-	-	-	646.9	2	5	3	8	674	47	65	18	67
637.9	1	1	1	3	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	-	-	-	-
638.2	-	-	-	-	647.3	-	-	-	-	680.1	1	1	-	1
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	-	-	-
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	-	-	-
638.5	-	-	-	-	647.6	-	-	-	-	680.4	-	-	-	-
638.6	-	-	-	-	647.8	2	2	-	2	680.5	-	-	-	-
638.7	-	-	-	-	647.9	-	-	-	-	680.6	-	-	-	-
638.8	-	-	-	-	648.0	-	1	1	1	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	-	1	1	1
639.0	...	-	-	7	648.2	2	2	-	2	680.9	-	3	3	3
639.1	...	2	2	17	648.3	-	-	-	-	681.0	1	4	3	4
639.2	...	-	-	2	648.4	-	1	1	1	681.1	1	10	9	10
639.3	...	-	-	-	648.5	-	-	-	-	681.9	1	1	-	1
639.4	...	-	-	1	648.6	7	7	-	7	682.0	4	52	48	52
639.5	...	-	-	4	648.7	-	-	-	-	682.1	13	47	34	47
639.6	...	-	-	2	648.8	-	-	-	-	682.2	60	255	195	255
639.8	...	1	1	11	648.9	3	3	-	3	682.3	42	170	128	170
639.9	...	-	-	-	650	-	-	-	-	682.4	6	39	33	39
640	-	-	-	-	651	-	1	1	1	682.5	7	42	35	42
641	26	45	22	48	652	-	-	-	-	682.6	183	954	771	954
642.0	1	3	2	3	653	-	-	-	-	682.7	46	254	208	254
642.1	-	-	-	-	654	-	1	1	1	682.8	30	129	99	129
642.2	1	2	1	3	655	-	-	-	-	682.9	269	1519	1250	1538
642.3	-	-	-	-	656	3	6	3	6	683	-	5	5	5
642.4	21	30	9	32	657	-	-	-	-	684	1	9	8	9
642.5	1	5	4	8	658	2	5	3	5	685.0	-	-	-	-
642.6	25	30	5	31	659	-	1	1	1	685.1	1	1	-	1
642.7	1	1	-	-	660	-	1	1	1	686.0	7	46	39	46
642.9	5	11	6	16	661	1	2	1	2	686.1	9	64	55	64
643	-	-	-	-	662	1	1	-	1	686.8	1	4	3	4
644	-	1	1	1	663	1	1	-	1	686.9	95	610	515	622
645	-	-	-	-	664	-	-	-	-	690	-	5	5	5
646.0	-	-	-	-	665	3	4	1	4	691.0	1	1	-	1
646.1	-	1	1	2	666	14	37	23	34	691.8	2	10	8	10
646.2	-	1	1	1	667	2	2	-	7	692.0	-	-	-	-
646.3	-	-	-	-	668	-	2	2	3	692.1	-	-	-	-
646.4	-	-	-	-	669	21	82	61	82	692.2	-	-	-	-
646.5	-	-	-	-	670	4	7	3	7	692.3	-	-	-	-
646.6	6	7	1	7	671	8	12	4	12	692.4	-	-	-	-
646.7	3	6	3	6	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, 1993

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	-	-	-	-	701.1	1	12	11	12	709.8	-	10	10	10
692.7	-	2	2	2	701.2	-	-	-	-	709.9	4	35	31	35
692.8	-	5	5	5	701.3	-	1	1	1	710.0	1180	2240	1060	2240
692.9	14	140	126	166	701.4	-	1	1	1	710.1	1046	1692	646	1692
693.0	2	7	5	7	701.5	-	-	-	-	710.2	68	227	159	227
693.1	11	15	4	15	701.8	1	4	3	4	710.3	81	197	116	197
693.8	-	-	-	-	701.9	-	-	-	-	710.4	208	490	282	490
693.9	-	-	-	-	702	1	7	6	7	710.8	4	14	10	14
694.0	-	5	5	5	703.0	-	-	-	-	710.9	125	256	131	286
694.1	2	5	3	5	703.8	-	-	-	-	711.0	108	238	130	238
694.2	-	-	-	-	703.9	-	-	-	-	711.9	3	13	10	15
694.3	-	-	-	-	704.0	-	2	2	2	712.8	-	-	-	-
694.4	38	185	147	185	704.1	-	1	1	1	712.9	-	2	2	2
694.5	82	372	290	372	704.2	-	-	-	-	714.0	1770	9382	7612	9382
694.6	1	2	1	2	704.3	-	-	-	-	714.1	29	113	84	113
694.8	-	2	2	2	704.8	-	4	4	4	714.2	4	9	5	9
694.9	-	4	4	4	704.9	-	-	-	-	714.3	12	33	21	33
695.0	-	1	1	1	705.0	1	1	-	1	714.4	-	-	-	-
695.1	102	228	126	228	705.1	-	-	-	-	714.8	94	255	161	255
695.2	-	1	1	1	705.8	5	10	5	10	714.9	2	29	27	30
695.3	-	1	1	1	705.9	-	-	-	-	715.0	7	252	245	252
695.4	100	380	280	380	706.0	-	-	-	-	715.1	-	-	-	-
695.8	21	62	41	62	706.1	-	1	1	1	715.2	-	-	-	-
695.9	17	163	146	163	706.2	1	5	4	5	715.3	35	208	173	208
696.0	3	75	72	75	706.3	-	2	2	2	715.8	-	10	10	10
696.1	16	311	295	311	706.8	-	-	-	-	715.9	507	12638	12131	12643
696.2	-	1	1	1	706.9	-	-	-	-	716.0	-	2	2	2
696.3	-	1	1	1	707.0	1811	9948	8138	11600	716.1	1	5	4	5
696.4	-	-	-	-	707.1	104	748	644	1111	716.2	-	-	-	-
696.5	-	-	-	-	707.8	26	145	120	183	716.3	-	1	1	1
696.8	-	-	-	-	707.9	72	561	489	726	716.4	-	-	-	-
697.0	-	7	7	7	708.0	-	-	-	-	716.5	4	35	31	35
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	1	1	1
697.8	-	-	-	-	708.2	-	-	-	-	716.8	1	8	7	8
697.9	-	-	-	-	708.3	-	-	-	-	716.9	211	3894	3683	4172
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	-	-	-
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	2	2	2
698.2	-	-	-	-	708.8	-	2	2	2	717.2	-	-	-	-
698.3	1	12	11	12	708.9	-	5	5	5	717.3	-	-	-	-
698.4	-	-	-	-	709.0	2	10	8	10	717.4	-	-	-	-
698.8	1	1	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	-	12	12	13	709.2	-	30	30	30	717.6	-	-	-	-
700	1	1	-	1	709.3	-	-	-	-	717.7	-	1	1	1
701.0	-	9	9	9	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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
717.9	-	1	1	1	722.9	9	68	59	69	728.3	4	37	33	37
718.0	-	-	-	-	723.0	21	91	70	91	728.4	1	2	1	2
718.1	-	1	1	1	723.1	1	10	9	10	728.5	-	-	-	-
718.2	-	4	4	4	723.2	-	-	-	-	728.6	-	2	2	2
718.3	1	8	7	8	723.3	-	-	-	-	728.7	-	1	1	1
718.4	2	68	66	68	723.4	-	12	12	12	728.8	204	658	454	658
718.5	1	23	22	23	723.5	-	10	10	10	728.9	35	180	145	182
718.6	-	1	1	1	723.6	-	-	-	-	729.0	1	21	20	21
718.8	-	6	6	6	723.7	-	-	-	-	729.1	30	139	109	139
718.9	3	15	12	15	723.8	-	1	1	1	729.2	2	86	84	101
719.0	-	1	1	1	723.9	-	-	-	-	729.3	16	53	37	53
719.1	-	4	4	4	724.0	25	675	650	676	729.4	172	463	291	463
719.2	-	1	1	1	724.1	-	3	3	3	729.5	1	39	38	39
719.3	-	1	1	1	724.2	-	54	54	54	729.6	-	-	-	-
719.4	1	28	27	28	724.3	-	14	14	14	729.8	7	22	15	22
719.5	-	2	2	2	724.4	-	15	15	15	729.9	-	3	3	3
719.6	-	1	1	1	724.5	18	186	168	186	730.0	7	20	13	20
719.7	-	1	1	1	724.6	1	10	9	10	730.1	52	191	139	191
719.8	-	3	3	3	724.7	-	-	-	-	730.2	553	1522	969	1531
719.9	18	844	826	875	724.8	-	4	4	4	730.3	-	-	-	-
720.0	52	271	219	271	724.9	3	37	34	41	730.9	8	27	19	27
720.1	-	-	-	-	725	49	843	794	843	731.0	90	750	660	769
720.2	-	-	-	-	726.0	-	1	1	1	731.2	-	2	2	2
720.8	-	-	-	-	726.1	-	1	1	1	732.0	1	1	-	1
720.9	2	14	12	14	726.2	-	-	-	-	732.1	5	10	5	10
721.0	26	101	78	120	726.3	1	5	4	5	732.2	-	-	-	-
721.1	52	172	120	156	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	3	3	3	726.5	-	-	-	-	732.4	-	-	-	-
721.3	2	20	18	20	726.6	-	-	-	-	732.5	-	-	-	-
721.4	4	10	6	10	726.7	-	1	1	1	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	-	-	-	726.9	-	10	10	10	732.8	-	-	-	-
721.7	-	3	3	3	727.0	-	8	8	8	732.9	-	-	-	-
721.8	-	1	1	1	727.1	-	3	3	3	733.0	692	7508	6816	7509
721.9	20	263	244	265	727.2	-	1	1	1	733.1	92	2837	2745	2837
722.0	5	14	10	15	727.3	3	15	12	15	733.2	-	4	4	4
722.1	4	26	22	27	727.4	1	7	6	7	733.3	-	-	-	-
722.2	8	34	26	34	727.5	-	1	1	1	733.4	9	45	36	45
722.3	-	-	-	-	727.6	-	2	2	2	733.5	-	-	-	-
722.4	5	9	4	9	727.8	-	3	3	3	733.6	-	-	-	-
722.5	3	28	25	28	727.9	-	5	5	5	733.7	-	-	-	-
722.6	7	98	91	98	728.0	4	5	1	5	733.8	6	46	40	46
722.7	-	3	3	1	728.1	2	4	2	4	733.9	56	306	254	370
722.8	-	1	1	1	728.2	18	67	51	72	734	-	-	-	-

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
735.0	-	-	-	-	740.0	365	380	15	380	746.4	49	84	35	84
735.1	-	-	-	-	740.1	-	1	1	1	746.5	8	11	3	11
735.2	-	-	-	-	740.2	2	4	2	4	746.6	3	12	9	12
735.3	-	-	-	-	741.0	89	134	45	69	746.7	589	652	63	652
735.4	-	-	-	-	741.9	65	179	114	272	746.8	405	642	237	651
735.5	-	-	-	-	742.0	63	84	21	84	746.9	1553	2017	464	2717
735.8	-	-	-	-	742.1	103	188	85	188	747.0	84	328	244	328
735.9	-	-	-	-	742.2	150	239	89	239	747.1	101	215	114	215
736.0	-	2	2	2	742.3	285	462	177	536	747.2	39	69	30	83
736.1	-	-	-	-	742.4	73	113	40	113	747.3	140	256	116	292
736.2	-	1	1	1	742.5	500	995	521	1080	747.4	95	126	31	126
736.3	1	1	-	1	742.8	31	64	33	64	747.5	-	4	4	4
736.4	-	-	-	-	742.9	182	255	73	305	747.6	190	326	136	340
736.5	-	-	-	-	743.0	-	3	3	3	747.8	425	492	67	509
736.6	-	-	-	-	743.1	1	5	4	5	747.9	60	78	18	87
736.7	-	9	9	9	743.2	-	2	2	2	748.0	3	10	7	10
736.8	1	168	167	168	743.3	-	1	1	1	748.1	1	2	1	2
736.9	-	7	7	7	743.4	-	3	3	3	748.2	-	2	2	2
737.0	-	-	-	-	743.5	-	-	-	-	748.3	69	111	42	111
737.1	68	408	340	408	743.6	-	1	1	1	748.4	6	12	6	12
737.2	-	2	2	2	743.8	-	-	-	-	748.5	905	1552	647	1552
737.3	230	796	566	1026	743.9	-	4	4	4	748.6	47	69	22	74
737.8	-	-	-	-	744.0	-	3	3	3	748.8	1	4	3	4
737.9	-	3	3	3	744.1	-	-	-	-	748.9	10	17	7	18
738.0	-	-	-	-	744.2	-	3	3	3	749.0	9	46	37	81
738.1	-	1	1	1	744.3	-	7	7	7	749.1	-	1	1	36
738.2	-	1	1	1	744.4	-	2	2	2	749.2	4	39	35	4
738.3	2	42	40	42	744.5	-	2	2	2	750.0	-	-	-	-
738.4	1	3	2	3	744.8	3	10	7	10	750.1	-	2	2	2
738.5	2	11	9	11	744.9	2	13	11	13	750.2	1	2	1	2
738.6	-	-	-	-	745.0	70	102	32	102	750.3	17	65	48	65
738.7	-	-	-	-	745.1	224	280	56	280	750.4	20	45	25	45
738.8	-	4	4	4	745.2	250	332	82	332	750.5	3	6	3	6
738.9	2	9	7	9	745.3	57	78	21	78	750.6	-	5	5	5
739.0	-	-	-	-	745.4	381	794	413	805	750.7	1	2	1	2
739.1	-	-	-	-	745.5	340	601	261	601	750.8	1	2	1	2
739.2	-	-	-	-	745.6	107	200	93	200	750.9	6	9	3	9
739.3	-	-	-	-	745.7	-	-	-	-	751.0	12	22	10	22
739.4	-	-	-	-	745.8	1	2	1	2	751.1	18	47	29	47
739.5	-	-	-	-	745.9	15	22	7	28	751.2	1	48	47	48
739.6	-	-	-	-	746.0	22	46	24	54	751.3	28	39	11	39
739.7	-	-	-	-	746.1	35	52	17	52	751.4	18	28	10	28
739.8	-	-	-	-	746.2	53	67	14	68	751.5	29	62	33	66
739.9	-	-	-	-	746.3	92	118	26	118	751.6	66	122	56	122

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, 1993

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
751.7	1	6	5	6	756.3	6	20	14	20	760.8	30	49	19	49
751.8	4	6	2	6	756.4	26	54	28	54	760.9	2	2	-	2
751.9	7	16	9	16	756.5	67	141	74	142	761.0	268	307	39	307
752.0	-	-	-	-	756.6	318	408	90	408	761.1	537	802	265	802
752.1	-	-	-	-	756.7	43	72	29	72	761.2	25	219	194	219
752.2	-	-	-	-	756.8	28	65	37	65	761.3	11	23	12	23
752.3	1	2	1	2	756.9	10	20	10	24	761.4	2	3	1	3
752.4	-	-	-	-	757.0	1	8	7	8	761.5	428	952	524	953
752.5	-	4	4	4	757.1	4	13	9	13	761.6	10	11	1	11
752.6	-	8	8	8	757.2	-	-	-	-	761.7	2	3	1	3
752.7	1	9	8	9	757.3	34	96	62	98	761.8	61	75	14	75
752.8	-	4	4	4	757.4	-	1	1	1	761.9	-	-	-	-
752.9	3	15	12	15	757.5	-	-	-	-	762.0	34	48	14	48
753.0	366	469	103	469	757.6	-	-	-	-	762.1	443	563	120	576
753.1	398	961	563	961	757.8	-	1	1	1	762.2	24	40	16	40
753.2	9	24	15	24	757.9	-	2	2	3	762.3	53	93	40	93
753.3	14	57	43	57	758.0	493	1375	884	1377	762.4	29	56	27	56
753.4	1	3	2	3	758.1	295	327	32	327	762.5	23	34	11	34
753.5	1	2	1	2	758.2	426	485	59	485	762.6	9	10	1	10
753.6	5	16	11	16	758.3	14	23	9	23	762.7	378	548	170	548
753.7	1	2	1	2	758.4	4	4	-	4	762.8	2	5	3	5
753.8	2	16	14	16	758.5	54	73	19	73	762.9	-	-	-	-
753.9	35	117	82	139	758.6	18	61	43	61	763.0	17	33	16	33
754.0	1	2	1	2	758.7	7	19	12	19	763.1	14	16	2	16
754.1	-	-	-	-	758.8	15	18	3	18	763.2	3	3	-	3
754.2	6	18	12	18	758.9	120	178	58	222	763.3	-	-	-	-
754.3	-	5	5	5	759.0	22	78	56	78	763.4	2	12	10	12
754.4	-	-	-	-	759.1	5	15	10	15	763.5	-	-	-	-
754.5	-	2	2	2	759.2	3	7	4	7	763.6	8	18	10	18
754.6	-	-	-	-	759.3	17	42	25	42	763.7	5	7	2	7
754.7	-	10	10	10	759.4	26	37	11	37	763.8	28	74	46	74
754.8	7	20	13	20	759.5	34	63	29	63	763.9	31	50	19	51
755.0	1	12	11	12	759.6	9	35	26	35	764.0	2	22	20	22
755.1	-	6	6	6	759.7	387	479	92	981	764.1	-	-	-	-
755.2	-	7	7	7	759.8	336	567	231	568	764.2	-	-	-	-
755.3	-	6	6	6	759.9	103	223	120	379	764.9	23	116	93	117
755.4	-	1	1	1	760.0	31	53	22	54	765.0	3164	9666	6502	9708
755.5	2	15	13	15	760.1	-	2	2	2	765.1	1156	5239	4085	7104
755.6	1	14	13	14	760.2	18	29	11	30	766.0	-	3	3	3
755.8	13	42	29	42	760.3	2	5	3	5	766.1	-	1	1	1
755.9	-	5	5	5	760.4	-	1	1	1	766.2	-	1	1	1
756.0	29	73	44	80	760.5	28	55	27	55	767.0	202	486	284	486
756.1	32	87	55	87	760.6	-	-	-	-	767.1	-	3	3	3
756.2	-	-	-	-	760.7	85	165	80	165	767.2	1	2	1	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, 1993

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	5	4	5	773.2	14	57	43	97	778.5	-	8	8	8
767.4	2	4	2	4	773.3	2	2	-	1	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	1	1	-	1	773.5	-	-	-	-	778.8	-	-	-	-
767.7	-	-	-	-	774.1	-	-	-	-	778.9	-	2	2	2
767.8	14	34	20	34	774.2	1	17	16	-	779.0	13	116	103	118
767.9	8	21	13	25	774.3	-	-	-	-	779.1	-	1	1	1
768.2	-	1	1	1	774.4	5	8	3	8	779.2	7	12	5	13
768.3	-	-	-	-	774.5	-	-	-	-	779.3	2	4	2	4
768.4	148	358	210	394	774.6	2	9	7	29	779.4	-	1	1	1
768.5	68	123	55	139	774.7	2	5	3	6	779.5	-	2	2	2
768.6	-	-	-	-	775.0	9	31	22	31	779.6	56	69	13	69
768.9	354	1014	660	1215	775.1	-	-	-	-	779.8	1354	4322	2968	4322
769	1819	2268	449	2268	775.2	-	-	-	-	779.9	24	23	1	56
770.0	27	48	21	48	775.3	1	1	-	1	780.0	20	3976	3956	4630
770.1	90	192	102	192	775.4	1	5	4	5	780.1	-	12	12	12
770.2	206	769	563	769	775.5	5	16	11	16	780.2	12	1416	1404	1416
770.3	165	486	321	486	775.6	1	10	9	11	780.3	753	19172	18419	19172
770.4	275	395	120	395	775.7	1	3	2	3	780.4	-	113	113	113
770.5	30	62	32	62	775.8	-	-	-	-	780.5	-	29	29	29
770.6	-	1	1	1	775.9	-	2	2	2	780.6	60	1650	1590	1655
770.7	450	719	269	720	776.0	3	5	2	6	780.7	10	914	904	915
770.8	1042	2957	1915	2958	776.1	-	2	2	2	780.8	-	1	1	1
770.9	-	1	1	2	776.2	45	221	176	221	780.9	2	512	510	512
771.0	5	7	2	7	776.3	-	4	4	4	781.0	1	101	100	101
771.1	38	56	18	56	776.4	-	2	2	2	781.1	-	-	-	-
771.2	27	34	7	36	776.5	4	12	8	10	781.2	-	30	30	30
771.3	1	2	1	2	776.6	8	56	48	8	781.3	-	164	164	164
771.4	5	10	5	10	776.7	1	3	2	3	781.4	-	3	3	3
771.5	-	1	1	1	776.8	-	-	-	-	781.5	-	1	1	1
771.6	-	-	-	-	776.9	1	1	-	1	781.6	-	-	-	-
771.7	20	35	15	35	777.1	-	-	-	-	781.7	-	2	2	2
771.8	690	1521	831	1522	777.2	-	-	-	-	781.9	29	403	374	403
772.0	8	18	10	18	777.3	-	-	-	-	782.0	-	6	6	6
772.1	236	739	503	740	777.4	-	1	1	1	782.1	-	19	19	19
772.2	4	18	14	18	777.5	338	426	88	426	782.2	1	21	20	21
772.3	1	2	1	2	777.6	40	99	59	99	782.3	5	1728	1723	1805
772.4	7	17	10	17	777.8	1	3	2	3	782.4	6	895	889	895
772.5	2	7	5	7	777.9	-	-	-	-	782.5	-	37	37	37
772.6	4	7	3	7	778.0	176	342	166	343	782.6	-	-	-	-
772.8	15	49	34	49	778.1	-	2	2	2	782.7	-	29	29	29
772.9	11	46	35	54	778.2	1	1	-	1	782.8	-	-	-	-
773.0	7	9	2	9	778.3	7	25	18	25	782.9	-	2	2	2
773.1	-	1	1	1	778.4	-	-	-	-	783.0	9	2095	2086	2095

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY
		TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS
	MENTION	ARY			MENTION	ARY				MENTION	ARY			
783.1	-	-	-	-	788.0	-	3	3	3	793.2	-	8	8	8
783.2	-	675	675	675	788.1	1	3	3	3	793.3	-	-	-	-
783.3	-	115	115	115	788.2	-	462	462	462	793.4	-	-	-	-
783.4	56	1780	1724	1798	788.3	-	275	275	275	793.5	-	-	-	-
783.5	-	13	13	13	788.4	-	3	3	3	793.6	-	1	1	1
783.6	2	57	55	57	788.5	-	379	379	379	793.7	-	-	-	-
783.9	2	159	157	159	788.6	-	1	1	1	793.8	-	-	-	-
784.0	1	51	50	51	788.7	-	-	-	-	793.9	-	1	1	1
784.1	-	-	-	-	788.8	-	3	3	3	794.0	-	2	2	2
784.2	3	116	113	116	788.9	-	8	8	8	794.1	-	-	-	-
784.3	1	1392	1391	1392	789.0	56	1247	1191	1247	794.2	-	1	1	1
784.4	-	11	11	11	789.1	2	341	339	341	794.3	1	5	4	5
784.5	-	269	269	269	789.2	-	210	210	217	794.4	-	-	-	-
784.6	-	14	14	14	789.3	11	381	370	381	794.5	-	-	-	-
784.7	4	195	191	195	789.4	-	-	-	-	794.6	-	-	-	-
784.8	-	33	33	33	789.5	12	5116	5104	5116	794.7	-	-	-	-
784.9	1	25	24	25	789.9	13	204	191	204	794.8	-	45	45	45
785.0	2	650	648	650	790.0	-	-	-	-	794.9	-	-	-	-
785.1	-	11	11	11	790.1	-	2	2	2	795.0	2	6	4	6
785.2	-	62	62	62	790.2	-	28	28	28	795.1	3	8	5	8
785.3	-	1	1	1	790.3	20	1157	1137	1200	795.2	1	2	1	2
785.4	123	6354	6231	10300	790.4	-	2	2	2	795.3	-	3	3	3
785.5	1135	57080	55945	57094	790.5	-	2	2	2	795.4	-	1	1	1
785.6	-	183	183	185	790.6	9	817	808	983	795.5	-	2	2	2
785.9	-	23	23	23	790.7	20	1255	1235	1309	795.6	-	-	-	-
786.0	107	10027	9920	10033	790.8	1	75	74	75	795.7	-	2	2	2
786.1	1	13	12	13	790.9	-	7	7	7	795.8	-	1022	1022	1057
786.2	1	45	44	45	791.0	-	27	27	27	796.0	-	3	3	3
786.3	54	3161	3107	3161	791.1	-	3	3	3	796.1	-	3	3	3
786.4	-	5	5	5	791.2	-	4	4	4	796.2	-	-	-	-
786.5	5	196	191	196	791.3	-	50	50	50	796.3	-	-	-	-
786.6	2	60	58	60	791.4	-	1	1	1	796.4	-	5	5	5
786.7	-	2	2	2	791.5	-	2	2	2	796.9	-	1	1	1
786.8	-	5	5	5	791.6	-	-	-	-	797	1954	17648	15695	18614
786.9	-	49	49	49	791.7	-	2	2	2	798.0	4669	4963	294	4963
787.0	1	853	852	860	791.9	7	3047	3040	3047	798.1	333	371	38	371
787.1	-	1	1	1	792.0	-	-	-	-	798.2	-	-	-	-
787.2	7	6003	5996	6003	792.1	-	2	2	2	798.9	37	41	4	41
787.3	2	87	85	87	792.2	-	-	-	-	799.0	109	12297	12188	12328
787.4	-	1	1	1	792.3	-	2	2	2	799.1	2914	206543	203629	206543
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	3	3	3
787.6	-	32	32	32	792.9	-	-	-	-	799.3	42	4897	4855	5037
787.7	-	-	-	-	793.0	-	-	-	-	799.4	46	10082	10036	10302
787.9	-	38	38	38	793.1	-	59	59	59	799.8	192	6032	5840	6032

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
799.9	13667	29370	15729	29370	E807.1	-	-	-	-	E813.9	6	6	-	6
E800.0	6	6	-	6	E807.2	-	-	-	-	E814.0	1	1	-	1
E800.1	-	-	-	-	E807.3	-	-	-	-	E814.1	2	2	-	2
E800.2	1	1	-	1	E807.8	2	2	-	2	E814.2	4	4	-	4
E800.3	-	-	-	-	E807.9	14	17	3	17	E814.3	1	3	2	3
E800.8	-	-	-	-	E810.0	294	295	1	295	E814.4	-	-	-	-
E800.9	1	1	-	1	E810.1	106	106	-	106	E814.5	2	2	-	2
E801.0	-	-	-	-	E810.2	8	8	-	8	E814.6	2	2	-	2
E801.1	-	-	-	-	E810.3	1	1	-	1	E814.7	5910	5978	68	5978
E801.2	-	-	-	-	E810.4	-	-	-	-	E814.8	-	-	-	-
E801.3	8	8	-	8	E810.5	-	-	-	-	E814.9	1	1	-	1
E801.8	-	-	-	-	E810.6	-	-	-	-	E815.0	3241	3320	79	3320
E801.9	-	-	-	-	E810.7	4	4	-	4	E815.1	1285	1290	5	1290
E802.0	4	4	-	4	E810.8	9	9	-	9	E815.2	361	367	7	367
E802.1	39	39	-	39	E810.9	131	132	1	132	E815.3	27	27	-	27
E802.2	-	-	-	-	E811.0	13	13	-	13	E815.4	1	1	-	1
E802.3	-	-	-	-	E811.1	4	4	-	4	E815.5	-	-	-	-
E802.8	-	-	-	-	E811.2	-	-	-	-	E815.6	1	1	-	1
E802.9	-	-	-	-	E811.3	-	-	-	-	E815.7	4	4	-	4
E803.0	1	1	-	1	E811.4	-	-	-	-	E815.8	-	-	-	-
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	645	664	19	664
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	3449	3501	52	3501
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1443	1449	6	1449
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	271	273	2	273
E803.9	-	-	-	-	E811.9	-	-	-	-	E816.3	34	34	-	34
E804.0	4	4	-	4	E812.0	8278	8396	119	8396	E816.4	-	-	-	-
E804.1	2	2	-	2	E812.1	4109	4163	55	4163	E816.5	-	-	-	-
E804.2	1	1	-	1	E812.2	931	944	13	944	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	106	106	-	106	E816.7	6	6	-	6
E804.8	5	5	-	5	E812.4	1	1	-	1	E816.8	-	-	-	-
E804.9	11	11	-	11	E812.5	1	1	-	1	E816.9	1038	1057	19	1057
E805.0	15	15	-	15	E812.6	3	3	-	3	E817.0	-	-	-	-
E805.1	3	3	-	3	E812.7	40	40	-	40	E817.1	6	7	1	7
E805.2	533	539	6	539	E812.8	4	4	-	4	E817.2	-	-	-	-
E805.3	3	3	-	3	E812.9	2158	2200	42	2200	E817.3	-	-	-	-
E805.8	-	-	-	-	E813.0	8	8	-	8	E817.4	1	1	-	1
E805.9	9	9	-	9	E813.1	2	2	-	2	E817.5	-	-	-	-
E806.0	-	-	-	-	E813.2	1	1	-	1	E817.6	-	-	-	-
E806.1	1	1	-	1	E813.3	-	-	-	-	E817.7	1	1	-	1
E806.2	1	1	-	1	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	8	8	-	8	E817.9	17	22	5	22
E806.8	-	-	-	-	E813.6	783	786	3	786	E818.0	134	135	1	135
E806.9	3	4	1	4	E813.7	2	2	-	2	E818.1	274	278	4	278
E807.0	3	3	-	3	E813.8	3	3	-	3	E818.2	20	20	-	20

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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS	
E818.3	8	8	-	E822.7	374	381	7	E827.4	-	-	-	-
E818.4	-	-	-	E822.8	2	2	-	E827.8	-	-	-	-
E818.5	-	-	-	E822.9	21	21	-	E827.9	1	1	-	1
E818.6	-	-	-	E823.0	26	28	2	E828.0	-	-	-	-
E818.7	10	10	-	E823.1	6	6	-	E828.1	1	1	-	1
E818.8	5	5	-	E823.2	11	11	-	E828.2	60	63	3	63
E818.9	438	448	10	E823.3	1	1	-	E828.3	-	-	-	-
E819.0	1146	1180	34	E823.4	-	-	-	E828.4	-	-	-	-
E819.1	791	811	20	E823.5	-	-	-	E828.8	-	-	-	-
E819.2	133	133	-	E823.6	1	1	-	E828.9	5	6	1	6
E819.3	21	21	-	E823.7	3	3	-	E829.0	5	6	1	6
E819.4	-	-	-	E823.8	2	2	-	E829.1	-	-	-	-
E819.5	-	-	-	E823.9	14	14	-	E829.2	-	-	-	-
E819.6	-	-	-	E824.0	-	-	-	E829.3	-	-	-	-
E819.7	1	1	-	E824.1	2	3	1	E829.4	-	-	-	-
E819.8	1	1	-	E824.2	-	-	-	E829.8	1	1	-	1
E819.9	3149	3445	297	E824.3	-	-	-	E829.9	1	1	-	1
E820.0	44	44	-	E824.4	-	-	-	E830.0	44	44	-	44
E820.1	1	2	1	E824.5	-	-	-	E830.1	39	39	-	39
E820.2	1	1	-	E824.6	-	-	-	E830.2	7	7	-	7
E820.3	-	-	-	E824.7	2	2	-	E830.3	6	6	-	6
E820.4	-	-	-	E824.8	1	1	-	E830.4	-	-	-	-
E820.5	-	-	-	E824.9	13	15	2	E830.5	-	-	-	-
E820.6	-	-	-	E825.0	48	49	1	E830.6	-	-	-	-
E820.7	1	1	-	E825.1	34	34	-	E830.8	-	-	-	-
E820.8	1	1	-	E825.2	11	11	-	E830.9	169	171	2	171
E820.9	55	57	2	E825.3	-	-	-	E831.0	3	3	-	3
E821.0	41	43	2	E825.4	-	-	-	E831.1	20	20	-	20
E821.1	4	4	-	E825.5	-	-	-	E831.2	2	2	-	2
E821.2	10	10	-	E825.6	-	-	-	E831.3	1	1	-	1
E821.3	-	-	-	E825.7	7	8	1	E831.4	-	-	-	-
E821.4	-	-	-	E825.8	3	3	-	E831.5	-	-	-	-
E821.5	1	1	-	E825.9	137	145	8	E831.6	-	-	-	-
E821.6	-	-	-	E826.0	5	5	-	E831.8	3	3	-	3
E821.7	8	9	1	E826.1	91	97	6	E831.9	27	28	1	28
E821.8	-	-	-	E826.2	1	1	-	E832.0	57	58	1	58
E821.9	69	74	5	E826.3	-	-	-	E832.1	37	38	1	38
E822.0	15	16	1	E826.4	-	-	-	E832.2	15	15	-	15
E822.1	13	13	-	E826.8	-	-	-	E832.3	11	11	-	11
E822.2	4	4	-	E826.9	6	7	1	E832.4	-	-	-	-
E822.3	-	-	-	E827.0	-	-	-	E832.5	-	-	-	-
E822.4	-	-	-	E827.1	-	-	-	E832.6	-	-	-	-
E822.5	1	1	-	E827.2	-	-	-	E832.8	1	1	-	1
E822.6	6	6	-	E827.3	6	6	-	E832.9	197	199	2	199

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, 1993

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	-	-	-	-
E833.1	-	1	1	1	E838.0	3	3	-	3	E843.5	6	6	-	6
E833.2	-	-	-	-	E838.1	27	27	-	27	E843.6	1	1	-	1
E833.3	-	-	-	-	E838.2	5	8	3	8	E843.7	-	-	-	-
E833.4	-	-	-	-	E838.3	1	1	-	1	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	3	3	-	3	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	3	3	-	3	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	-	-	-	-	E844.1	-	-	-	-
E833.9	-	-	-	-	E838.8	2	2	-	2	E844.2	-	-	-	-
E834.0	-	-	-	-	E838.9	66	67	1	67	E844.3	1	1	-	1
E834.1	-	-	-	-	E840.0	-	-	-	-	E844.4	-	-	-	-
E834.2	2	2	-	2	E840.1	3	3	-	3	E844.5	-	-	-	-
E834.3	-	-	-	-	E840.2	11	11	-	11	E844.6	-	-	-	-
E834.4	-	-	-	-	E840.3	29	29	-	29	E844.7	31	32	1	32
E834.5	-	-	-	-	E840.4	11	11	-	11	E844.8	14	14	-	14
E834.6	-	-	-	-	E840.5	12	12	-	12	E844.9	5	5	-	5
E834.8	-	-	-	-	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	1	2	1	2	E840.7	-	-	-	-	E845.1	-	1	1	1
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	-	-	-	-	E840.9	1	1	-	1	E845.3	-	-	-	-
E835.2	1	1	-	1	E841.0	-	-	-	-	E845.4	-	-	-	-
E835.3	1	1	-	1	E841.1	36	36	-	36	E845.5	-	-	-	-
E835.4	1	1	-	1	E841.2	82	82	-	82	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	338	337	1	337	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	15	15	-	15	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	225	225	-	225	E845.9	-	-	-	-
E835.9	3	3	-	3	E841.6	-	-	-	-	E846	4	4	-	4
E836.0	-	-	-	-	E841.7	1	1	-	1	E847	-	-	-	-
E836.1	-	-	-	-	E841.8	-	-	-	-	E848	37	45	8	45
E836.2	1	1	-	1	E841.9	13	13	-	13	E850.0	1728	1849	121	1849
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	47	60	13	60
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	88	113	25	113
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	1	1	-	1
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	3	5	2	5
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	77	83	6	83
E836.9	-	-	-	-	E842.5	2	2	-	2	E850.8	149	202	53	202
E837.0	-	-	-	-	E842.6	21	21	-	21	E850.9	1	1	-	1
E837.1	-	-	-	-	E842.7	1	1	-	1	E851	17	28	11	28
E837.2	1	1	-	1	E842.8	-	-	-	-	E852.0	5	6	1	6
E837.3	2	2	-	2	E842.9	-	-	-	-	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	2	4	2	4
E837.5	-	-	-	-	E843.1	-	-	-	-	E852.3	-	-	-	-
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	-	-	-	-
E837.8	-	-	-	-	E843.3	-	-	-	-	E852.5	5	5	-	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, 1993

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	3	3	-	3	E861.5	-	-	-	-	E868.1	12	12	-	12
E852.9	2	2	-	2	E861.6	5	5	-	5	E868.2	245	246	1	246
E853.0	11	18	7	18	E861.9	-	-	-	-	E868.3	77	77	-	77
E853.1	-	2	2	2	E862.0	-	-	-	-	E868.8	21	21	-	21
E853.2	44	63	19	63	E862.1	10	11	1	11	E868.9	127	137	10	137
E853.8	6	7	1	7	E862.2	-	-	-	-	E869.0	2	2	-	2
E853.9	3	3	-	3	E862.3	-	-	-	-	E869.1	-	1	1	1
E854.0	152	176	24	176	E862.4	39	48	9	48	E869.2	21	22	1	22
E854.1	1	16	15	16	E862.9	-	-	-	-	E869.3	1	1	-	1
E854.2	162	226	64	226	E863.0	-	-	-	-	E869.8	72	91	19	91
E854.3	-	-	-	-	E863.1	4	4	-	4	E869.9	15	19	4	19
E855.0	22	58	36	58	E863.2	-	-	-	-	E870.0	159	176	17	176
E855.1	37	46	9	46	E863.3	-	-	-	-	E870.1	2	2	-	2
E855.2	1095	1368	273	1368	E863.4	3	7	4	7	E870.2	10	10	-	10
E855.3	-	-	-	-	E863.5	1	2	1	2	E870.3	1	1	-	1
E855.4	7	9	2	9	E863.6	2	2	-	2	E870.4	24	30	6	30
E855.5	4	4	-	4	E863.7	3	3	-	3	E870.5	41	46	5	46
E855.6	-	-	-	-	E863.8	1	1	-	1	E870.6	24	30	6	30
E855.8	16	19	3	19	E863.9	2	3	1	3	E870.7	4	4	-	4
E855.9	2	2	-	2	E864.0	1	1	-	1	E870.8	58	68	10	68
E856	43	62	19	62	E864.1	3	4	1	4	E870.9	11	12	1	12
E857	9	15	6	15	E864.2	5	7	2	7	E871.0	-	1	1	1
E858.0	9	21	12	21	E864.3	1	1	-	1	E871.1	1	1	-	1
E858.1	60	79	19	79	E864.4	3	2	-	2	E871.2	1	1	-	1
E858.2	34	58	24	58	E865.0	1	1	-	1	E871.3	-	-	-	-
E858.3	213	623	410	623	E865.1	2	3	1	3	E871.4	-	-	-	-
E858.4	5	7	2	7	E865.2	-	-	-	-	E871.5	-	1	1	1
E858.5	74	179	105	179	E865.3	-	-	-	-	E871.6	-	-	-	-
E858.6	18	26	8	26	E865.4	-	-	-	-	E871.7	-	-	-	-
E858.7	7	8	1	8	E865.5	1	1	-	1	E871.8	-	-	-	-
E858.8	1902	2021	120	2021	E865.8	1	1	-	1	E871.9	1	1	-	1
E858.9	1318	1475	159	1475	E865.9	-	-	-	-	E872.0	-	-	-	-
E860.0	12	21	9	21	E866.0	1	4	3	4	E872.1	-	-	-	-
E860.1	146	645	499	645	E866.1	1	1	-	1	E872.2	2	2	-	2
E860.2	18	21	3	21	E866.2	-	-	-	-	E872.3	-	-	-	-
E860.3	17	23	6	23	E866.3	-	3	3	3	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	20	36	16	36	E872.5	-	-	-	-
E860.8	4	4	-	4	E866.5	-	-	-	-	E872.6	1	1	-	1
E860.9	140	520	380	520	E866.6	2	2	-	2	E872.8	-	-	-	-
E861.0	-	1	1	1	E866.7	1	1	-	1	E872.9	-	-	-	-
E861.1	2	2	-	2	E866.8	15	25	10	25	E873.0	2	2	-	2
E861.2	-	-	-	-	E866.9	14	19	5	19	E873.1	-	-	-	-
E861.3	4	4	-	4	E867	14	14	-	14	E873.2	2	9	7	9
E861.4	10	12	2	12	E868.0	53	54	1	54	E873.3	-	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1993

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	6	76	70	76	E900.0	120	195	75	195
E873.5	1	1	-	1	E880.0	2	2	-	2	E900.1	13	15	2	15
E873.6	-	-	-	-	E880.9	1085	1218	133	1218	E900.9	166	293	128	293
E873.8	-	-	-	-	E881.0	246	274	28	274	E901.0	327	390	63	390
E873.9	1	1	-	1	E881.1	55	56	1	56	E901.1	2	3	1	3
E874.0	1	1	-	1	E882	509	550	41	550	E901.8	14	19	5	19
E874.1	1	1	-	1	E883.0	61	68	7	68	E901.9	298	497	199	497
E874.2	1	5	4	5	E883.1	2	3	1	3	E902.0	-	-	-	-
E874.3	-	-	-	-	E883.2	2	2	-	2	E902.1	-	-	-	-
E874.4	-	-	-	-	E883.9	42	46	4	46	E902.2	7	7	-	7
E874.5	-	-	-	-	E884.0	4	5	1	5	E902.8	-	-	-	-
E874.8	2	4	2	4	E884.1	112	114	2	114	E902.9	6	10	4	10
E874.9	1	1	-	1	E884.2	523	752	229	752	E903	-	-	-	-
E875.0	6	149	143	149	E884.9	517	548	31	548	E904.0	12	25	13	25
E875.1	1	1	-	1	E885	520	720	200	720	E904.1	123	186	63	186
E875.2	-	-	-	-	E886.0	8	8	-	8	E904.2	1	1	-	1
E875.8	-	-	-	-	E886.9	1	2	1	2	E904.3	106	167	61	167
E875.9	-	-	-	-	E887	3353	12555	9203	12555	E904.9	1	4	3	4
E876.0	1	2	1	2	E888	6099	8872	2774	8872	E905.0	3	3	-	3
E876.1	2	2	-	2	E890.0	4	4	-	4	E905.1	6	7	1	7
E876.2	1	1	-	1	E890.1	1	1	-	1	E905.2	-	-	-	-
E876.3	1	2	1	2	E890.2	2553	2574	22	2574	E905.3	39	42	3	42
E876.4	-	-	-	-	E890.3	624	636	13	636	E905.4	1	1	-	1
E876.5	1	1	-	1	E890.8	50	55	5	55	E905.5	6	6	-	6
E876.8	50	60	10	60	E890.9	36	51	15	51	E905.6	-	-	-	-
E876.9	3	5	2	5	E891.0	3	3	-	3	E905.7	-	-	-	-
E878.0	65	1194	1129	1194	E891.1	-	-	-	-	E905.8	-	-	-	-
E878.1	256	3269	3013	3270	E891.2	39	39	-	39	E905.9	2	2	-	2
E878.2	173	4956	4783	4956	E891.3	20	21	1	21	E906.0	20	25	5	25
E878.3	114	736	622	736	E891.8	3	3	-	3	E906.1	-	-	-	-
E878.4	108	1683	1575	1683	E891.9	3	5	2	5	E906.2	-	-	-	-
E878.5	197	878	681	878	E892	48	51	3	51	E906.3	4	5	1	5
E878.6	162	3603	3441	3603	E893.0	74	79	5	79	E906.4	2	6	4	6
E878.8	163	1730	1567	1730	E893.1	10	10	-	10	E906.8	87	91	4	91
E878.9	639	5554	4915	5554	E893.2	12	13	1	13	E906.9	6	6	-	6
E879.0	8	78	70	78	E893.8	34	37	3	37	E907	57	59	2	59
E879.1	39	299	260	299	E893.9	27	28	1	28	E908	96	101	5	101
E879.2	8	1471	1463	1471	E894	42	44	2	44	E909	17	17	-	17
E879.3	1	4	3	4	E895	40	44	4	44	E910.0	4	4	-	4
E879.4	2	19	17	19	E896	6	6	-	6	E910.1	53	55	2	55
E879.5	1	2	1	2	E897	15	17	2	17	E910.2	801	811	10	811
E879.6	92	362	270	362	E898.0	19	20	1	20	E910.3	61	61	-	61
E879.7	-	1	1	1	E898.1	61	63	2	63	E910.4	306	351	45	351
E879.8	272	1929	1657	1929	E899	176	266	90	266	E910.8	1974	2022	48	2022

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, 1993

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	608	627	19	627	E923.0	10	11	1	11	E930.8	1	13	12	13
E911	1186	3127	1941	3127	E923.1	2	2	-	2	E930.9	1	72	71	72
E912	1974	15155	13181	15155	E923.2	59	61	2	61	E931.0	1	4	3	4
E913.0	209	218	9	218	E923.8	56	57	1	57	E931.1	-	2	2	2
E913.1	54	54	-	54	E923.9	51	53	2	53	E931.2	-	-	-	-
E913.2	12	12	-	12	E924.0	99	114	15	114	E931.3	-	-	-	-
E913.3	69	70	1	70	E924.1	2	3	1	3	E931.4	1	5	4	5
E913.8	381	393	12	393	E924.8	26	34	8	34	E931.5	-	3	3	3
E913.9	293	339	46	339	E924.9	3	4	1	4	E931.6	-	1	1	1
E914	-	-	-	-	E925.0	82	82	-	82	E931.7	-	7	7	7
E915	22	41	19	41	E925.1	142	142	-	142	E931.8	2	13	11	13
E916	714	734	20	734	E925.2	46	46	-	46	E931.9	-	7	7	7
E917.0	42	45	3	45	E925.8	156	160	4	160	E932.0	2	490	488	490
E917.1	-	-	-	-	E925.9	122	128	6	128	E932.1	1	16	15	16
E917.2	3	3	-	3	E926.0	-	-	-	-	E932.2	1	5	4	5
E917.9	142	154	12	154	E926.1	-	-	-	-	E932.3	3	51	48	51
E918	91	93	2	93	E926.2	-	-	-	-	E932.4	-	3	3	3
E919.0	549	568	19	568	E926.3	-	-	-	-	E932.5	-	2	2	2
E919.1	40	41	1	41	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	133	136	3	136	E926.5	-	-	-	-	E932.7	-	1	1	1
E919.3	6	6	-	6	E926.8	-	-	-	-	E932.8	-	4	4	4
E919.4	10	10	-	10	E926.9	-	3	3	3	E932.9	2	5	3	5
E919.5	-	-	-	-	E927	19	39	20	39	E933.0	-	1	1	1
E919.6	7	7	-	7	E928.0	2	2	-	2	E933.1	7	1823	1816	1823
E919.7	104	104	-	104	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	110	115	5	115	E928.2	-	-	-	-	E933.3	-	-	-	-
E919.9	40	42	2	42	E928.8	19	29	10	29	E933.4	-	4	4	4
E920.0	16	19	3	19	E928.9	2477	4142	1667	4142	E933.5	-	1	1	1
E920.1	13	14	1	14	E929.0	385	493	108	493	E933.8	-	-	-	-
E920.2	3	3	-	3	E929.1	11	14	3	14	E933.9	-	-	-	-
E920.3	8	11	3	11	E929.2	12	20	8	20	E934.0	1	2	1	2
E920.4	5	6	1	6	E929.3	272	858	587	858	E934.1	-	1	1	1
E920.8	37	47	10	47	E929.4	2	13	11	13	E934.2	6	545	539	545
E920.9	26	34	8	34	E929.5	15	19	4	19	E934.3	-	4	4	4
E921.0	13	13	-	13	E929.8	90	148	58	148	E934.4	1	94	93	94
E921.1	7	7	-	7	E929.9	233	649	416	649	E934.5	7	44	37	44
E921.8	27	27	-	27	E930.0	5	63	58	63	E934.6	-	4	4	4
E921.9	2	2	-	2	E930.1	-	7	7	7	E934.7	-	-	-	-
E922.0	260	261	1	261	E930.2	-	-	-	-	E934.8	1	4	3	4
E922.1	141	144	3	144	E930.3	1	2	1	2	E934.9	-	3	3	3
E922.2	70	72	2	72	E930.4	-	-	-	-	E935.0	1	19	18	19
E922.3	2	2	-	2	E930.5	-	5	5	5	E935.1	1	29	28	29
E922.8	2	2	-	2	E930.6	-	3	3	3	E935.2	-	9	9	9
E922.9	1046	1091	45	1091	E930.7	1	101	100	101	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, 1993

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	-	16	16	16	E941.3	-	-	-	-	E946.6	-	-	-	-
E935.5	-	2	2	2	E941.9	-	-	-	-	E946.7	-	-	-	-
E935.8	2	13	11	13	E942.0	1	41	40	41	E946.8	-	1	1	1
E935.9	-	7	7	7	E942.1	3	31	28	31	E946.9	-	1	1	1
E936.0	-	-	-	-	E942.2	1	5	4	5	E947.0	-	-	-	-
E936.1	4	21	17	21	E942.3	-	1	1	1	E947.1	-	-	-	-
E936.2	-	-	-	-	E942.4	1	2	1	2	E947.2	-	1	1	1
E936.3	1	9	8	9	E942.5	-	-	-	-	E947.3	-	-	-	-
E936.4	-	-	-	-	E942.6	3	7	4	7	E947.4	1	2	1	2
E937.0	3	3	-	3	E942.7	-	-	-	-	E947.8	14	118	104	118
E937.1	-	-	-	-	E942.8	-	2	2	2	E947.9	95	398	303	398
E937.2	-	-	-	-	E942.9	-	4	4	4	E948.0	-	-	-	-
E937.3	-	-	-	-	E943.0	-	1	1	1	E948.1	-	-	-	-
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-
E937.5	-	-	-	-	E943.2	-	3	3	3	E948.3	-	-	-	-
E937.6	-	-	-	-	E943.3	-	2	2	2	E948.4	-	-	-	-
E937.8	-	1	1	1	E943.4	-	1	1	1	E948.5	-	-	-	-
E937.9	-	3	3	3	E943.5	-	-	-	-	E948.6	-	-	-	-
E938.0	1	1	-	1	E943.6	-	-	-	-	E948.8	-	-	-	-
E938.1	-	-	-	-	E943.8	-	-	-	-	E948.9	-	-	-	-
E938.2	-	1	1	1	E943.9	-	1	1	1	E949.0	-	-	-	-
E938.3	-	-	-	-	E944.0	-	-	-	-	E949.1	-	-	-	-
E938.4	1	19	18	19	E944.1	-	15	15	15	E949.2	-	-	-	-
E938.5	4	14	10	14	E944.2	-	-	-	-	E949.3	-	-	-	-
E938.6	-	2	2	2	E944.3	-	5	5	5	E949.4	-	-	-	-
E938.7	1	4	3	4	E944.4	-	11	11	11	E949.5	-	-	-	-
E938.9	4	61	57	61	E944.5	-	-	-	-	E949.6	1	3	2	3
E939.0	1	8	7	8	E944.6	1	2	1	2	E949.7	-	-	-	-
E939.1	3	11	8	11	E944.7	2	7	5	7	E949.9	-	-	-	-
E939.2	-	7	7	7	E945.0	-	1	1	1	E950.0	407	437	30	437
E939.3	2	10	8	10	E945.1	-	-	-	-	E950.1	115	124	9	124
E939.4	-	2	2	2	E945.2	-	3	3	3	E950.2	21	21	-	21
E939.5	-	-	-	-	E945.3	-	-	-	-	E950.3	913	952	39	952
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	735	783	48	783
E939.7	-	1	1	1	E945.5	-	-	-	-	E950.5	784	841	57	841
E939.8	-	7	7	7	E945.6	-	-	-	-	E950.6	28	30	3	30
E939.9	-	2	2	2	E945.7	-	1	1	1	E950.7	24	27	3	27
E940.0	-	-	-	-	E945.8	-	2	2	2	E950.8	5	5	-	5
E940.1	-	-	-	-	E946.0	4	72	68	72	E950.9	147	314	167	314
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	18	18	-	18
E940.9	-	-	-	-	E946.2	-	-	-	-	E951.1	6	7	1	7
E941.0	-	1	1	1	E946.3	-	5	5	5	E951.8	1	1	-	1
E941.1	-	2	2	2	E946.4	-	5	5	5	E952.0	1670	1682	12	1682
E941.2	-	3	3	3	E946.5	-	-	-	-	E952.1	373	382	9	382

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, 1993

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	15	17	2	17	E965.5	-	-	-	-	E983.1	8	8	-	8
E952.9	9	9	-	9	E965.6	1	1	-	1	E983.8	5	6	1	6
E953.0	3886	3894	8	3894	E965.7	1	1	-	1	E983.9	25	26	1	26
E953.1	460	476	16	476	E965.8	11	11	-	11	E984	262	267	5	267
E953.8	43	46	3	46	E965.9	5	5	-	5	E985.0	113	114	1	114
E953.9	238	240	2	240	E966	3204	3333	129	3333	E985.1	47	47	-	47
E954	355	367	12	367	E967.0	14	15	1	15	E985.2	17	18	1	18
E955.0	3586	3604	18	3604	E967.1	19	21	2	21	E985.3	-	-	-	-
E955.1	2166	2200	34	2200	E967.9	278	290	12	290	E985.4	386	394	8	394
E955.2	924	926	2	926	E968.0	214	237	23	237	E985.5	2	2	-	2
E955.3	5	6	1	6	E968.1	24	26	2	26	E986	5	8	3	8
E955.4	12259	12340	83	12340	E968.2	279	295	16	295	E987.0	27	29	2	29
E955.5	8	8	-	8	E968.3	13	13	-	13	E987.1	21	24	3	24
E955.9	6	6	-	6	E968.4	28	39	11	39	E987.2	3	3	-	3
E956	537	577	40	577	E968.8	932	1043	111	1043	E987.9	5	6	1	6
E957.0	173	175	2	175	E968.9	1056	1232	176	1232	E988.0	17	18	1	18
E957.1	264	266	2	266	E969	161	187	26	187	E988.1	97	100	3	100
E957.2	23	25	2	25	E970	318	321	3	321	E988.2	5	5	-	5
E957.9	145	147	2	147	E971	1	2	1	2	E988.3	7	9	2	9
E958.0	278	280	2	280	E972	-	-	-	-	E988.4	6	7	1	7
E958.1	187	193	6	193	E973	1	1	-	1	E988.5	14	14	-	14
E958.2	1	1	-	1	E974	-	2	2	2	E988.6	-	-	-	-
E958.3	8	12	4	12	E975	3	7	4	7	E988.7	-	-	-	-
E958.4	16	18	2	18	E976	2	2	-	2	E988.8	95	116	21	116
E958.5	108	110	2	110	E977	1	2	1	2	E988.9	285	317	32	317
E958.6	-	-	-	-	E978	30	32	2	32	E989	26	37	11	37
E958.7	-	-	-	-	E980.0	689	717	28	717	E990.0	-	-	-	-
E958.8	74	89	15	89	E980.1	7	8	1	8	E990.9	-	-	-	-
E958.9	38	115	77	115	E980.2	3	4	1	4	E991.0	-	-	-	-
E959	43	46	3	46	E980.3	168	184	16	184	E991.1	-	-	-	-
E960.0	89	131	42	131	E980.4	618	661	43	661	E991.2	-	-	-	-
E960.1	6	16	10	16	E980.5	257	267	10	267	E991.3	-	-	-	-
E961	-	-	-	-	E980.6	2	2	-	2	E991.9	-	2	2	2
E962.0	34	42	8	42	E980.7	1	2	1	2	E992	-	-	-	-
E962.1	1	1	-	1	E980.8	1	1	-	1	E993	-	-	-	-
E962.2	22	26	4	26	E980.9	50	130	80	130	E994	-	1	1	1
E962.9	2	2	-	2	E981.0	-	1	1	1	E995	-	-	-	-
E963	954	1027	73	1027	E981.1	3	3	-	3	E996	-	-	-	-
E964	52	59	7	59	E981.8	1	2	1	2	E997.0	-	-	-	-
E965.0	1457	1465	8	1465	E982.0	62	62	-	62	E997.1	-	-	-	-
E965.1	1090	1102	12	1102	E982.1	34	34	-	34	E997.2	-	-	-	-
E965.2	166	171	5	171	E982.8	7	7	-	7	E997.8	-	-	-	-
E965.3	1	1	-	1	E982.9	-	-	-	-	E997.9	-	-	-	-
E965.4	15539	15595	56	15595	E983.0	38	38	-	38	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, 1993

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			
	TOTAL MENTION	RECORD AXIS	SECOND- ARY	ENTITY AXIS			TOTAL MENTION	RECORD AXIS	SECOND- ARY	ENTITY AXIS			TOTAL MENTION	RECORD AXIS	SECOND- ARY	ENTITY AXIS
E999	8	31	23	31	N844	...	6	6	6	N896	...	3	3	3		
N800	...	94	94	94	N845	...	6	6	6	N897	...	64	64	64		
N801	...	1025	1025	1025	N846	...	-	-	-	N900	...	323	323	323		
N802	...	370	370	370	N847	...	28	28	28	N901	...	2548	2548	2548		
N803	...	4448	4448	4448	N848	...	11	11	11	N902	...	501	501	501		
N805	...	4043	4043	4043	N850	...	188	188	188	N903	...	76	76	76		
N806	...	2	2	2	N851	...	2941	2941	2941	N904	...	655	655	655		
N807	...	2504	2504	2504	N852	...	5066	5066	5066	N905.0	...	30	30	30		
N808	...	1308	1308	1308	N853	...	2330	2330	2330	N905.1	...	169	169	169		
N809	...	23	23	23	N854	...	26133	26133	26133	N905.2	...	33	33	33		
N810	...	160	160	160	N860	...	1542	1542	1542	N905.3	...	462	462	462		
N811	...	26	26	26	N861	...	4301	4301	4301	N905.4	...	67	67	67		
N812	...	918	918	918	N862	...	8884	8884	8884	N905.5	...	32	32	32		
N813	...	143	143	143	N863	...	961	961	961	N905.6	...	16	16	16		
N814	...	129	129	129	N864	...	1816	1816	1816	N905.7	...	2	2	2		
N815	...	10	10	10	N865	...	1032	1032	1032	N905.8	...	1	1	1		
N816	...	2	2	2	N866	...	370	370	370	N905.9	...	4	4	4		
N817	...	1	1	1	N867	...	207	207	207	N906.0	...	203	203	203		
N818	...	145	145	145	N868	...	3472	3472	3472	N906.1	...	14	14	14		
N819	...	32	32	32	N869	...	3316	3316	3316	N906.2	...	1	1	1		
N820	...	13014	13014	13014	N870	...	10	10	10	N906.3	...	12	12	12		
N821	...	2038	2038	2038	N871	...	59	59	59	N906.4	...	2	2	2		
N822	...	104	104	104	N872	...	32	32	32	N906.5	...	1	1	1		
N823	...	442	442	442	N873	...	22325	22325	22325	N906.6	...	-	-	-		
N824	...	236	236	236	N874	...	2438	2438	2438	N906.7	...	1	1	1		
N825	...	39	39	39	N875	...	10295	10295	10295	N906.8	...	2	2	2		
N826	...	2	2	2	N876	...	1425	1425	1425	N906.9	...	14	14	14		
N827	...	344	344	344	N877	...	94	94	94	N907.0	...	962	962	962		
N828	...	201	201	201	N878	...	15	15	15	N907.1	...	7	7	7		
N829	...	1535	1535	1535	N879	...	14450	14450	14450	N907.2	...	348	348	348		
N830	...	2	2	2	N880	...	251	251	251	N907.3	...	2	2	2		
N831	...	27	27	27	N881	...	258	258	258	N907.4	...	-	-	-		
N832	...	3	3	3	N882	...	92	92	92	N907.5	...	1	1	1		
N833	...	10	10	10	N883	...	16	16	16	N907.9	...	18	18	18		
N834	...	3	3	3	N884	...	542	542	542	N908.0	...	56	56	56		
N835	...	62	62	62	N885	...	-	-	-	N908.1	...	34	34	34		
N836	...	8	8	8	N886	...	14	14	14	N908.2	...	7	7	7		
N837	...	4	4	4	N887	...	41	41	41	N908.3	...	11	11	11		
N838	...	-	-	-	N890	...	234	234	234	N908.4	...	15	15	15		
N839	...	487	487	487	N891	...	295	295	295	N908.5	...	4	4	4		
N840	...	3	3	3	N892	...	19	19	19	N908.6	...	54	54	54		
N841	...	1	1	1	N893	...	-	-	-	N908.9	...	265	265	265		
N842	...	-	-	-	N894	...	29	29	29	N909.0	...	16	16	16		
N843	...	4	4	4	N895	...	-	-	-	N909.1	...	6	6	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, 1993

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	...	14	14	14	N941.3	...	13	13	13	N950	...	3	3	3
N909.3	...	927	927	927	N941.4	...	2	2	2	N951	...	3	3	3
N909.4	...	93	93	93	N942.0	...	228	228	228	N952	...	1831	1831	1831
N909.9	...	12	12	12	N942.1	...	-	-	-	N953	...	11	11	11
N910	...	52	52	52	N942.2	...	12	12	12	N954	...	16	16	16
N911	...	24	24	24	N942.3	...	48	48	48	N955	...	1	1	1
N912	...	5	5	5	N942.4	...	28	28	28	N956	...	-	-	-
N913	...	10	10	10	N943.0	...	30	30	30	N957	...	45	45	45
N914	...	2	2	2	N943.1	...	1	1	1	N958.0	...	48	48	48
N915	...	1	1	1	N943.2	...	3	3	3	N958.1	...	162	162	162
N916	...	25	25	25	N943.3	...	16	16	16	N958.2	...	1	1	1
N917	...	1	1	1	N943.4	...	1	1	1	N958.3	...	31	31	31
N918	...	3	3	3	N944.0	...	9	9	9	N958.4	...	1215	1215	1215
N919	...	118	118	118	N944.1	...	-	-	-	N958.5	...	6	6	6
N920	...	195	195	195	N944.2	...	-	-	-	N958.6	...	3	3	3
N921	...	37	37	37	N944.3	...	4	4	4	N958.7	...	131	131	131
N922	...	144	144	144	N944.4	...	1	1	1	N958.8	...	3263	3263	3263
N923	...	25	25	25	N945.0	...	59	59	59	N959.0	...	2726	2726	2726
N924	...	441	441	441	N945.1	...	-	-	-	N959.1	...	3070	3070	3070
N925	...	68	68	68	N945.2	...	5	5	5	N959.2	...	85	85	85
N926	...	37	37	37	N945.3	...	19	19	19	N959.3	...	71	71	71
N927	...	8	8	8	N945.4	...	2	2	2	N959.4	...	6	6	6
N928	...	19	19	19	N947.0	...	4	4	4	N959.5	...	3	3	3
N929	...	451	451	451	N947.1	...	11	11	11	N959.6	...	140	140	140
N930	...	-	-	-	N947.2	...	1	1	1	N959.7	...	273	273	273
N931	...	-	-	-	N947.3	...	2	2	2	N959.8	...	16747	16747	16747
N932	...	-	-	-	N947.4	...	-	-	-	N959.9	...	7079	7079	7079
N933	...	12932	12932	12932	N947.8	...	-	-	-	N960.0	...	5	5	5
N934	...	500	500	500	N947.9	...	7	7	7	N960.1	...	1	1	1
N935	...	32	32	32	N948.0	...	18	18	18	N960.2	...	-	-	-
N936	...	8	8	8	N948.1	...	45	45	45	N960.3	...	-	-	-
N937	...	4	4	4	N948.2	...	76	76	76	N960.4	...	1	1	1
N938	...	22	22	22	N948.3	...	66	66	66	N960.5	...	2	2	2
N939	...	6	6	6	N948.4	...	63	63	63	N960.6	...	4	4	4
N940.0	...	-	-	-	N948.5	...	75	75	75	N960.7	...	48	48	48
N940.1	...	-	-	-	N948.6	...	69	69	69	N960.8	...	7	7	7
N940.2	...	-	-	-	N948.7	...	52	52	52	N960.9	...	5	5	5
N940.3	...	-	-	-	N948.8	...	58	58	58	N961.0	...	2	2	2
N940.4	...	-	-	-	N948.9	...	476	476	476	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	1913	1913	1913	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	6	6	6	N961.3	...	-	-	-
N941.0	...	40	40	40	N949.2	...	56	56	56	N961.4	...	11	11	11
N941.1	...	-	-	-	N949.3	...	165	165	165	N961.5	...	2	2	2
N941.2	...	5	5	5	N949.4	...	24	24	24	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, 1993

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		
	TOTAL MENTION	RECORD AXIS	SECOND- ARY			TOTAL MENTION	RECORD AXIS	SECOND- ARY			TOTAL MENTION	RECORD AXIS	SECOND- ARY	ENTITY AXIS
N961.7	...	-	-	N967.0	...	308	308	308	N972.7	...	-	-	-
N961.8	...	9	9	N967.1	...	15	15	15	N972.8	...	-	-	-
N961.9	...	2	2	N967.2	...	-	-	-	N972.9	...	6	6	6
N962.0	...	7	7	N967.3	...	1	1	1	N973.0	...	3	3	3
N962.1	...	-	-	N967.4	...	-	-	-	N973.1	...	2	2	2
N962.2	...	-	-	N967.5	...	2	2	2	N973.2	...	-	-	-
N962.3	...	75	75	N967.6	...	2	2	2	N973.3	...	1	1	1
N962.4	...	-	-	N967.8	...	16	16	16	N973.4	...	1	1	1
N962.5	...	-	-	N967.9	...	23	23	23	N973.5	...	2	2	2
N962.6	...	-	-	N968.0	...	73	73	73	N973.6	...	-	-	-
N962.7	...	-	-	N968.1	...	1	1	1	N973.8	...	-	-	-
N962.8	...	-	-	N968.2	...	34	34	34	N973.9	...	-	-	-
N962.9	...	-	-	N968.3	...	45	45	45	N974.0	...	-	-	-
N963.0	...	220	220	N968.4	...	1	1	1	N974.1	...	187	187	187
N963.1	...	64	64	N968.5	...	3336	3336	3336	N974.2	...	-	-	-
N963.2	...	-	-	N968.6	...	-	-	-	N974.3	...	2	2	2
N963.3	...	3	3	N968.7	...	4	4	4	N974.4	...	3	3	3
N963.4	...	-	-	N968.9	...	72	72	72	N974.5	...	3	3	3
N963.5	...	-	-	N969.0	...	1688	1688	1688	N974.6	...	18	18	18
N963.8	...	-	-	N969.1	...	133	133	133	N974.7	...	7	7	7
N963.9	...	-	-	N969.2	...	15	15	15	N975.0	...	-	-	-
N964.0	...	13	13	N969.3	...	6	6	6	N975.1	...	3	3	3
N964.1	...	-	-	N969.4	...	732	732	732	N975.2	...	10	10	10
N964.2	...	61	61	N969.5	...	126	126	126	N975.3	...	1	1	1
N964.3	...	1	1	N969.6	...	57	57	57	N975.4	...	15	15	15
N964.4	...	-	-	N969.7	...	417	417	417	N975.5	...	3	3	3
N964.5	...	6	6	N969.8	...	6	6	6	N975.6	...	27	27	27
N964.6	...	1	1	N969.9	...	9	9	9	N975.7	...	10	10	10
N964.7	...	-	-	N970.0	...	-	-	-	N975.8	...	11	11	11
N964.8	...	-	-	N970.1	...	-	-	-	N976.0	...	11	11	11
N964.9	...	-	-	N970.8	...	-	-	-	N976.1	...	1	1	1
N965.0	...	4384	4384	N970.9	...	-	-	-	N976.2	...	-	-	-
N965.1	...	235	235	N971.0	...	-	-	-	N976.3	...	-	-	-
N965.4	...	379	379	N971.1	...	30	30	30	N976.4	...	10	10	10
N965.5	...	2	2	N971.2	...	13	13	13	N976.5	...	1	1	1
N965.6	...	17	17	N971.3	...	2	2	2	N976.6	...	-	-	-
N965.7	...	499	499	N971.9	...	-	-	-	N976.7	...	-	-	-
N965.8	...	655	655	N972.0	...	167	167	167	N976.8	...	2	2	2
N965.9	...	3	3	N972.1	...	582	582	582	N976.9	...	-	-	-
N966.0	...	-	-	N972.2	...	1	1	1	N977.0	...	19	19	19
N966.1	...	66	66	N972.3	...	-	-	-	N977.1	...	4	4	4
N966.2	...	-	-	N972.4	...	10	10	10	N977.2	...	2	2	2
N966.3	...	67	67	N972.5	...	3	3	3	N977.3	...	-	-	-
N966.4	...	4	4	N972.6	...	16	16	16	N977.4	...	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, 1993

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY
		TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS
	MENTION	ARY			MENTION	ARY			MENTION	ARY				
N977.8	...	193	193	193	N985.3	...	-	-	-	N992.2	...	-	-	-
N977.9	...	5814	5814	5814	N985.4	...	3	3	3	N992.3	...	1	1	1
N978.0	...	-	-	-	N985.5	...	4	4	4	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	47	47	47
N978.2	...	-	-	-	N985.8	...	57	57	57	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	1	1	1	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	4030	4030	4030	N992.8	...	2	2	2
N978.5	...	-	-	-	N987.0	...	46	46	46	N992.9	...	135	135	135
N978.6	...	-	-	-	N987.1	...	33	33	33	N993.0	...	-	-	-
N978.8	...	-	-	-	N987.2	...	5	5	5	N993.1	...	1	1	1
N978.9	...	-	-	-	N987.3	...	4	4	4	N993.2	...	12	12	12
N979.0	...	-	-	-	N987.4	...	24	24	24	N993.3	...	3	3	3
N979.1	...	-	-	-	N987.5	...	1	1	1	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	5	5	5	N993.8	...	1	1	1
N979.3	...	-	-	-	N987.7	...	-	-	-	N993.9	...	1	1	1
N979.4	...	-	-	-	N987.8	...	2838	2838	2838	N994.0	...	18	18	18
N979.5	...	-	-	-	N987.9	...	350	350	350	N994.1	...	5952	5952	5952
N979.6	...	-	-	-	N988.0	...	2	2	2	N994.2	...	201	201	201
N979.7	...	-	-	-	N988.1	...	1	1	1	N994.3	...	6	6	6
N979.9	...	19	19	19	N988.2	...	-	-	-	N994.4	...	-	-	-
N980.0	...	851	851	851	N988.8	...	-	-	-	N994.5	...	31	31	31
N980.1	...	40	40	40	N988.9	...	2	2	2	N994.6	...	1	1	1
N980.2	...	55	55	55	N989.0	...	60	60	60	N994.7	...	7890	7890	7890
N980.3	...	-	-	-	N989.1	...	6	6	6	N994.8	...	611	611	611
N980.8	...	-	-	-	N989.2	...	3	3	3	N994.9	...	312	312	312
N980.9	...	746	746	746	N989.3	...	17	17	17	N995.0	...	157	157	157
N981	...	7	7	7	N989.4	...	39	39	39	N995.1	...	33	33	33
N982.0	...	22	22	22	N989.5	...	49	49	49	N995.2	...	288	288	288
N982.1	...	-	-	-	N989.6	...	5	5	5	N995.3	...	51	51	51
N982.2	...	-	-	-	N989.7	...	-	-	-	N995.4	...	4	4	4
N982.3	...	10	10	10	N989.8	...	61	61	61	N995.5	...	201	201	201
N982.4	...	-	-	-	N989.9	...	68	68	68	N995.8	...	17	17	17
N982.8	...	70	70	70	N990	...	34	34	34	N996.0	...	375	375	375
N983.0	...	8	8	8	N991.0	...	-	-	-	N996.1	...	59	59	59
N983.1	...	11	11	11	N991.1	...	2	2	2	N996.2	...	20	20	20
N983.2	...	22	22	22	N991.2	...	3	3	3	N996.3	...	12	12	12
N983.9	...	25	25	25	N991.3	...	15	15	15	N996.4	...	23	23	23
N984.0	...	-	-	-	N991.4	...	1	1	1	N996.5	...	197	197	197
N984.1	...	-	-	-	N991.5	...	-	-	-	N996.6	...	1565	1565	1565
N984.8	...	-	-	-	N991.6	...	1087	1087	1087	N996.7	...	5851	5851	5851
N984.9	...	5	5	5	N991.8	...	2	2	2	N996.8	...	847	847	847
N985.0	...	4	4	4	N991.9	...	283	283	283	N996.9	...	-	-	-
N985.1	...	11	11	11	N992.0	...	307	307	307	N997.0	...	681	681	681
N985.2	...	-	-	-	N992.1	...	2	2	2	N997.1	...	3252	3252	3252

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, 1993

(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	22	1	2	2	2	1	1	2	3	4	3	1	-
007-009	1,175	180	18	4	6	25	41	32	62	171	328	308	-
010-018	4,024	4	10	6	23	278	488	470	527	795	954	466	3
010-012	3,189	1	2	-	9	224	388	376	412	650	734	390	3
013-018	848	3	8	6	14	58	103	96	116	147	220	77	-
033	10	10	-	-	-	-	-	-	-	-	-	-	-
034-035	20	-	-	-	2	1	1	-	1	3	4	8	-
036	285	51	30	30	57	15	25	17	18	15	18	9	-
038	103,946	687	313	300	598	1,826	3,895	5,718	10,368	22,357	31,336	26,529	19
045	-	-	-	-	-	-	-	-	-	-	-	-	-
055	2	-	-	-	1	-	-	-	-	1	-	-	-
070	4,173	3	2	11	50	290	803	684	717	865	620	127	1
090-097	337	21	1	-	2	30	40	16	30	60	82	54	1
REM. 001-1391/	54,746	486	416	376	924	12,889	18,672	8,560	3,855	3,649	3,042	1,862	15
140-208	596,385	102	560	1,159	1,839	5,603	17,889	44,249	96,281	179,260	170,123	79,289	31
140-149	9,973	2	-	4	20	66	362	1,187	2,198	3,016	2,165	953	-

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, 1993

(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.	140,123	7	25	28	122	667	3,097	8,779	20,834	40,803	42,880	22,867	14
160-165.	167,698	2	1	9	43	331	2,804	12,768	35,238	62,011	43,557	10,927	7
174-175.	53,418	-	-	-	16	560	3,248	6,451	8,723	13,117	12,987	8,315	1
179-187.	77,127	-	1	8	112	566	1,608	3,199	7,385	20,142	28,079	16,023	4
188-189.	26,958	5	19	31	19	104	459	1,569	3,505	7,709	8,774	4,764	-
170-173, 190-199.	180,741	54	344	569	818	2,365	6,786	15,553	31,295	54,529	48,004	20,411	13
204-208.	24,152	35	167	455	515	670	1,016	1,448	2,805	5,978	7,054	4,008	1
200-203.	38,847	1	22	93	281	984	1,713	2,734	5,346	11,080	11,764	4,828	1
210-239.	13,765	103	84	92	145	306	503	734	1,280	2,931	4,389	3,196	2
250.	178,728	6	21	36	191	1,131	3,574	9,010	23,063	50,825	58,726	32,123	22
260-269.	31,111	53	31	30	60	384	767	1,128	2,232	5,399	9,661	11,362	4
280-285.	43,854	86	96	143	287	986	1,563	1,670	2,963	7,431	13,258	15,363	8
320-322.	2,324	205	79	49	65	205	296	285	287	398	340	115	-
390-448.	1,359,660	3,012	1,342	1,514	3,422	11,401	30,125	59,525	128,050	290,929	432,321	397,877	142
390-398, 402, 404-429.	1,162,755	2,569	1,202	1,290	2,961	10,061	26,448	52,579	113,267	252,567	365,968	333,718	125
390-398.	10,289	15	8	12	42	155	346	597	1,209	2,764	3,314	1,827	-

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, 1993

(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.	40,904	2	1	1	28	273	1,238	2,818	4,944	8,908	12,039	10,647	5
404.	3,441	1	-	-	12	36	65	128	285	722	1,221	971	-
410-414.	609,925	86	25	30	209	1,498	8,201	24,035	58,513	137,883	201,221	178,170	54
410.	260,970	50	11	22	118	778	4,435	13,481	31,208	65,290	85,399	60,159	19
411.	6,529	4	2	-	12	67	256	486	833	1,443	1,808	1,613	5
413.	5,428	-	-	1	2	4	53	135	403	1,133	1,830	1,867	-
412, 414.	451,864	35	12	11	102	904	5,208	15,326	38,920	98,406	150,367	142,536	37
424.	33,127	45	18	21	64	238	542	797	1,991	5,853	11,738	11,817	3
415-423, 425-429.	849,381	2,484	1,185	1,262	2,790	8,815	20,433	37,007	79,412	178,746	265,172	251,984	91
401, 403.	136,918	35	8	14	55	426	2,139	6,128	14,334	32,905	45,907	34,950	17
430-438.	266,784	471	155	245	451	1,343	3,892	7,772	17,251	48,037	93,554	93,593	20
431-432.	30,349	161	53	131	198	569	1,662	2,804	4,033	7,220	8,940	4,574	4
434.0, 434.9.	25,228	92	42	31	66	145	355	730	1,598	4,431	8,686	9,050	2
434.1.	2,114	2	1	1	8	20	49	68	173	403	794	595	-
430, 433, 435-438.	215,966	226	71	89	210	705	2,056	4,555	12,001	37,152	77,280	81,607	14
440.	82,183	5	-	3	9	79	396	1,490	4,670	13,968	27,240	34,319	4

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, 1993

(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.....	50,642	37	14	37	100	288	701	1,427	4,323	13,213	17,982	12,515	5
466.....	2,261	113	29	13	17	21	38	75	186	400	693	675	1
480-487.....	208,377	1,024	484	431	793	2,396	4,578	6,244	13,474	35,212	67,537	76,183	21
480-486.....	206,933	1,010	464	417	780	2,380	4,548	6,202	13,390	35,015	67,166	75,540	21
487.....	1,444	14	20	14	13	16	30	42	84	197	371	643	-
490-496.....	227,661	84	95	194	293	512	1,485	5,751	24,130	69,248	85,616	40,232	21
490-491.....	8,482	61	32	29	37	59	118	289	835	2,024	2,804	2,193	1
492.....	34,414	5	1	3	6	33	201	963	4,266	11,556	12,777	4,599	4
493.....	11,441	9	48	147	223	334	653	924	1,553	2,710	2,986	1,852	2
494-496.....	174,390	9	17	20	33	92	524	3,635	17,631	53,283	67,383	31,748	15
531-533.....	16,375	20	7	12	24	86	331	664	1,481	3,568	5,516	4,664	2
540-543.....	775	7	10	11	17	19	36	57	96	195	197	130	-
550-553, 560.....	18,796	177	49	35	49	140	340	710	1,472	3,583	6,114	6,124	3
571.....	39,474	52	20	18	100	1,132	5,395	6,719	8,444	10,085	6,145	1,349	15
574-575.....	6,886	17	3	2	16	44	127	210	507	1,376	2,322	2,262	-
580-589.....	124,160	918	125	167	378	1,687	3,791	5,612	11,904	28,626	40,180	30,764	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, 1993

(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.....	1,185	14	8	8	10	22	56	59	108	293	369	238	-
582-583, 587...	5,364	10	4	7	39	108	215	193	352	1,050	1,817	1,569	-
584-586, 588-589.....	118,977	900	117	154	343	1,605	3,612	5,425	11,536	27,570	38,430	29,277	8
590.....	2,257	10	4	2	15	31	74	115	178	357	693	778	-
600.....	2,081	-	-	-	-	1	1	9	73	367	841	789	-
630-676.....	340	...	...	1	94	155	88	2	...	...	...	...	-
630-638.....	51	...	...	-	18	24	9	-	...	...	...	...	-
640-676.....	295	...	...	1	79	133	80	2	...	...	...	...	-
740-759.....	17,097	8,075	1,018	618	623	730	790	833	998	1,241	1,381	789	1
760-779.....	20,127	19,792	208	60	16	14	11	2	5	6	8	1	4
767-769.....	4,127	4,052	39	15	5	4	4	1	2	2	3	-	-
760-766, 770-779.....	19,592	19,312	184	48	12	11	7	1	3	4	5	1	4
780-799.....	397,899	8,470	1,652	1,674	3,162	8,565	15,719	20,792	40,033	87,369	114,991	95,349	123
RESIDUAL.....	633,876	3,843	2,071	2,227	4,715	12,507	26,036	34,476	58,773	122,548	187,736	178,871	73
E800-E949.....	151,465	1,422	2,933	3,823	14,588	15,242	15,589	11,266	12,238	21,002	28,651	24,590	121

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, 1993

(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.....	42,732	205	895	1,971	10,537	8,270	6,139	3,900	3,018	3,288	3,383	1,091	35
E800-E807, E826-E949.....	109,090	1,217	2,047	1,869	4,129	7,042	9,495	7,404	9,245	17,750	25,296	23,510	86
E950-E959.....	31,355	...	...	322	4,872	6,342	6,212	4,187	3,085	3,084	2,430	803	18
E960-E978.....	26,215	367	470	662	8,445	7,298	4,574	2,080	1,001	704	399	147	68
E980-E999.....	3,620	66	41	61	428	910	1,060	456	220	167	123	61	27
N800-N999.....	198,545	1,761	3,342	4,751	27,834	29,152	26,629	17,085	15,063	22,052	27,913	22,742	221
N800-N848.....	30,349	109	245	500	2,379	2,130	1,742	1,242	1,370	2,907	7,052	10,656	17
N850-N854.....	32,871	391	813	1,357	6,805	5,624	4,378	2,882	2,303	2,735	3,374	2,178	31
N860-N869.....	19,565	100	285	510	4,417	3,859	3,120	1,941	1,524	1,589	1,572	638	10
N870-N897.....	43,136	22	135	917	11,757	10,422	7,247	4,250	2,862	2,763	2,059	651	51
N900-N904.....	3,954	3	16	69	938	868	644	390	254	306	308	157	1
N905-N909.....	3,516	8	26	62	165	281	355	282	307	550	745	733	2
N910-N929.....	1,468	20	41	39	191	191	168	142	141	164	190	180	1
N930-N939.....	13,442	174	187	162	261	377	602	732	1,061	2,240	3,867	3,776	3
N940-N949.....	3,248	57	267	130	313	446	415	318	288	385	360	256	13
N950-N957.....	1,901	12	32	58	356	331	243	161	132	219	227	130	-

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, 1993

(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	
N958-N959	31,681	163	494	1,025	6,049	5,488	4,623	2,958	2,370	2,658	3,384	2,433	36
N960-N995.....	38,150	726	1,465	1,200	4,140	7,783	9,251	4,526	2,653	2,585	2,348	1,373	100
N996-N999.....	24,021	357	205	195	271	503	958	1,639	3,128	6,747	6,865	3,152	1
*042-*044 <u>2</u> /.....	41,171	98	221	177	665	12,233	17,600	7,292	2,109	654	95	16	11

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, 1993

(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.....	2,268,553	33,466	7,066	8,658	35,483	59,645	96,038	131,815	241,581	487,819	638,038	528,437	507
004, 006.....	11	1	1	-	2	-	1	-	-	4	2	-	-
007-009.....	631	133	11	3	3	6	14	17	32	91	165	156	-
010-018.....	1,631	2	5	2	13	83	159	192	209	350	418	197	1
010-012.....	1,276	-	-	-	3	51	118	154	162	293	322	172	1
013-018.....	355	2	5	2	10	32	41	38	47	57	96	25	-
033.....	7	7	-	-	-	-	-	-	-	-	-	-	-
034-035.....	13	-	-	-	2	-	1	-	2	1	1	6	-
036.....	260	46	29	27	56	14	23	15	16	13	14	7	-
038.....	20,634	233	96	60	64	274	609	841	1,609	3,997	6,489	6,360	2
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-	-
070.....	2,489	3	1	6	34	146	420	400	432	554	414	79	-
090-097.....	80	12	1	-	1	10	7	3	7	13	19	7	-
REM. 001-139 <u>1</u> /...	44,387	333	327	266	778	11,892	16,801	7,247	2,721	1,894	1,351	766	11
140-208.....	529,904	88	522	1,089	1,738	5,079	16,755	42,372	90,685	163,309	146,537	61,703	27

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	8,241	2	-	3	20	58	338	1,087	1,888	2,438	1,698	709	-
150-159.....	124,466	5	22	26	119	638	2,977	8,424	19,578	37,174	37,150	18,340	13
160-165.....	154,183	2	1	8	43	310	2,701	12,285	33,236	57,057	38,947	9,586	7
174-175.....	43,910	-	-	-	14	547	3,138	6,189	8,007	11,095	9,790	5,129	1
179-187.....	60,393	-	-	7	105	547	1,520	3,009	6,665	16,681	21,065	10,792	2
188-189.....	21,769	5	16	28	18	96	434	1,474	3,138	6,418	6,751	3,391	-
170-173, 190- 199.....	65,315	42	309	525	697	1,465	3,365	6,278	11,137	18,155	16,096	7,244	2
204-208.....	19,530	31	154	412	470	616	912	1,300	2,421	5,006	5,430	2,777	1
200-203.....	32,097	1	20	80	252	802	1,370	2,326	4,615	9,285	9,610	3,735	1
210-239.....	7,441	61	77	72	96	219	341	477	771	1,580	2,211	1,534	2
250.....	53,894	1	14	24	118	602	1,697	3,449	7,478	14,984	16,322	9,196	9
260-269.....	3,451	23	6	-	4	19	40	57	100	371	1,012	1,818	1
280-285.....	4,315	44	44	53	118	186	212	165	236	564	1,196	1,496	1
320-322.....	788	107	39	31	29	57	71	74	75	129	126	50	-
390-448.....	948,088	893	350	409	1,272	4,612	16,416	39,276	85,761	194,900	303,100	301,002	97

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, 1993

(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.....	743,460	663	296	303	981	3,539	13,121	32,679	72,043	158,103	234,020	227,632	80
390-398.....	5,743	4	5	7	27	104	222	370	692	1,504	1,803	1,005	-
402.....	23,037	2	1	1	16	170	751	1,684	2,752	4,744	6,545	6,369	2
404.....	2,464	-	-	-	8	23	48	85	192	467	850	791	-
410-414.....	490,063	29	12	11	121	1,121	6,780	20,197	47,234	107,744	159,120	147,652	42
410.....	227,456	12	5	6	63	585	3,788	11,689	26,647	55,756	74,500	54,391	14
411.....	2,968	-	-	-	3	26	120	259	428	675	788	664	5
413.....	984	-	-	-	1	3	17	30	70	175	306	382	-
412, 414...	258,655	17	7	5	54	507	2,855	8,219	20,089	51,138	83,526	92,215	23
424.....	15,200	14	5	7	33	129	275	385	865	2,353	5,336	5,797	1
415-423, 425-429.....	206,953	614	273	277	776	1,992	5,045	9,958	20,308	41,291	60,366	66,018	35
401, 403.....	11,243	4	2	1	16	66	246	486	1,047	2,266	3,570	3,537	2
430-438.....	150,108	214	49	79	208	797	2,519	5,057	9,625	25,311	51,365	54,875	9
431-432.....	21,449	58	11	36	64	266	995	1,880	2,759	5,140	6,689	3,548	3
434.0, 434.9.	15,236	25	9	5	20	40	128	341	807	2,505	5,247	6,108	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, 1993

(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	643	1	-	-	2	5	12	13	47	121	239	203	-
430, 433, 435-438	112,780	130	29	38	122	486	1,384	2,823	6,012	17,545	39,190	45,016	5
440	17,272	-	-	2	2	13	46	171	575	2,004	5,057	9,399	3
441-448	26,005	12	3	24	65	197	484	883	2,471	7,216	9,088	5,559	3
466	662	75	14	6	6	10	11	28	42	95	166	208	1
480-487	82,820	530	182	135	251	724	1,551	1,879	3,704	10,823	25,859	37,171	11
480-486	81,776	520	168	122	243	716	1,532	1,857	3,658	10,709	25,601	36,639	11
487	1,044	10	14	13	8	8	19	22	46	114	258	532	-
490-496	101,077	53	51	138	206	296	733	2,494	10,671	31,268	38,300	16,857	10
490-491	3,777	41	12	15	9	17	46	109	355	976	1,278	918	1
492	17,586	1	1	3	4	9	59	444	2,266	6,167	6,575	2,056	1
493	5,167	6	32	118	186	240	405	508	738	1,196	1,114	623	1
494-496	74,547	5	6	2	7	30	223	1,433	7,312	22,929	29,333	13,260	7
531-533	5,945	5	5	3	13	34	151	304	515	1,185	1,966	1,762	2
540-543	367	6	8	10	11	12	26	30	45	86	80	53	-
550-553, 560	5,919	69	26	23	17	43	78	143	302	893	1,963	2,362	-

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, 1993

(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	25,209	19	11	8	39	721	3,756	4,703	5,613	6,094	3,491	741	13
574-575	2,752	5	1	-	5	17	45	75	191	534	949	930	-
580-589	23,317	183	21	28	48	220	458	760	1,854	4,780	7,807	7,156	2
580-581	292	7	4	5	3	3	10	13	26	50	93	78	-
582-583, 587...	1,588	3	2	2	11	28	50	67	119	335	507	464	-
584-586, 588-589	21,437	173	15	21	34	189	398	680	1,709	4,395	7,207	6,614	2
590	1,023	1	1	-	7	9	29	47	69	133	345	382	-
600	410	-	-	-	-	1	-	2	13	49	158	187	-
630-676	302	...	...	1	83	136	82	-	...	...	...	...	-
630-638	47	...	...	-	19	22	6	-	...	...	...	...	-
640-676	255	...	...	1	64	114	76	-	...	...	...	...	-
740-759	12,444	7,129	804	485	472	476	469	458	482	588	684	396	1
760-779	15,097	14,946	100	20	6	8	5	1	-	3	4	-	4
767-769	2,618	2,580	21	7	1	2	3	1	-	2	1	-	-
760-766, 770-779	12,479	12,366	79	13	5	6	2	-	-	1	3	-	4

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, 1993

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
780-799.....	26,540	5,659	297	194	616	1,490	2,170	1,759	1,916	2,975	4,040	5,354	70
RESIDUAL.....	195,584	1,496	929	1,063	1,716	3,758	7,928	9,867	15,385	33,559	59,322	60,539	22
E800-E949.....	90,523	898	2,590	3,466	13,966	14,022	13,255	8,029	6,405	8,125	10,665	8,994	108
E810-E825.....	41,893	190	891	1,963	10,500	8,212	6,071	3,803	2,908	3,116	3,190	1,015	34
E800-E807, E826-E949.....	48,630	708	1,699	1,503	3,466	5,810	7,184	4,226	3,497	5,009	7,475	7,979	74
E950-E959.....	31,102	...	...	321	4,849	6,307	6,170	4,168	3,061	3,040	2,390	778	18
E960-E978.....	26,009	344	464	656	8,424	7,278	4,537	2,052	977	691	379	139	68
E980-E999.....	3,427	61	39	59	420	884	1,017	431	202	144	93	51	26
*042-*044 <u>2</u> /.....	37,267	87	204	155	609	11,299	15,929	6,487	1,843	545	82	17	10

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
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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...	22	1	2	2	2	1	1	2	3	4	3	1	-
007-009.....	1,578	181	20	8	16	182	195	89	79	172	328	308	-
010-018.....	4,438	4	10	6	27	401	670	538	554	803	956	466	3
010-012.....	3,575	1	2	-	12	322	534	441	446	669	752	393	3
013-018.....	888	3	8	6	15	85	144	100	108	139	206	74	-
033.....	10	10	-	-	-	-	-	-	-	-	-	-	-
034-035.....	20	-	-	-	2	1	1	-	1	3	4	8	-
036.....	285	51	30	30	57	15	25	17	18	15	18	9	-
038.....	106,130	697	325	310	635	2,346	4,745	6,061	10,514	22,462	31,426	26,588	21
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	-	-	1	-	-	-	-	1	-	-	-
070.....	4,174	3	2	11	50	290	803	685	717	865	620	127	1
090-097.....	337	21	1	-	2	30	40	16	30	60	82	54	1
REM. 001-139 <u>1</u> /..	55,333	493	417	376	928	12,895	18,704	8,588	3,912	3,777	3,204	2,024	15
140-208.....	599,465	102	562	1,159	1,863	6,630	19,280	44,732	96,412	179,277	170,125	79,291	32
140-149.....	9,973	2	-	4	20	66	362	1,187	2,198	3,016	2,165	953	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	140,124	7	25	28	122	667	3,097	8,780	20,834	40,803	42,880	22,867	14
160-165.....	167,698	2	1	9	43	331	2,804	12,768	35,238	62,011	43,557	10,927	7
174-175.....	53,418	-	-	-	16	560	3,248	6,451	8,723	13,117	12,987	8,315	1
179-187.....	77,132	-	1	8	112	566	1,608	3,199	7,386	20,142	28,082	16,024	4
188-189.....	26,959	5	19	31	19	104	459	1,569	3,505	7,709	8,774	4,765	-
170-173, 190-199.....	183,479	54	344	569	832	3,088	7,755	15,924	31,482	54,736	48,181	20,500	14
204-208.....	24,152	35	167	455	515	670	1,016	1,448	2,805	5,978	7,054	4,008	1
200-203.....	39,947	1	24	93	294	1,330	2,212	2,911	5,399	11,090	11,764	4,828	1
210-239.....	14,179	104	86	100	149	311	527	770	1,367	3,048	4,471	3,244	2
250.....	178,728	6	21	36	191	1,131	3,574	9,010	23,063	50,825	58,726	32,123	22
260-269.....	31,889	53	33	30	61	402	822	1,197	2,341	5,562	9,844	11,540	4
280-285.....	43,918	103	97	143	289	996	1,573	1,676	2,967	7,438	13,262	15,366	8
320-322.....	2,340	206	79	52	65	209	296	286	289	399	344	115	-
390-448.....	1,361,651	3,035	1,351	1,520	3,428	11,426	30,196	59,616	128,267	291,378	432,877	398,415	142
390-398, 402, 404-429.....	1,163,080	2,592	1,211	1,296	2,970	10,081	26,486	52,604	113,296	252,605	366,002	333,812	125

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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	10,291	15	8	12	42	155	346	597	1,209	2,764	3,315	1,828	-
402	35,149	2	1	1	32	276	1,202	2,620	4,442	7,878	10,423	8,267	5
404	290	-	-	-	1	-	1	6	26	49	83	124	-
410-414	609,925	86	25	30	209	1,498	8,201	24,035	58,513	137,883	201,221	178,170	54
410	260,970	50	11	22	118	778	4,435	13,481	31,208	65,290	85,399	60,159	19
411	6,529	4	2	-	12	67	256	486	833	1,443	1,808	1,613	5
413	5,428	-	-	1	2	4	53	135	403	1,133	1,830	1,867	-
412, 414	451,864	35	12	11	102	904	5,208	15,326	38,920	98,406	150,367	142,536	37
424	33,198	45	18	21	64	247	547	801	2,000	5,867	11,764	11,821	3
415-423, 425-429	856,376	2,511	1,195	1,268	2,802	8,854	20,555	37,283	79,989	180,110	267,263	254,455	91
401, 403	149,109	36	8	14	64	466	2,296	6,599	15,397	35,300	49,833	39,079	17
430-438	266,838	471	155	245	451	1,342	3,891	7,770	17,248	48,038	93,561	93,646	20
431-432	31,068	161	54	137	207	604	1,749	2,926	4,174	7,382	9,060	4,610	4
434.0, 434.9	25,398	92	42	31	67	150	360	734	1,615	4,461	8,747	9,097	2
434.1	2,114	2	1	1	8	20	49	68	173	403	794	595	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	221,707	227	73	92	212	714	2,123	4,728	12,416	38,304	79,439	83,365	14
440.....	89,545	5	-	3	11	81	413	1,553	4,982	15,216	29,756	37,521	4
441-448.....	58,635	37	15	38	103	333	837	1,798	5,406	15,720	20,573	13,769	6
466.....	2,497	119	31	18	17	22	41	83	214	456	766	729	1
480-487.....	213,854	1,050	509	455	867	3,408	6,015	6,890	13,813	35,756	68,286	76,784	21
480-486.....	212,883	1,043	495	444	856	3,397	5,997	6,857	13,753	35,617	68,033	76,370	21
487.....	1,444	14	20	14	13	16	30	42	84	197	371	643	-
490-496.....	227,748	88	98	194	293	513	1,486	5,753	24,141	69,266	85,642	40,253	21
490-491.....	8,523	66	36	29	37	59	118	290	839	2,030	2,811	2,207	1
492.....	35,795	5	1	3	6	34	206	1,001	4,447	12,056	13,277	4,754	5
493.....	11,604	9	48	147	224	336	657	934	1,572	2,765	3,035	1,875	2
494-496.....	182,717	9	17	21	34	99	576	3,863	18,671	55,895	70,386	33,131	15
531-533.....	16,381	20	7	13	24	86	331	665	1,482	3,569	5,516	4,666	2
540-543.....	776	7	10	11	17	19	37	57	96	195	197	130	-
550-553, 560.....	18,796	177	49	35	49	140	340	710	1,472	3,583	6,114	6,124	3
571.....	39,386	52	20	18	100	1,125	5,373	6,695	8,428	10,072	6,140	1,348	15

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	6,890	17	3	2	16	44	127	210	507	1,376	2,323	2,265	-
580-589.....	141,254	923	126	170	403	1,816	4,167	6,307	13,568	32,771	46,084	34,907	12
580-581.....	1,356	13	8	8	13	25	64	89	153	345	399	239	-
582-583, 587...	6,808	11	4	7	42	126	249	257	554	1,483	2,295	1,780	-
584-586, 588-589.....	135,036	907	118	157	367	1,725	3,964	6,049	13,040	31,365	44,023	33,309	12
590.....	2,383	10	4	2	15	31	78	128	189	380	741	805	-
600.....	2,081	-	-	-	-	1	1	9	73	367	841	789	-
630-676.....	340	...	...	1	94	155	88	2	...	...	...	...	-
630-638.....	51	...	...	-	18	24	9	-	...	...	...	...	-
640-676.....	295	...	...	1	79	133	80	2	...	...	...	...	-
740-759.....	17,223	8,078	1,020	618	625	735	796	838	1,013	1,271	1,422	806	1
760-779.....	20,164	19,799	217	70	23	17	12	2	5	6	8	1	4
767-769.....	4,156	4,065	45	22	7	5	4	1	2	2	3	-	-
760-766, 770-779.....	19,611	19,314	187	52	18	14	8	1	3	4	5	1	4
780-799.....	403,004	8,472	1,655	1,678	3,175	8,639	15,890	20,975	40,436	88,333	116,475	97,152	124

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	667,806	3,950	2,111	2,259	4,853	13,416	28,188	36,650	62,212	129,001	196,971	188,114	81
E800-E949.....	151,466	1,422	2,933	3,823	14,588	15,242	15,589	11,266	12,238	21,002	28,651	24,591	121
E810-E825.....	42,732	205	895	1,971	10,537	8,270	6,139	3,900	3,018	3,288	3,383	1,091	35
E800-E807, E826-E949...	109,091	1,217	2,047	1,869	4,129	7,042	9,495	7,404	9,245	17,750	25,296	23,511	86
E950-E959.....	31,355	...	...	322	4,872	6,342	6,212	4,187	3,085	3,084	2,430	803	18
E960-E978.....	26,215	367	470	662	8,445	7,298	4,574	2,080	1,001	704	399	147	68
E980-E999.....	3,620	66	41	61	428	910	1,060	456	220	167	123	61	27
N800-N999.....	198,545	1,761	3,342	4,751	27,834	29,152	26,629	17,085	15,063	22,052	27,913	22,742	221
N800-N848.....	30,349	109	245	500	2,379	2,130	1,742	1,242	1,370	2,907	7,052	10,656	17
N850-N854.....	32,871	391	813	1,357	6,805	5,624	4,378	2,882	2,303	2,735	3,374	2,178	31
N860-N869.....	19,565	100	285	510	4,417	3,859	3,120	1,941	1,524	1,589	1,572	638	10
N870-N897.....	43,136	22	135	917	11,757	10,422	7,247	4,250	2,862	2,763	2,059	651	51
N900-N904.....	3,954	3	16	69	938	868	644	390	254	306	308	157	1
N905-N909.....	3,516	8	26	62	165	281	355	282	307	550	745	733	2
N910-N929.....	1,468	20	41	39	191	191	168	142	141	164	190	180	1
N930-N939.....	13,442	174	187	162	261	377	602	732	1,061	2,240	3,867	3,776	3

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1993

(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.....	3,248	57	267	130	313	446	415	318	288	385	360	256	13
N950-N957.....	1,901	12	32	58	356	331	243	161	132	219	227	130	-
N958-N959.....	31,681	163	494	1,025	6,049	5,488	4,623	2,958	2,370	2,658	3,384	2,433	36
N960-N995.....	38,150	726	1,465	1,200	4,140	7,783	9,251	4,526	2,653	2,585	2,348	1,373	100
N996-N999.....	24,021	357	205	195	271	503	958	1,639	3,128	6,747	6,865	3,152	1
*O42-*O44 <u>2</u> /.....	41,147	97	221	177	665	12,228	17,585	7,292	2,106	654	95	16	11

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

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	22	12	10	18	10	8	4	2	2	3	1	2
007-009.....	1,175	558	617	980	441	539	195	117	78	172	101	71
010-018.....	4,024	2,544	1,480	2,451	1,508	943	1,573	1,036	537	1,318	875	443
010-012.....	3,189	2,190	999	1,916	1,285	631	1,273	905	368	1,064	764	300
013-018.....	848	364	484	540	226	314	308	138	170	260	116	144
033.....	10	6	4	7	4	3	3	2	1	1	-	1
034-035.....	20	8	12	19	7	12	1	1	-	1	1	-
036.....	285	138	147	221	99	122	64	39	25	54	32	22
038.....	103,946	48,384	55,562	84,042	38,734	45,308	19,904	9,650	10,254	18,169	8,721	9,448
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	1	1	2	1	1	-	-	-	-	-	-
070.....	4,173	2,733	1,440	3,248	2,120	1,128	925	613	312	611	417	194
090-097.....	337	218	119	158	100	58	179	118	61	176	116	60
REM. 001-1392/...	54,746	42,440	12,306	36,919	29,279	7,640	17,827	13,161	4,666	17,106	12,619	4,487
140-208.....	596,385	317,620	278,765	521,359	275,906	245,453	75,026	41,714	33,312	66,060	36,760	29,300

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	9,973	6,732	3,241	8,244	5,430	2,814	1,729	1,302	427	1,491	1,128	363
150-159.....	140,123	73,941	66,182	120,270	63,235	57,035	19,853	10,706	9,147	16,894	9,005	7,889
160-165.....	167,698	105,555	62,143	147,910	91,986	55,924	19,788	13,569	6,219	17,695	12,202	5,493
174-175.....	53,418	455	52,963	47,030	388	46,642	6,388	67	6,321	5,798	62	5,736
179-187.....	77,127	49,183	27,944	65,375	41,296	24,079	11,752	7,887	3,865	10,795	7,368	3,427
188-189.....	26,958	17,832	9,126	24,558	16,400	8,158	2,400	1,432	968	2,117	1,255	862
170-173, 190-199.	180,741	94,996	85,745	158,525	83,043	75,482	22,216	11,953	10,263	19,756	10,687	9,069
204-208.....	24,152	13,347	10,805	21,772	12,055	9,717	2,380	1,292	1,088	1,999	1,079	920
200-203.....	38,847	20,230	18,617	34,587	17,985	16,602	4,260	2,245	2,015	3,732	1,926	1,806
210-239.....	13,765	6,322	7,443	12,145	5,580	6,565	1,620	742	878	1,423	637	786
250.....	178,728	81,802	96,926	149,027	69,635	79,392	29,701	12,167	17,534	26,239	10,482	15,757
260-269.....	31,111	13,573	17,538	26,620	11,235	15,385	4,491	2,338	2,153	4,003	2,092	1,911
280-285.....	43,854	19,606	24,248	35,822	15,733	20,089	8,032	3,873	4,159	7,278	3,485	3,793
320-322.....	2,324	1,285	1,039	1,637	883	754	687	402	285	632	369	263
390-448.....	1,359,660	657,593	702,067	1,184,945	571,367	613,578	174,715	86,226	88,489	155,587	75,600	79,987

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,162,755	574,411	588,344	1,015,289	500,609	514,680	147,466	73,802	73,664	131,251	64,617	66,634
390-398.....	10,289	3,481	6,808	9,428	3,175	6,253	861	306	555	675	241	434
402.....	40,904	17,780	23,124	30,383	12,885	17,498	10,521	4,895	5,626	9,940	4,598	5,342
404.....	3,441	1,461	1,980	2,447	1,038	1,409	994	423	571	942	392	550
410-414.....	609,925	312,758	297,167	550,365	283,375	266,990	59,560	29,383	30,177	52,401	25,088	27,313
410.....	260,970	139,536	121,434	233,618	125,836	107,782	27,352	13,700	13,652	24,223	11,755	12,468
411.....	6,529	3,579	2,950	5,694	3,105	2,589	835	474	361	749	415	334
413.....	5,428	2,467	2,961	5,022	2,289	2,733	406	178	228	352	155	197
412, 414.....	451,864	229,284	222,580	410,369	208,932	201,437	41,495	20,352	21,143	36,111	17,121	18,990
424.....	33,127	14,696	18,431	30,553	13,561	16,992	2,574	1,135	1,439	2,171	921	1,250
415-423, 425-429.	849,381	411,241	438,140	736,956	355,135	381,821	112,425	56,106	56,319	99,516	48,889	50,627
401, 403.....	136,918	57,181	79,737	110,829	45,748	65,081	26,089	11,433	14,656	23,452	10,103	13,349
430-438.....	266,784	109,979	156,805	230,546	93,910	136,636	36,238	16,069	20,169	31,882	13,896	17,986
431-432.....	30,349	14,422	15,927	24,867	11,538	13,329	5,482	2,884	2,598	4,566	2,394	2,172
434.0, 434.9.....	25,228	10,356	14,872	21,843	8,859	12,984	3,385	1,497	1,888	2,993	1,302	1,691

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.1.....	2,114	867	1,247	1,915	794	1,121	199	73	126	165	61	104
430, 433, 435-438	215,966	87,019	128,947	187,918	75,036	112,882	28,048	11,983	16,065	24,888	10,439	14,449
440.....	82,183	34,575	47,608	74,596	31,319	43,277	7,587	3,256	4,331	6,752	2,827	3,925
441-448.....	50,642	27,945	22,697	45,414	25,329	20,085	5,228	2,616	2,612	4,590	2,244	2,346
466.....	2,261	1,019	1,242	2,071	916	1,155	190	103	87	166	90	76
480-487.....	208,377	104,323	104,054	184,739	91,128	93,611	23,638	13,195	10,443	20,335	11,259	9,076
480-486.....	206,933	103,754	103,179	183,379	90,603	92,776	23,554	13,151	10,403	20,267	11,220	9,047
487.....	1,444	569	875	1,360	525	835	84	44	40	68	39	29
490-496.....	227,661	129,564	98,097	210,454	118,894	91,560	17,207	10,670	6,537	14,965	9,202	5,763
490-491.....	8,482	4,279	4,203	7,809	3,906	3,903	673	373	300	553	302	251
492.....	34,414	20,527	13,887	32,187	18,964	13,223	2,227	1,563	664	1,905	1,326	579
493.....	11,441	4,235	7,206	9,082	3,292	5,790	2,359	943	1,416	2,059	793	1,266
494-496.....	174,390	101,029	73,361	162,340	93,180	69,160	12,050	7,849	4,201	10,539	6,832	3,707
531-533.....	16,375	8,216	8,159	14,491	7,142	7,349	1,884	1,074	810	1,533	850	683
540-543.....	775	451	324	628	360	268	147	91	56	127	76	51

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
550-553, 560.....	18,796	7,203	11,593	16,442	6,125	10,317	2,354	1,078	1,276	2,138	984	1,154
571.....	39,474	25,727	13,747	33,333	21,767	11,566	6,141	3,960	2,181	5,093	3,357	1,736
574-575.....	6,886	2,962	3,924	6,076	2,617	3,459	810	345	465	655	258	397
580-589.....	124,160	64,783	59,377	102,292	53,672	48,620	21,868	11,111	10,757	19,520	9,827	9,693
580-581.....	1,185	561	624	953	445	508	232	116	116	210	103	107
582-583, 587...	5,364	2,912	2,452	4,151	2,208	1,943	1,213	704	509	1,105	638	467
584-586, 588-589.....	118,977	62,029	56,948	98,265	51,559	46,706	20,712	10,470	10,242	18,470	9,249	9,221
590.....	2,257	746	1,511	1,921	607	1,314	336	139	197	292	119	173
600.....	2,081	2,081	...	1,853	1,853	...	228	228	...	194	194	...
630-676.....	340	...	340	165	...	165	175	...	175	159	...	159
630-638.....	51	...	51	21	...	21	30	...	30	29	...	29
640-676.....	295	...	295	144	...	144	151	...	151	136	...	136
740-759.....	17,097	9,047	8,050	13,903	7,335	6,568	3,194	1,712	1,482	2,691	1,441	1,250
760-779.....	20,127	11,280	8,847	12,390	6,957	5,433	7,737	4,323	3,414	7,159	3,998	3,161
767-769.....	4,127	2,395	1,732	2,715	1,573	1,142	1,412	822	590	1,296	749	547

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ₁ /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-766, 770-779.....	19,592	10,987	8,605	11,992	6,742	5,250	7,600	4,245	3,355	7,040	3,932	3,108
780-799.....	397,899	197,210	200,689	342,877	167,773	175,104	55,022	29,437	25,585	48,175	25,569	22,606
RESIDUAL.....	633,876	299,808	334,068	549,683	256,520	293,163	84,193	43,288	40,905	74,472	37,952	36,520
E800-E949.....	151,465	90,660	60,805	129,247	76,434	52,813	22,218	14,226	7,992	18,739	12,032	6,707
E810-E825.....	42,732	29,105	13,627	35,926	24,381	11,545	6,806	4,724	2,082	5,312	3,812	1,500
E800-E807, E826-E949.....	109,090	61,806	47,284	93,627	52,273	41,354	15,463	9,533	5,930	13,472	8,247	5,225
E950-E959.....	31,355	25,184	6,171	28,265	22,686	5,579	3,090	2,498	592	2,277	1,917	360
E960-E978.....	26,215	20,432	5,783	12,405	9,132	3,273	13,810	11,300	2,510	13,017	10,698	2,319
E980-E999.....	3,620	2,666	954	2,739	2,006	733	881	660	221	779	581	198
N800-N999.....	198,545	131,263	67,282	160,260	103,567	56,693	38,285	27,696	10,589	33,343	24,381	8,962
N800-N848.....	30,349	14,532	15,817	27,661	12,851	14,810	2,688	1,681	1,007	2,183	1,387	796
N850-N854.....	32,871	23,340	9,531	27,064	19,071	7,993	5,807	4,269	1,538	4,818	3,597	1,221
N860-N869.....	19,565	14,397	5,168	15,152	10,950	4,202	4,413	3,447	966	3,782	3,024	758
N870-N897.....	43,136	35,984	7,152	28,881	23,852	5,029	14,255	12,132	2,123	13,239	11,322	1,917

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904.....	3,954	2,969	985	2,773	1,992	781	1,181	977	204	1,072	901	171
N905-N909.....	3,516	2,123	1,393	2,969	1,737	1,232	547	386	161	462	335	127
N910-N929.....	1,468	974	494	1,222	816	406	246	158	88	201	134	67
N930-N939.....	13,442	7,141	6,301	11,514	6,044	5,470	1,928	1,097	831	1,699	950	749
N940-N949.....	3,248	2,087	1,161	2,331	1,521	810	917	566	351	817	500	317
N950-N957.....	1,901	1,350	551	1,414	974	440	487	376	111	438	349	89
N958-N959.....	31,681	21,316	10,365	25,886	17,208	8,678	5,795	4,108	1,687	4,772	3,483	1,289
N960-N995.....	38,150	26,688	11,462	30,213	21,239	8,974	7,937	5,449	2,488	6,759	4,624	2,135
N996-N999.....	24,021	12,968	11,053	20,876	11,454	9,422	3,145	1,514	1,631	2,776	1,307	1,469
*042-*044 ^{3/}	41,171	35,384	5,787	26,008	23,614	2,394	15,163	11,770	3,393	14,758	11,415	3,343

^{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 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES.....	2,268,553	1,161,797	1,106,756	1,951,437	988,329	963,108	317,116	173,468	143,648	282,151	153,502	128,649
004, 006.....	11	5	6	9	4	5	2	1	1	1	-	1
007-009.....	631	292	339	510	221	289	121	71	50	110	64	46
010-018.....	1,631	1,018	613	969	591	378	662	427	235	549	361	188
010-012.....	1,276	837	439	769	490	279	507	347	160	416	294	122
013-018.....	355	181	174	200	101	99	155	80	75	133	67	66
033.....	7	3	4	5	2	3	2	1	1	1	-	1
034-035.....	13	4	9	13	4	9	-	-	-	-	-	-
036.....	260	124	136	201	89	112	59	35	24	49	28	21
038.....	20,634	8,916	11,718	16,696	7,087	9,609	3,938	1,829	2,109	3,632	1,673	1,959
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-
070.....	2,489	1,554	935	2,029	1,270	759	460	284	176	294	185	109
090-097.....	80	52	28	32	22	10	48	30	18	47	30	17
REM. 001-139 ^{2/} ..	44,387	35,985	8,402	29,016	24,428	4,588	15,371	11,557	3,814	14,821	11,124	3,697

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208.....	529,904	279,375	250,529	461,904	241,908	219,996	68,000	37,467	30,533	59,873	33,071	26,802
140-149.....	8,241	5,515	2,726	6,746	4,396	2,350	1,495	1,119	376	1,286	968	318
150-159.....	124,466	65,489	58,977	106,381	55,802	50,579	18,085	9,687	8,398	15,378	8,149	7,229
160-165.....	154,183	96,569	57,614	135,748	83,922	51,826	18,435	12,647	5,788	16,507	11,399	5,108
174-175.....	43,910	355	43,555	38,341	297	38,044	5,569	58	5,511	5,052	54	4,998
179-187.....	60,393	35,459	24,934	50,797	29,378	21,419	9,596	6,081	3,515	8,819	5,712	3,107
188-189.....	21,769	14,073	7,696	19,722	12,886	6,836	2,047	1,187	860	1,807	1,040	767
170-173, 190- 199.....	65,315	34,769	30,546	58,098	31,011	27,087	7,217	3,758	3,459	6,233	3,255	2,978
204-208.....	19,530	10,750	8,780	17,504	9,658	7,846	2,026	1,092	934	1,681	906	775
200-203.....	32,097	16,396	15,701	28,567	14,558	14,009	3,530	1,838	1,692	3,110	1,588	1,522
210-239.....	7,441	3,424	4,017	6,539	2,997	3,542	902	427	475	798	374	424
250.....	53,894	23,430	30,464	43,461	19,311	24,150	10,433	4,119	6,314	9,380	3,648	5,732
260-269.....	3,451	1,257	2,194	2,986	1,046	1,940	465	211	254	424	193	231
280-285.....	4,315	1,789	2,526	3,308	1,336	1,972	1,007	453	554	947	424	523
320-322.....	788	420	368	547	286	261	241	134	107	216	119	97

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-448	948,088	452,412	495,676	833,034	396,844	436,190	115,054	55,568	59,486	102,729	48,656	54,073
390-398, 402, 404-429	743,460	367,479	375,981	655,365	323,802	331,563	88,095	43,677	44,418	79,011	38,357	40,654
390-398.....	5,743	1,790	3,953	5,231	1,621	3,610	512	169	343	410	133	277
402.....	23,037	9,771	13,266	16,620	6,742	9,878	6,417	3,029	3,388	6,057	2,843	3,214
404.....	2,464	1,023	1,441	1,745	727	1,018	719	296	423	683	276	407
410-414.....	490,063	250,362	239,701	442,336	226,807	215,529	47,727	23,555	24,172	42,052	20,130	21,922
410.....	227,456	121,732	105,724	204,386	110,131	94,255	23,070	11,601	11,469	20,399	9,933	10,466
411.....	2,968	1,662	1,306	2,541	1,417	1,124	427	245	182	386	216	170
413.....	984	393	591	894	362	532	90	31	59	80	30	50
412, 414...	258,655	126,575	132,080	234,515	114,897	119,618	24,140	11,678	12,462	21,187	9,951	11,236
424.....	15,200	6,203	8,997	14,007	5,708	8,299	1,193	495	698	1,004	397	607
415-423, 425-429.....	206,953	98,330	108,623	175,426	82,197	93,229	31,527	16,133	15,394	28,805	14,578	14,227
401, 403.....	11,243	4,512	6,731	8,438	3,370	5,068	2,805	1,142	1,663	2,622	1,067	1,555
430-438.....	150,108	59,048	91,060	129,992	50,220	79,772	20,116	8,828	11,288	17,557	7,599	9,958

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	21,449	9,947	11,502	17,542	7,891	9,651	3,907	2,056	1,851	3,235	1,694	1,541
434.0, 434.9.	15,236	5,980	9,256	13,353	5,173	8,180	1,883	807	1,076	1,665	699	966
434.1.....	643	258	385	595	244	351	48	14	34	39	12	27
430, 433, 435-438.....	112,780	42,863	69,917	98,502	36,912	61,590	14,278	5,951	8,327	12,618	5,194	7,424
440.....	17,272	6,410	10,862	15,905	5,853	10,052	1,367	557	810	1,238	490	748
441-448.....	26,005	14,963	11,042	23,334	13,599	9,735	2,671	1,364	1,307	2,301	1,143	1,158
466.....	662	286	376	583	242	341	79	44	35	69	39	30
480-487.....	82,820	37,996	44,824	73,720	33,151	40,569	9,100	4,845	4,255	7,724	4,051	3,673
480-486.....	81,776	37,607	44,169	72,728	32,785	39,943	9,048	4,822	4,226	7,677	4,028	3,649
487.....	1,044	389	655	992	366	626	52	23	29	47	23	24
490-496.....	101,077	54,371	46,706	93,615	49,812	43,803	7,462	4,559	2,903	6,435	3,913	2,522
490-491.....	3,777	1,888	1,889	3,502	1,734	1,768	275	154	121	222	122	100
492.....	17,586	9,914	7,672	16,534	9,202	7,332	1,052	712	340	888	601	287
493.....	5,167	1,928	3,239	3,910	1,384	2,526	1,257	544	713	1,112	465	647
494-496.....	74,547	40,641	33,906	69,669	37,492	32,177	4,878	3,149	1,729	4,213	2,725	1,488

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
531-533.....	5,945	2,824	3,121	5,264	2,431	2,833	681	393	288	561	317	244
540-543.....	367	217	150	283	159	124	84	58	26	71	48	23
550-553, 560.....	5,919	2,197	3,722	5,168	1,846	3,322	751	351	400	693	325	368
571.....	25,209	16,276	8,933	21,348	13,821	7,527	3,861	2,455	1,406	3,228	2,100	1,128
574-575.....	2,752	1,207	1,545	2,417	1,067	1,350	335	140	195	272	103	169
580-589.....	23,317	11,210	12,107	18,795	9,110	9,685	4,522	2,100	2,422	4,107	1,879	2,228
580-581.....	292	124	168	232	98	134	60	26	34	55	23	32
582-583, 587...	1,588	806	782	1,251	639	612	337	167	170	309	153	156
584-586, 588- 589.....	21,437	10,280	11,157	17,312	8,373	8,939	4,125	1,907	2,218	3,743	1,703	2,040
590.....	1,023	276	747	881	226	655	142	50	92	127	44	83
600.....	410	410	...	350	350	...	60	60	...	53	53	...
630-676.....	302	...	302	152	...	152	150	...	150	135	...	135
630-638.....	47	...	47	21	...	21	26	...	26	25	...	25
640-676.....	255	...	255	131	...	131	124	...	124	110	...	110
740-759.....	12,444	6,610	5,834	9,934	5,281	4,653	2,510	1,329	1,181	2,104	1,116	988

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-779.....	15,097	8,472	6,625	8,831	4,956	3,875	6,266	3,516	2,750	5,891	3,309	2,582
767-769.....	2,618	1,523	1,095	1,652	959	693	966	564	402	909	534	375
760-766, 770- 779.....	12,479	6,949	5,530	7,179	3,997	3,182	5,300	2,952	2,348	4,982	2,775	2,207
780-799.....	26,540	14,179	12,361	20,529	10,631	9,898	6,011	3,548	2,463	5,499	3,235	2,264
RESIDUAL.....	195,584	87,271	108,313	170,188	74,825	95,363	25,396	12,446	12,950	22,657	11,011	11,646
E800-E949.....	90,523	60,117	30,406	75,218	49,515	25,703	15,305	10,602	4,703	12,707	8,900	3,807
E810-E825.....	41,893	28,531	13,362	35,194	23,874	11,320	6,699	4,657	2,042	5,217	3,752	1,465
E800-E807, E826-E949.....	48,630	31,586	17,044	40,024	25,641	14,383	8,606	5,945	2,661	7,490	5,148	2,342
E950-E959.....	31,102	25,007	6,095	28,035	22,524	5,511	3,067	2,483	584	2,259	1,905	354
E960-E978.....	26,009	20,290	5,719	12,286	9,054	3,232	13,723	11,236	2,487	12,937	10,640	2,297
E980-E999.....	3,427	2,521	906	2,581	1,882	699	846	639	207	751	564	187
*042-*044 ^{3/}	37,267	32,093	5,174	23,586	21,455	2,131	13,681	10,638	3,043	13,319	10,324	2,995

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

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ₁ /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	22	12	10	18	10	8	4	2	2	3	1	2
007-009.....	1,578	934	644	1,313	760	553	265	174	91	238	154	84
010-018.....	4,438	2,893	1,545	2,632	1,674	958	1,806	1,219	587	1,549	1,056	493
010-012.....	3,575	2,496	1,079	2,083	1,430	653	1,492	1,066	426	1,277	921	356
013-018.....	888	415	473	561	252	309	327	163	164	283	143	140
033.....	10	6	4	7	4	3	3	2	1	1	-	1
034-035.....	20	8	12	19	7	12	1	1	-	1	1	-
036.....	285	138	147	221	99	122	64	39	25	54	32	22
038.....	106,130	50,046	56,084	85,331	39,740	45,591	20,799	10,306	10,493	19,036	9,360	9,676
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	1	1	2	1	1	-	-	-	-	-	-
070.....	4,174	2,734	1,440	3,249	2,121	1,128	925	613	312	611	417	194
090-097.....	337	218	119	158	100	58	179	118	61	176	116	60
REM. 001-139 <u>2</u> /..	55,333	42,725	12,608	37,405	29,516	7,889	17,928	13,209	4,719	17,196	12,663	4,533
140-208.....	599,465	320,583	278,882	523,907	278,397	245,510	75,558	42,186	33,372	66,548	37,190	29,358

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	9,973	6,732	3,241	8,244	5,430	2,814	1,729	1,302	427	1,491	1,128	363
150-159.....	140,124	73,942	66,182	120,271	63,236	57,035	19,853	10,706	9,147	16,894	9,005	7,889
160-165.....	167,698	105,555	62,143	147,910	91,986	55,924	19,788	13,569	6,219	17,695	12,202	5,493
174-175.....	53,418	455	52,963	47,030	388	46,642	6,388	67	6,321	5,798	62	5,736
179-187.....	77,132	49,187	27,945	65,380	41,300	24,080	11,752	7,887	3,865	10,795	7,368	3,427
188-189.....	26,959	17,833	9,126	24,559	16,401	8,158	2,400	1,432	968	2,117	1,255	862
170-173, 190-199.....	183,479	97,385	86,094	160,877	85,094	75,783	22,602	12,291	10,311	20,102	10,988	9,114
204-208.....	24,152	13,347	10,805	21,772	12,055	9,717	2,380	1,292	1,088	1,999	1,079	920
200-203.....	39,947	21,233	18,714	35,454	18,803	16,651	4,493	2,430	2,063	3,946	2,094	1,852
210-239.....	14,179	6,539	7,640	12,479	5,749	6,730	1,700	790	910	1,493	677	816
250.....	178,728	81,802	96,926	149,027	69,635	79,392	29,701	12,167	17,534	26,239	10,482	15,757
260-269.....	31,889	14,008	17,881	27,247	11,582	15,665	4,642	2,426	2,216	4,142	2,173	1,969
280-285.....	43,918	19,649	24,269	35,871	15,767	20,104	8,047	3,882	4,165	7,293	3,494	3,799
320-322.....	2,340	1,297	1,043	1,645	889	756	695	408	287	639	374	265
390-448.....	1,361,651	658,591	703,060	1,186,546	572,191	614,355	175,105	86,400	88,705	155,942	75,759	80,183

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402,404-429.....	1,163,080	574,578	588,502	1,015,558	500,750	514,808	147,522	73,828	73,694	131,301	64,641	66,660
390-398.....	10,291	3,481	6,810	9,430	3,175	6,255	861	306	555	675	241	434
402.....	35,149	15,833	19,316	25,746	11,393	14,353	9,403	4,440	4,963	8,888	4,180	4,708
404.....	290	135	155	252	117	135	38	18	20	36	16	20
410-414.....	609,925	312,758	297,167	550,365	283,375	266,990	59,560	29,383	30,177	52,401	25,088	27,313
410.....	260,970	139,536	121,434	233,618	125,836	107,782	27,352	13,700	13,652	24,223	11,755	12,468
411.....	6,529	3,579	2,950	5,694	3,105	2,589	835	474	361	749	415	334
413.....	5,428	2,467	2,961	5,022	2,289	2,733	406	178	228	352	155	197
412, 414...	451,864	229,284	222,580	410,369	208,932	201,437	41,495	20,352	21,143	36,111	17,121	18,990
424.....	33,198	14,728	18,470	30,612	13,585	17,027	2,586	1,143	1,443	2,181	927	1,254
415-423, 425- 429.....	856,376	413,938	442,438	742,589	357,253	385,336	113,787	56,685	57,102	100,791	49,421	51,370
401, 403.....	149,109	61,771	87,338	120,062	49,096	70,966	29,047	12,675	16,372	26,240	11,251	14,989
430-438.....	266,838	109,994	156,844	230,601	93,924	136,677	36,237	16,070	20,167	31,882	13,898	17,984
431-432.....	31,068	14,693	16,375	25,472	11,771	13,701	5,596	2,922	2,674	4,651	2,419	2,232

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9.	25,398	10,416	14,982	21,997	8,914	13,083	3,401	1,502	1,899	3,006	1,307	1,699
434.1.....	2,114	867	1,247	1,915	794	1,121	199	73	126	165	61	104
430,433, 435- 438.....	221,707	89,442	132,265	192,946	77,132	115,814	28,761	12,310	16,451	25,470	10,697	14,773
440.....	89,545	37,762	51,783	81,438	34,289	47,149	8,107	3,473	4,634	7,222	3,016	4,206
441-448.....	58,635	32,075	26,560	52,028	28,873	23,155	6,607	3,202	3,405	5,841	2,767	3,074
466.....	2,497	1,138	1,359	2,287	1,024	1,263	210	114	96	184	99	85
480-487.....	213,854	108,285	105,569	188,756	93,979	94,777	25,098	14,306	10,792	21,690	12,294	9,396
480-486.....	212,883	107,892	104,991	187,844	93,618	94,226	25,039	14,274	10,765	21,644	12,267	9,377
487.....	1,444	569	875	1,360	525	835	84	44	40	68	39	29
490-496.....	227,748	129,604	98,144	210,529	118,927	91,602	17,219	10,677	6,542	14,971	9,207	5,764
490-491.....	8,523	4,293	4,230	7,845	3,919	3,926	678	374	304	557	303	254
492.....	35,795	21,341	14,454	33,487	19,721	13,766	2,308	1,620	688	1,970	1,370	600
493.....	11,604	4,305	7,299	9,224	3,351	5,873	2,380	954	1,426	2,079	803	1,276
494-496.....	182,717	105,448	77,269	169,985	97,212	72,773	12,732	8,236	4,496	11,107	7,147	3,960
531-533.....	16,381	8,220	8,161	14,497	7,146	7,351	1,884	1,074	810	1,533	850	683

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	776	452	324	629	361	268	147	91	56	127	76	51
550-553, 560.....	18,796	7,203	11,593	16,442	6,125	10,317	2,354	1,078	1,276	2,138	984	1,154
571.....	39,386	25,664	13,722	33,268	21,720	11,548	6,118	3,944	2,174	5,071	3,341	1,730
574-575.....	6,890	2,964	3,926	6,080	2,619	3,461	810	345	465	655	258	397
580-589.....	141,254	72,332	68,922	114,777	59,289	55,488	26,477	13,043	13,434	23,760	11,586	12,174
580-581.....	1,356	637	719	1,083	508	575	273	129	144	244	113	131
582-583, 587...	6,808	3,597	3,211	5,273	2,760	2,513	1,535	837	698	1,386	755	631
584-586, 588-589.....	135,036	69,072	65,964	109,945	56,771	53,174	25,091	12,301	12,790	22,516	10,922	11,594
590.....	2,383	790	1,593	2,028	645	1,383	355	145	210	309	124	185
600.....	2,081	2,081	...	1,853	1,853	...	228	228	...	194	194	...
630-676.....	340	...	340	165	...	165	175	...	175	159	...	159
630-638.....	51	...	51	21	...	21	30	...	30	29	...	29
640-676.....	295	...	295	144	...	144	151	...	151	136	...	136
740-759.....	17,223	9,118	8,105	14,012	7,399	6,613	3,211	1,719	1,492	2,703	1,447	1,256
760-779.....	20,164	11,299	8,865	12,421	6,973	5,448	7,743	4,326	3,417	7,165	4,001	3,164

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

(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.....	4,156	2,414	1,742	2,737	1,586	1,151	1,419	828	591	1,303	755	548
760-766, 770-779.....	19,611	10,996	8,615	12,007	6,750	5,257	7,604	4,246	3,358	7,044	3,933	3,111
780-799.....	403,004	199,343	203,661	347,047	169,529	177,518	55,957	29,814	26,143	49,029	25,907	23,122
RESIDUAL.....	667,806	316,674	351,132	577,809	270,433	307,376	89,997	46,241	43,756	79,652	40,570	39,082
E800-E949.....	151,466	90,661	60,805	129,248	76,435	52,813	22,218	14,226	7,992	18,739	12,032	6,707
E810-E825.....	42,732	29,105	13,627	35,926	24,381	11,545	6,806	4,724	2,082	5,312	3,812	1,500
E800-E807, E826-E949...	109,091	61,807	47,284	93,628	52,274	41,354	15,463	9,533	5,930	13,472	8,247	5,225
E950-E959.....	31,355	25,184	6,171	28,265	22,686	5,579	3,090	2,498	592	2,277	1,917	360
E960-E978.....	26,215	20,432	5,783	12,405	9,132	3,273	13,810	11,300	2,510	13,017	10,698	2,319
E980-E999.....	3,620	2,666	954	2,739	2,006	733	881	660	221	779	581	198
N800-N999.....	198,545	131,263	67,282	160,260	103,567	56,693	38,285	27,696	10,589	33,343	24,381	8,962
N800-N848.....	30,349	14,532	15,817	27,661	12,851	14,810	2,688	1,681	1,007	2,183	1,387	796
N850-N854.....	32,871	23,340	9,531	27,064	19,071	7,993	5,807	4,269	1,538	4,818	3,597	1,221
N860-N869.....	19,565	14,397	5,168	15,152	10,950	4,202	4,413	3,447	966	3,782	3,024	758

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1993

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N870-N897.....	43,136	35,984	7,152	28,881	23,852	5,029	14,255	12,132	2,123	13,239	11,322	1,917
N900-N904.....	3,954	2,969	985	2,773	1,992	781	1,181	977	204	1,072	901	171
N905-N909.....	3,516	2,123	1,393	2,969	1,737	1,232	547	386	161	462	335	127
N910-N929.....	1,468	974	494	1,222	816	406	246	158	88	201	134	67
N930-N939.....	13,442	7,141	6,301	11,514	6,044	5,470	1,928	1,097	831	1,699	950	749
N940-N949.....	3,248	2,087	1,161	2,331	1,521	810	917	566	351	817	500	317
N950-N957.....	1,901	1,350	551	1,414	974	440	487	376	111	438	349	89
N958-N959.....	31,681	21,316	10,365	25,886	17,208	8,678	5,795	4,108	1,687	4,772	3,483	1,289
N960-N995.....	38,150	26,688	11,462	30,213	21,239	8,974	7,937	5,449	2,488	6,759	4,624	2,135
N996-N999.....	24,021	12,968	11,053	20,876	11,454	9,422	3,145	1,514	1,631	2,776	1,307	1,469
*042-*044 ^{3/}	41,147	35,368	5,779	25,996	23,605	2,391	15,151	11,763	3,388	14,747	11,409	3,338

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

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY
5-YEAR AGE, RACE, AND SEX: UNITED STATES, 1993

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.	2,268,553	1,161,797	1,106,756	1,951,437	988,329	963,108	317,116	173,468	143,648	282,151	153,502	128,649
UNDER 1 YR	33,466	18,959	14,507	21,497	12,222	9,275	11,969	6,737	5,232	10,887	6,121	4,766
01-04 YR	7,066	3,992	3,074	4,793	2,747	2,046	2,273	1,245	1,028	1,975	1,089	886
05-09 YR	3,918	2,203	1,715	2,817	1,616	1,201	1,101	587	514	936	487	449
10-14 YR	4,740	3,004	1,736	3,493	2,208	1,285	1,247	796	451	1,056	679	377
15-19 YR	14,997	11,163	3,834	10,610	7,628	2,982	4,387	3,535	852	3,832	3,130	702
20-24 YR	20,486	15,743	4,743	13,886	10,613	3,273	6,600	5,130	1,470	5,867	4,604	1,263
25-29 YR	24,085	17,759	6,326	16,668	12,475	4,193	7,417	5,284	2,133	6,667	4,766	1,901
30-34 YR	35,560	25,928	9,632	25,380	18,901	6,479	10,180	7,027	3,153	9,276	6,396	2,880
35-39 YR	44,330	31,185	13,145	31,547	22,676	8,871	12,783	8,509	4,274	11,745	7,842	3,903
40-44 YR	51,708	35,210	16,498	37,249	25,626	11,623	14,459	9,584	4,875	13,119	8,743	4,376
45-49 YR	59,270	38,084	21,186	45,103	29,159	15,944	14,167	8,925	5,242	12,726	8,050	4,676
50-54 YR	72,545	45,364	27,181	56,767	35,704	21,063	15,778	9,660	6,118	14,192	8,746	5,446
55-59 YR	96,333	59,129	37,204	77,318	47,806	29,512	19,015	11,323	7,692	16,932	10,152	6,780
60-64 YR	145,248	87,777	57,471	120,918	73,750	47,168	24,330	14,027	10,303	21,663	12,531	9,132
65-69 YR	213,366	125,445	87,921	182,643	108,341	74,302	30,723	17,104	13,619	27,401	15,233	12,168
70-74 YR	274,453	154,161	120,292	240,176	135,772	104,404	34,277	18,389	15,888	30,471	16,188	14,283
75-79 YR	312,774	163,677	149,097	279,742	147,381	132,361	33,032	16,296	16,736	29,122	14,101	15,021
80-84 YR	325,264	149,882	175,382	294,280	135,805	158,475	30,984	14,077	16,907	27,132	11,891	15,241
85 AND OVER	528,437	172,778	355,659	486,211	157,645	328,566	42,226	15,133	27,093	37,011	12,671	24,340
NOT STATED	507	354	153	339	254	85	168	100	68	141	82	59

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1993

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
UNITED STATES.....	2,268,553	1,161,797	1,106,756	1,951,437	988,329	963,108	317,116	173,468	143,648	282,151	153,502	128,649
ALABAMA.....	41,272	20,919	20,353	30,428	15,308	15,120	10,844	5,611	5,233	10,765	5,566	5,199
ALASKA.....	2,383	1,463	920	1,658	1,035	623	725	428	297	80	48	32
ARIZONA.....	33,321	18,155	15,166	30,989	16,794	14,195	2,332	1,361	971	797	456	341
ARKANSAS.....	26,531	13,769	12,762	22,301	11,563	10,738	4,230	2,206	2,024	4,180	2,181	1,999
CALIFORNIA.....	221,989	116,854	105,135	191,762	99,646	92,116	30,227	17,208	13,019	18,472	10,411	8,061
COLORADO.....	23,746	12,094	11,652	22,603	11,459	11,144	1,143	635	508	896	495	401
CONNECTICUT.....	29,037	14,228	14,809	26,883	12,993	13,890	2,154	1,235	919	2,038	1,168	870
DELAWARE.....	6,150	3,146	3,004	5,057	2,530	2,527	1,093	616	477	1,067	600	467
DISTRICT OF COLUMBIA.....	7,191	4,034	3,157	1,588	797	791	5,603	3,237	2,366	5,569	3,217	2,352
FLORIDA.....	146,699	77,994	68,705	130,477	69,133	61,344	16,222	8,861	7,361	15,836	8,654	7,182
GEORGIA.....	56,099	29,073	27,026	40,071	20,544	19,527	16,028	8,529	7,499	15,836	8,415	7,421
HAWAII.....	7,329	4,325	3,004	2,161	1,295	866	5,168	3,030	2,138	41	29	12
IDAHO.....	8,395	4,433	3,962	8,257	4,357	3,900	138	76	62	21	9	12
ILLINOIS.....	107,193	54,084	53,109	89,242	44,109	45,133	17,951	9,975	7,976	17,238	9,566	7,672
INDIANA.....	52,311	26,117	26,194	48,078	23,882	24,196	4,233	2,235	1,998	4,150	2,195	1,955
IOWA.....	27,973	13,549	14,424	27,545	13,318	14,227	428	231	197	357	192	165
KANSAS.....	23,631	11,668	11,963	22,242	10,927	11,315	1,389	741	648	1,221	641	580
KENTUCKY.....	36,869	18,959	17,910	34,234	17,595	16,639	2,635	1,364	1,271	2,584	1,346	1,238
LOUISIANA.....	39,593	20,673	18,920	26,678	13,661	13,017	12,915	7,012	5,903	12,784	6,930	5,854
MAINE.....	11,695	5,731	5,964	11,624	5,690	5,934	71	41	30	11	7	4

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1993 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MARYLAND.....	40,373	20,775	19,598	29,633	14,695	14,938	10,740	6,080	4,660	10,320	5,853	4,467
MASSACHUSETTS.....	55,634	26,484	29,150	53,227	25,128	28,099	2,407	1,356	1,051	2,011	1,142	869
MICHIGAN.....	82,570	41,987	40,583	69,350	34,740	34,610	13,220	7,247	5,973	12,546	6,876	5,670
MINNESOTA.....	36,450	18,213	18,237	35,400	17,604	17,796	1,050	609	441	573	347	226
MISSISSIPPI.....	26,399	13,940	12,459	17,090	8,989	8,101	9,309	4,951	4,358	9,228	4,909	4,319
MISSOURI.....	53,746	26,891	26,855	47,983	23,812	24,171	5,763	3,079	2,684	5,608	2,996	2,612
MONTANA.....	7,472	3,970	3,502	7,125	3,776	3,349	347	194	153	12	7	5
NEBRASKA.....	15,026	7,582	7,444	14,492	7,295	7,197	534	287	247	435	231	204
NEVADA.....	11,173	6,322	4,851	10,354	5,843	4,511	819	479	340	573	332	241
NEW HAMPSHIRE.....	8,856	4,282	4,574	8,806	4,253	4,553	50	29	21	21	11	10
NEW JERSEY.....	72,705	36,344	36,361	62,117	30,512	31,605	10,588	5,832	4,756	9,994	5,499	4,495
NEW MEXICO.....	11,731	6,267	5,464	10,710	5,672	5,038	1,021	595	426	200	112	88
NEW YORK.....	171,232	85,826	85,406	143,465	70,717	72,748	27,767	15,109	12,658	25,573	13,812	11,761
NORTH CAROLINA.....	62,486	32,590	29,896	47,371	24,370	23,001	15,115	8,220	6,895	14,501	7,895	6,606
NORTH DAKOTA.....	5,825	3,096	2,729	5,647	2,986	2,661	178	110	68	5	4	1
OHIO.....	102,696	51,037	51,659	91,437	45,114	46,323	11,259	5,923	5,336	11,063	5,822	5,241
OKLAHOMA.....	32,422	16,497	15,925	29,046	14,722	14,324	3,376	1,775	1,601	2,076	1,072	1,004
OREGON.....	27,602	14,248	13,354	26,813	13,802	13,011	789	446	343	381	226	155
PENNSYLVANIA.....	126,471	62,825	63,646	113,726	55,930	57,796	12,745	6,895	5,850	12,360	6,683	5,677
RHODE ISLAND.....	9,786	4,727	5,059	9,437	4,526	4,911	349	201	148	304	172	132
SOUTH CAROLINA.....	31,963	16,741	15,222	21,959	11,361	10,598	10,004	5,380	4,624	9,930	5,339	4,591
SOUTH DAKOTA.....	6,782	3,554	3,228	6,310	3,297	3,013	472	257	215	3	1	2
TENNESSEE.....	49,249	25,311	23,938	41,091	21,007	20,084	8,158	4,304	3,854	8,060	4,253	3,807
TEXAS.....	134,664	71,166	63,498	116,135	61,030	55,105	18,529	10,136	8,393	17,776	9,740	8,036
UTAH.....	10,465	5,409	5,056	10,165	5,221	4,944	300	188	112	76	52	24

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1993 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VERMONT.....	4,957	2,455	2,502	4,938	2,442	2,496	19	13	6	13	7	6
VIRGINIA.....	51,538	26,442	25,096	39,792	20,026	19,766	11,746	6,416	5,330	11,335	6,197	5,138
WASHINGTON.....	40,473	20,939	19,534	38,221	19,656	18,565	2,252	1,283	969	972	576	396
WEST VIRGINIA.....	20,404	10,345	10,059	19,634	9,979	9,655	770	366	404	752	358	394
WISCONSIN.....	44,506	22,420	22,086	42,683	21,402	21,281	1,823	1,018	805	1,485	837	648
WYOMING.....	3,490	1,844	1,646	3,402	1,786	1,616	88	58	30	22	15	7

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1993

(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.....	2,271,947	200,803	188,018	212,568	189,985	185,450	175,530	181,405	176,532	173,199	189,198	188,012	211,247
ALABAMA.....	40,854	3,507	3,503	4,034	3,392	3,258	3,109	3,292	3,164	3,110	3,326	3,270	3,889
ALASKA.....	2,382	185	157	186	219	231	215	230	189	191	196	202	181
ARIZONA.....	34,070	3,093	2,831	3,123	3,070	2,918	2,596	2,621	2,566	2,445	2,685	2,795	3,327
ARKANSAS.....	26,431	2,299	2,368	2,491	2,179	2,114	1,979	2,178	2,050	1,983	2,175	2,209	2,406
CALIFORNIA.....	222,330	20,501	18,131	19,506	18,153	18,109	17,145	17,520	17,373	16,966	17,987	18,313	22,626
COLORADO.....	24,264	2,115	1,964	2,213	2,060	2,003	1,938	1,913	1,827	1,918	1,981	2,063	2,269
CONNECTICUT.....	29,221	2,604	2,401	2,855	2,344	2,374	2,211	2,317	2,241	2,211	2,575	2,493	2,595
DELAWARE.....	6,278	553	471	610	552	529	522	492	501	476	490	480	602
DISTRICT OF COLUMBIA.....	8,959	755	762	840	727	758	716	769	703	677	770	741	741
FLORIDA.....	147,634	13,094	12,479	14,318	12,957	12,141	11,340	11,541	11,162	11,138	11,943	11,855	13,666
GEORGIA.....	56,810	4,867	4,757	5,602	4,667	4,679	4,375	4,504	4,293	4,340	4,635	4,722	5,369
HAWAII.....	7,570	676	671	712	576	603	627	573	617	584	613	635	683
IDAHO.....	8,132	677	610	719	681	704	618	650	651	657	660	644	861
ILLINOIS.....	104,267	9,054	8,296	9,707	8,766	8,538	8,118	8,258	8,305	8,086	9,071	8,608	9,460
INDIANA.....	52,957	4,538	4,336	4,880	4,400	4,242	4,045	4,195	4,224	4,103	4,474	4,524	4,996
IOWA.....	27,737	2,508	2,228	2,542	2,399	2,231	2,157	2,173	2,187	2,141	2,267	2,327	2,577
KANSAS.....	22,941	2,066	2,013	2,138	1,865	1,740	1,790	1,785	1,793	1,778	1,919	1,931	2,123
KENTUCKY.....	36,239	3,096	3,034	3,449	2,980	3,070	2,725	2,844	2,821	2,788	3,093	2,976	3,363
LOUISIANA.....	39,907	3,533	3,353	3,557	3,414	3,290	3,051	3,185	3,217	3,081	3,256	3,277	3,693
MAINE.....	11,628	1,039	899	1,155	953	949	920	971	887	882	976	960	1,037

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1993

(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.
MARYLAND.....	39,688	3,309	3,224	4,044	3,341	3,231	3,107	3,281	3,140	2,926	3,325	3,312	3,448
MASSACHUSETTS.....	56,394	4,899	4,895	5,762	4,637	4,579	4,319	4,446	4,344	4,124	4,789	4,647	4,959
MICHIGAN.....	81,383	7,056	6,523	7,335	6,972	6,706	6,406	6,700	6,409	6,234	6,992	6,719	7,331
MINNESOTA.....	36,598	3,193	2,850	3,250	3,162	2,975	2,804	2,811	2,980	2,982	3,263	3,102	3,226
MISSISSIPPI.....	25,668	2,241	2,247	2,405	2,066	2,025	2,025	2,143	2,016	1,952	2,098	2,069	2,381
MISSOURI.....	55,322	5,117	4,560	4,939	4,592	4,469	4,288	4,408	4,205	4,277	4,660	4,707	5,100
MONTANA.....	7,434	603	614	703	641	582	587	616	592	617	616	608	655
NEBRASKA.....	15,178	1,318	1,216	1,312	1,327	1,176	1,171	1,215	1,246	1,283	1,264	1,252	1,398
NEVADA.....	11,896	1,048	942	1,072	1,057	981	922	907	929	888	959	1,026	1,165
NEW HAMPSHIRE.....	8,820	753	738	883	740	698	660	751	671	684	788	702	752
NEW JERSEY.....	71,090	6,353	6,055	7,093	5,891	5,799	5,476	5,797	5,413	5,329	5,980	5,762	6,142
NEW MEXICO.....	11,692	1,027	925	1,044	1,135	1,026	855	890	882	899	995	935	1,079
NEW YORK.....	169,995	15,090	15,046	16,148	13,908	13,644	13,294	14,210	12,880	12,979	14,105	13,605	15,086
NORTH CAROLINA.....	63,008	5,435	5,166	6,537	5,335	5,186	4,832	4,949	4,864	4,706	5,218	5,121	5,659
NORTH DAKOTA.....	6,304	535	489	558	525	497	522	487	527	468	552	561	583
OHIO.....	102,514	8,753	8,479	9,095	8,329	8,505	7,999	8,087	8,025	7,936	8,696	8,558	10,052
OKLAHOMA.....	31,430	2,843	2,672	2,834	2,535	2,429	2,512	2,506	2,477	2,374	2,617	2,650	2,981
OREGON.....	27,793	2,648	2,132	2,418	2,189	2,286	2,192	2,224	2,156	2,139	2,245	2,333	2,831
PENNSYLVANIA.....	127,335	11,107	10,351	12,466	10,711	10,575	9,692	10,206	9,704	9,569	10,789	10,605	11,560
RHODE ISLAND.....	9,893	836	820	1,105	824	792	741	832	782	703	816	782	860
SOUTH CAROLINA.....	31,128	2,663	2,581	3,081	2,607	2,545	2,343	2,552	2,390	2,477	2,543	2,475	2,871
SOUTH DAKOTA.....	6,904	608	542	646	541	551	533	509	557	587	615	611	604
TENNESSEE.....	52,335	4,534	4,382	4,888	4,392	4,254	4,038	4,087	3,947	3,890	4,391	4,462	5,070
TEXAS.....	136,063	12,378	11,123	12,009	11,403	11,023	10,556	10,912	10,695	10,299	11,001	11,583	13,081
UTAH.....	10,795	898	890	902	903	895	830	858	862	792	908	967	1,090

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1993

(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.
VERMONT.....	5,001	448	391	473	454	397	369	423	399	379	449	413	406
VIRGINIA.....	51,032	4,462	4,089	5,013	4,173	4,242	3,876	4,182	4,026	3,753	4,267	4,342	4,607
WASHINGTON.....	40,531	3,873	3,378	3,756	3,500	3,345	3,029	3,035	3,223	3,073	3,341	3,356	3,622
WEST VIRGINIA.....	20,344	1,768	1,640	1,892	1,713	1,674	1,596	1,707	1,561	1,542	1,673	1,719	1,859
WISCONSIN.....	44,419	3,974	3,504	3,995	3,767	3,596	3,498	3,373	3,585	3,503	3,864	3,737	4,023
WYOMING.....	3,349	273	290	273	261	286	261	290	274	280	287	266	308

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

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

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

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 T	Limited Sex	Len- 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)

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

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 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)

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 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)

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

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 T	Limited Sex	Len- 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			1 064	Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)
33900			1 061	Suicide by other solid or liquid substances (E950.6-E950.9)
34000			1 041	Suicide by gases and vapors (E951-E952)
34100			1 059	Suicide by hanging, strangulation, and suffocation (E953)
34200			1 029	Suicide by handgun (E955.0)
34300			1 063	Suicide by all other and unspecified firearms (E955.1-E955.4)
34400			1 089	Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)

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

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)

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

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

72 Recode	S T	Limited Len- Sex Age gth	Cause Title And ICD-9 Codes Included
010			035 Shigellosis and amebiasis (004,006)
020			045 Certain other intestinal infections (007-009)
030	1		022 Tuberculosis (010-018)
040			046 Tuberculosis of respiratory system (010-012)
050			030 Other tuberculosis (013-018)
060			020 Whooping cough (033)
070			063 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
080			029 Meningococcal infection (036)
090	3		016 Septicemia (038)
100			025 Acute poliomyelitis (045)
110			013 Measles (055)
120			021 Viral hepatitis (070)
130			018 Syphilis (090-097)
140			119 All other infectious and parasitic diseases (001-003,005,020-032, 037,039-041,*042-*044,046-054,056-066,071-088,098-139)
150	1		089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
160			064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
170			066 Malignant neoplasms of digestive organs and peritoneum (150-159)
180			071 Malignant neoplasms of respiratory and intrathoracic organs (160-165)
190			040 Malignant neoplasm of breast (174-175)
200			049 Malignant neoplasms of genital organs (179-187)
210			049 Malignant neoplasms of urinary organs (188-189)
220			074 Malignant neoplasms of all other and unspecified sites (170-173,190-199)
230			020 Leukemia (204-208)
240			076 Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)
250			108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
260			023 Diabetes mellitus (250)
270			034 Nutritional deficiencies (260-269)
280			017 Anemias (280-285)
290			020 Meningitis (320-322)
300	1		039 Major cardiovascular diseases (390-448)
310	1		041 Diseases of heart (390-398,402,404-429)
320			057 Rheumatic fever and rheumatic heart disease (390-398)
330			036 Hypertensive heart disease (402)
340			046 Hypertensive heart and renal disease (404)
350	1		036 Ischemic heart disease (410-414)
360			039 Acute myocardial infarction (410)
370			068 Other acute and subacute forms of ischemic heart disease (411)
380			027 Angina pectoris (413)
390			091 Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
400			039 Other diseases of endocardium (424)
410			054 All other forms of heart disease (415-423,425-429)
420			054 Hypertension with or without renal disease (401,403)
430	1		036 Cerebrovascular diseases (430-438)
440			061 Intracerebral and other intracranial hemorrhage (431-432)
450			084 Cerebral thrombosis and unspecified occlusion of cerebral arteries (434 0,434 9)
460			029 Cerebral embolism (434.1)
470			076 All other and late effects of cerebrovascular diseases (430,433,435-438)
480			023 Atherosclerosis (440)
490			067 Other diseases of arteries, arterioles, and capillaries (441-448)

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

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

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

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 *****

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)

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 *****

61 Recode	S T	Limited Sex	Len- 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)

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 *****

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

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

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

34 S Limited Len-

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

010		022 Tuberculosis (010-018)
020		018 Syphilis (090-097)
030		089 Residual of infectious and parasitic diseases (001-009,020-041,*042-*044,045-088,098-139)
040	1	089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
050		066 Malignant neoplasms of digestive organs and peritoneum (150-159)
060		071 Malignant neoplasms of respiratory and intrathoracic organs (160-165)
070		040 Malignant neoplasm of breast (174-175)
080		049 Malignant neoplasms of genital organs (179-187)
090		049 Malignant neoplasms of urinary organs (188-189)
100		020 Leukemia (204-208)
110		053 Other malignant neoplasms (140-149,170-173,190-203)
120		023 Diabetes mellitus (250)
130	1	039 Major cardiovascular diseases (390-448)
140	1	041 Diseases of heart (390-398,402,404-429)
150		057 Rheumatic fever and rheumatic heart disease (390-398)
160		070 Hypertensive heart disease with or without renal disease (402,404)
170		036 Ischemic heart disease (410-414)
180		034 Other heart diseases (415-429)
190		054 Hypertension with or without renal disease (401,403)
200		036 Cerebrovascular diseases (430-438)
210		023 Atherosclerosis (440)
220		067 Other diseases of arteries, arterioles, and capillaries (441-448)
230		033 Pneumonia and influenza (480-487)
240		070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
250		039 Ulcer of stomach and duodenum (531-533)
260		041 Chronic liver disease and cirrhosis (571)
270		054 Nephritis, nephrotic syndrome, and nephrosis (580-589)
280	2	068 Complications of pregnancy, childbirth, and the puerperium (630-676)
290	2	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)

1993 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1991, 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, 1991, 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 1993 data year. Those modifications, which will appear in the printed version of the 1993 technical appendix, include the following:

I. Sources of data

State-coded medical data:

1993

Alabama
Connecticut
Nevada
Oregon
South Dakota

1992

Montana

For 1993 of the States in the VSCP, 37 States submitted precoded medical data for all death certificates on computer tape. In addition, Maine, Montana, North Dakota, 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 13 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data

For 1993 approximately 75 percent of the nation's death records were multiple-cause coded using MICAR. In addition to the eight States which implemented MICAR in 1991 and 1992 (Arkansas, Florida, Georgia, Indiana, Maryland, New Hampshire, Vermont and, Washington), 20 additional States implemented MICAR beginning with 1993 data. NCHS continued to expand the use of MICAR to code at least a portion of the death records from the following States: Arizona, Hawaii, Illinois, Kentucky, Missouri, New Jersey, New Mexico, Ohio, Oklahoma, Rhode Island, Tennessee, Utah, West Virginia, New York City, and the District of Columbia. The remaining 25 percent 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 1993.

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) or race not stated were assigned to the specified race of the previous record.

B. Hispanic origin.

Data for 1993 were obtained from the District of Columbia and all States except Oklahoma, which was excluded because the death certificates did not include an item to identify Hispanic or ethnic origin.

For 1993 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 49 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 49 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 2.1 and the percent of live births of unknown origin was 1.3 for the 49 States and the District of Columbia for 1993 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 (1).

In 1990 the 49 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, 99.8 percent of the Puerto Rican population, 99.9 percent of the Cuban population, and 99.7 percent of the "Other Hispanic" population (2).

C. Educational attainment.

Mortality data on educational attainment for 1993 in VSUS table 1-45 are based on deaths to residents of 45 States and the District of Columbia. Data for four States (Georgia, Oklahoma, Rhode Island, and South Dakota) are excluded from this table because their death certificates did not include an educational attainment item and for New York, data are excluded because the education item on the death certificate for New York City 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 43 States and the District of Columbia whose data were at least 80 percent complete on a place-of-occurrence basis. Data for 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 1993 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	New Mexico
Georgia	North Carolina
Hawaii	Ohio
Idaho	Oklahoma
Indiana	Rhode Island
Kansas	South Carolina
Kentucky	Utah
Maine	Vermont
Nevada	West Virginia
New Hampshire	Wisconsin
New Jersey	

Data for 1993 were coded using the **REVISED** NCHS Part 19 instruction manual (3) and also, the 1990 occupation and industry titles and three-digit codes were used to code the 1993 data. The titles and the corresponding three-digit codes are listed in the 1990 Census of Population and Housing(4).

Occupation and industry mortality data for 1984-92 were based on the 1980 Bureau of the Census occupation and industry classifications. For a listing of the changes between the 1980 and the 1990 classification systems, see Appendix D of the NCHS Part 19 instruction manual(3).

In addition to the codes shown in Census publication(4), the following special codes were created:

<u>Occupation</u>	<u>Industry</u>
913 Retired	961 Own Home/At Home
914 Housewife/ Homemaker	970 Retired
915 Student	990 Blank, Unknown, NA
916 Volunteer	
917 Unemployed, never worked, disabled, child, infant	
999 Blank, Unknown, NA	

The 1993 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1993.

E. Injury at work.

Deaths for "Injury at work" are included for the first time on the 1993 public-use data tapes. These data were obtained from the following item that appears on the U.S. Standard Certificate of Death:

- o (Item 30c) INJURY AT WORK? (Yes or No)

The 1993 injury at work mortality data will not appear in Vital Statistics of the United States, 1993.

III. 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 1993 are based on population estimates as of July 1, 1993 (5,6). 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 (7).

References

1. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1990, vol II, mortality, part A. Washington: Public Health Service. 1994.
2. U.S. Bureau of the Census: Unpublished data from the 1990 census for persons of Spanish origin by State.
3. National Center for Health Statistics: Industry and occupation coding for death certificates, 1993. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1992
4. U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. Washington: U.S. Department of Commerce. 1992.
5. U.S. Bureau of the Census: United States population estimates, by age, sex, race, and Hispanic origin: 1993. Census file RES0793. 1995.
6. U.S. Bureau of the Census: Unpublished estimates for 1993, by State.
7. 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

Page	Page
Sources of data-----	Quality of data-----
Death and fetal death statistics-----	Completeness of registration Massachusetts data-----
Standard certificates and reports-----	Alabama data-----
	Amended records for Alabama, Alaska, Hawaii, and New Jersey-----
	Quality control procedures- Estimates of errors arising from 50-percent sample for 1972-----
History-----	
Classification of data-----	
Classification by occurrence and residence	Computation of rates and other measures-----
Geographic classification--	Population bases-----
State or country of birth--	Net census undercount-----
Age-----	Age-adjusted death rates-- Life tables-----
Race-----	Random variation in numbers of deaths, death rates, and mortality rates and ratios-----
Hispanic origin-----	
Marital status-----	
Educational attainment-----	
Place of death and status of decedent-----	
Mortality by month and date of death-----	
Report of autopsy-----	
Cause of death-----	
Maternal deaths-----	Symbols used in tables-----
Infant deaths-----	
Fetal deaths-----	
Perinatal mortality-----	References-----
Figures	
7-A. U.S. Standard Certificate of Death-----	
7-B. U.S. Standard Report of Fetal Death-----	
Text tables	
A. Comparison of percent agreement and ratio of deaths for census or survey record to deaths by race for matching death certificate: 1960 and 1979-85-----	
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-----	
C. 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-----	
D. Period of gestation at which fetal death reporting is required: Each reporting area, 1991-----	

SECTION 7 - TECHNICAL APPENDIX

- E Numbers of deaths and ratios of deaths for selected causes as tabulated by State of occurrence and NCHS, 1991-----
- F. Source for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900-32, and United States, 1900-91-----
- G. Age-adjusted death rates for selected causes by race and sex, unadjusted and adjusted for estimated net census undercount: United States, 1990-----

Population tables

- 7-1. Population of birth- and death-registration States, 1900-1932, and United States, 1900-1991-----
- 7-2. Estimated population of the United States, by 5-year age groups, race, and sex: July 1, 1991-----
- 7-3. Estimated population, by age, for the United States, each division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1991-----
- 7-4. Ratio of census-level resident population to resident population adjusted for estimated net census undercount, by age, sex, and race: April 1, 1990-----

SOURCES OF DATA

Death and fetal-death statistics

Mortality statistics for 1991 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 Commonwealth of the Northern Marianas.

The Virgin Islands were 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 regularly shown 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 have provided NCHS, via the Vital Statistics Cooperative Program (VSCP), computer tapes of data coded according to NCHS specifications. The year in which State-coded demographic data were first transmitted on computer tape to NCHS is shown below for each of the States, New York City, Puerto Rico, and the District of Columbia, all of which now furnish demographic or nonmedical data on tape.

1971
Florida

1977

Alaska
Idaho
Massachusetts
New York City
Ohio
Puerto Rico

SECTION 7 - TECHNICAL APPENDIX

9

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 1991 are based on information obtained directly by NCHS from copies of the original certificates received from the registration offices.

In 1974 States began coding medical (cause-of-death) data on computer tapes according to NCHS specifications. The year in which State-coded medical data were first transmitted to NCHS is shown below for the 31 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 that were added in 1988. In 1991 Delaware, Idaho, Maine, North Dakota, Vermont, and Wyoming contracted with a private company to provide NCHS precoded medical data. Kansas continued to

provide the medical data for Alaska. The remaining 19 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the 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	1991	Arkansas

For 1991 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 sample 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."

Fetal-death data are obtained directly from copies of original reports of fetal deaths received by NCHS except for New York (excluding New York City), which submitted State-coded data in 1991.

For 1991 approximately 26 percent (573,416) of the Nation's death records were multiple cause coded using Mortality Medical Indexing,

Classification, and Retrieval System (MICAR). Arkansas, Florida, Indiana, and Washington implemented MICAR on at least a portion of their in 1991 data. NCHS expanded the use of MICAR to code at least a portion of the records from the following States: Alabama, Connecticut, Hawaii, Kentucky, Missouri, Montana, Nevada, New Mexico, Ohio, Oregon, Rhode Island, South Dakota, Tennessee, Utah, and, West Virginia as well as the District of Columbia and New York City. The remainder of the national file was processed by either NCHS or the State using only the Automated Classification Medical Entities system. (See sections "Automated selection of underlying cause of death" and "Medical items on the death certificate.")

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 principal 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 on 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, respectively (1).

Among the major changes 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.

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 1991 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.

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 1991, this difference amounted to 3,542 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 for 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact place of occurrence, which in most instances was

an urban area. 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 that 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 that 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 (RMSA'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.

Outside the New England States, an MSA has either a city with a population of at least 50,000 or a U.S. 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 New 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 1991, 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 New England, 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.

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 or 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 1991, about 0.6 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 in 1991, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

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

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

Race not stated--For 1991 the number of death records for which race was unknown, not stated, or not classifiable was 5,609 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 in use 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 appendix of the Vital Statistics of the United States for each of those data years.

Quality of race data -- A number of studies have been conducted on the reliability of race reported on the death certificate. These studies compare 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 the 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 ensure unbiased death rates by race.

In one study a sample of approximately 340,000 death certificates was compared with census records for a 4-month period in 1960 (10). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups (table A). In another study 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-85 (11). In this study, entitled the National Longitudinal Mortality Study, 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 NCHS, listed a question about the race of decedents 25 years old and over. The total sample was 18,733 decedents (12). 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 (11) examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 CPS's 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.

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 1991 were obtained from the District of Columbia and all States except 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 1991 mortality data in tables 1-37 and 2-24 are based on deaths to residents of all 48 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 47 States, New York (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. Data for 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 this geographic area for which Hispanic origin was not stated or was unknown. Because New York City accounts for about a third of the deaths to Puerto Ricans, the resulting mortality data may not be comparable with previous years. New Hampshire and Oklahoma were excluded because their death certificates did not have an Hispanic or ancestry item.

Data in tables 2-25 - 2-28 are based on deaths to residents of the same 47 States, New York (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 47 States, New York (excluding New York City), and the District of Columbia for which general mortality data are shown in this report accounted for about 91 percent of the Hispanic population in the United States in 1990. This included about 99 percent of the Mexican population, 63 percent of the Puerto Rican population, 94 percent of the Cuban population, and 83 percent of the "Other Hispanic" population (13). 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."

Connecticut--For deaths occurring in Connecticut in 1991, a number of deaths were erroneously coded. For Mexicans there should have been 7 deaths, not 318 deaths; and for Puerto Ricans, there should have been 371 deaths, not 215 deaths. As a result, the number of deaths for the 47 States, New York (excluding New York City), and the District of Columbia for Mexicans should be about 1 percent less and the number for Puerto Ricans should be about 3 percent more 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. (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 (14). 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 2,116,483 resident deaths 15 years of age and over in 1991, 10,103 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 revisions of the U.S. Standard Certificate of Death (1), this item was added to the certificates of a

large number of States:

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

Mortality data on educational attainment for 1991 (table 1-45) are based on deaths to residents of 44 States, New York State (excluding New York City), 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 data for New York City 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 30 States, New York (excluding New York City), and the District of Columbia whose data were at least 90 percent complete on a place-of-occurrence basis. The 30 States are Alabama, Arizona, California, Colorado, Delaware, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, 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, 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."

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 1991 data were obtained from the following two items appearing on the revised U.S. Standard Certificate of Death (1):

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

Before the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent could be determined if 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 and 1990. 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 for 1980, the coding of 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 5 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 1991, deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-16-2-18, and 3-7.

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

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

These data show the frequency distribution of deaths for the selected causes by day of 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 certificate as to whether an autopsy was performed. For 1991 autopsies were reported on 233,707 death certificates, 10.8 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 from 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 (Shigellosis and amebiasis; 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 6.9 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" (15).

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

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

Tabulation lists--Beginning with data year 1979, the cause-of-death statistics published by NCHS have been classified according to the Ninth Revision of the International Classification of Diseases (ICD-9) (15). 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 in 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 of 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 01-46 are used for the tabulation of nonviolent deaths according to ICD categories 001-799. Rubrics relating to chapter 17 (nature-of-injury causes 47-56) are not used by NCHS for selecting underlying cause of death; rather, preference is given to rubrics E47-E56. The 57th two-digit rubric VO is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics that are the minimum necessary for the national display of mortality data.

Five lists of causes have been developed for tabulation and publication of mortality data in this volume--the Each-Cause List, List of 282 Selected Causes of Death, List of 72 Selected Causes of Death, List of 61 Selected Causes of Infant Death, and List of 34 Selected Causes of Death. These lists were designed to be as comparable as

possible with the NCHS lists more recently used under the Eighth Revision. However, complete comparability could not always be achieved.

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

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

The List of 72 Selected Causes of Death was constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tables published for the United States, and each State, and for 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 (HIV) 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 (15). 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.

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 (16). 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 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 asterisks 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 1991--The rules and instructions used in coding the 1991 mortality medical data remained essentially the same as those used for the 1989 and 1990 data.

Medical certification--The use of a standard classification list, although essential for State, regional, and international comparison, does not ensure strict comparability of the tabulated figures. A high degree of comparability among areas could be attained only if all records of cause of death were reported with equal accuracy and completeness. The medical certification of cause of death can be made only by a qualified person, usually a physician, a medical examiner, or a coroner. Therefore, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the ability of the certifier to make the proper diagnosis and by the care with which he or she records this information on the death certificate.

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been for relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (17), 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 1991 as well as in 1990, 1.1 percent of all reported deaths in the United States, a record low, were assigned to this category. 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; and for 10-year age groups from 15 to 44 years since 1988. Between 1990 and 1991, the percent increased for all age groups, except for those 15-44 years and 55-64 years.

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 causes (multiple causes) on the death certificate. This system is called Automated Classification of Medical Entities (ACME) (18), the multiple cause codes serve as inputs to the computer software that employs WHO rules to select the underlying cause. Many States also have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form.

Beginning with data year 1990, another computer system was implemented. This system, called "Mortality Medical Indexing, Classification, and Retrieval" (MICAR) (19,20), automates the coding of the multiple causes of death. The MICAR system is a major and logical step forward 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 death certificates than is available in the ICD classification (21). In the first year of implementation, only about 5 percent (94,372) of the Nation's death records were multiple cause coded using MICAR with subsequent processing through ACME. For 1991 approximately 26 percent (573,416) of the Nation's deaths were coded using MICAR. (See "Death and fetal-death statistics" and "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 (18,22,23).

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.

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 to the category "Complications of pregnancy, childbirth, and the puerperium" (ICDA-8 Nos. 630-678). Although WHO did not define maternal mortality, an NCHS classification rule existed 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 and classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

Maternal mortality rates are computed on the basis of the number of live births. The maternal mortality rate indicates the likelihood of 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 1989-91 and previous years; see "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths" in the Technical Appendix from Vital Statistics of the United States, 1990.

Infant deaths

Age--Infant death is defined as a death under 1 year of age. The term excludes fetal deaths. Infant deaths usually are 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 (24,25). 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 (26,27).

In contrast to infant mortality rates based on live births, infant death rates shown in section 1 are based on the estimated population under 1 year of age. Infant death rates, which appear in tabulations of age-specific death rates, are calculated by dividing the number of infant deaths in a calendar year by the estimated midyear population of persons under 1 year of age and are presented as rates per 100,000 population in this age group. Patterns and trends in the infant death rate may differ somewhat from those of the more commonly used "infant mortality rate," mainly because of differences in the nature of the denominator and in the time reference. 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 (27).

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. As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. Because live births comprise the denominator of infant and maternal mortality rates, this change resulted in a discontinuity in rates for 1989-91 data and in rates for previous years. For fetal and perinatal mortality rates, the numerator and the denominator of the rates are affected, resulting in a slightly smaller discontinuity. For additional information, see the Technical Appendix from Vital Statistics of the United States, 1990.

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 (28).

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 the race for 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 (28).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth cohorts based on the newly available linked birth and infant death data set (29,30) 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 occurring 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 (see section "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 47 States, New York (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 1991 was 1.6 percent and the percent of live births of unknown origin was 0.8 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 populations (especially Puerto Ricans) and non-Hispanic populations for 1991. Because the percent unknown origin for all ages for New York City was about 21 percent on a place-of-occurrence basis, infant mortality data for New York City were excluded from tables 2-22-2-25. The percent unknown origin on a place-of-residence basis for infant deaths for New York City for 1991 was about 30 percent (about 5 percent for live births). Also, because New York City accounted for about 31 percent of the live births to Puerto Ricans in the United States in 1991, excluding the data for New York City may have an impact on infant mortality rates for the Hispanic population, especially for Puerto Ricans. The effect of including and excluding infant deaths and live births for New York City on the infant mortality rates for the total area for 1990 are shown in table C of the Technical Appendix from Vital Statistics of the United States, 1990. The effect for 1991 would be similar.

In addition, as discussed above for specified races, period infant

mortality rates for specific Hispanic-origin groups tend to be underestimated when compared with rates based on the national linked birth and infant death data set as shown in table C. Comparisons also are affected by the approximate 2 percent of infant death records that are not linked to the corresponding birth records.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986-87 with data for 1991, because the area for Hispanic data has expanded from 18 States and the District of Columbia in 1986-87 to 47 States, New York (excluding New York City), and the District of Columbia in 1991. 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 "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.")

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 (31).

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 (32). Puerto Rico has no formal definition.

As another step toward increasing 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.

The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (33) 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 D shows the minimum period of gestation required by each State to report fetal death in 1991. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (34,35).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State (34). Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring under 20 weeks of gestation are less completely reported; for States requiring reporting of fetal deaths of 20 weeks of gestation or more, fetal deaths occurring at 20-23 weeks of gestation are less completely reported. Thus, 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 of gestation or more 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 1991 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. Because of State changes concerning fetal-death registration in 1981 and 1984 (see Technical Appendix from Vital Statistics of the United States, 1990), the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981-83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984-91. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Colorado--Although Colorado State law requires reporting fetal deaths of all periods of gestation, beginning in 1989 the State provides to NCHS only 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 fetal mortality rates for Maryland for 1989 relative to contiguous years shown in table 3-5.

New York City--As a result of local efforts to improve reporting, a combined total of 10,470 additional 1990 and 1991 fetal-death records were sent from New York City hospitals after the data files had been processed and tabulated. Most of these records are for fetal deaths under 20 weeks of gestation or not-stated gestation. The values in the tables, particularly table 3-1, that show fetal deaths for all periods of gestation exclude the additional deaths.

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.

The tabulation of items in the fetal-death section is limited to those States whose reporting is sufficiently complete. For fetal deaths before data year 1991, data were published when a State had a response for the item on at least 20 percent of the records. Beginning in data year 1991, tabulations of prenatal care and educational attainment include only those States with a response for that specific item on at least 80 percent of the fetal-death records. For the other tables in the fetal-death section, item completion is high and no reporting criterion is used to exclude States.

Period of gestation-- The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of delivery. The first day of the LMP is used as the initial date because it can be more accurately determined than the date of conception, which usually occurs 2 weeks after LMP. Data on period of gestation are computed from information on "date of delivery" and "date last normal menses began." If "date last normal menses began" is not on the record or if the calculated gestation falls beyond a duration considered biologically plausible, the "Physician's estimate of gestation" is used.

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (36). 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 in 1991, and all areas except California, Louisiana, Maryland, and Oklahoma reported physician's estimate of gestation.

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.

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. When the race of the mother is unknown, the mother is assigned 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.

The change in tabulation of race has resulted in a discontinuity in fetal mortality rates by race for data years 1989-91 relative to previous years; see "Change in tabulation of race data 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 1991 were obtained from 45 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, New Hampshire, and Oklahoma.

For 1991 fetal and perinatal mortality data in table 3-18 and 4-6 are for 45 States and the District of Columbia and tables 3-19 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, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, 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 83 percent of the Hispanic population in 1990, including 96 percent of the Mexican population, 45 percent of the Puerto Rican population, 88 percent of the Cuban population, and 71 percent of the "Other Hispanic" population (13). 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 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 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.

Although all registration areas use the two standard items pertaining to number of previous live births, registration areas phrase the item 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 mortality 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), and Texas. Because live births comprise the denominator of the rate, marital status must be reported for mothers of live births also. 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-death 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-death reports with stated marital status that fall into each category for the reporting States. Before 1989 fetal-death 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 through 1991 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).

Sex of fetus--Beginning with data for 1989, for all fetal deaths of 20 weeks of gestation or more, 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 were erroneously converted to a plurality of 1 (single birth) and included in United States totals. Beginning with 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 under 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks' gestation or more and infant deaths under 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks' gestation or more and infant deaths under 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.

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 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 tabulation of race data 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 requiring 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 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 deaths 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.

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 because of a processing error.

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 as shown in table E. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1991 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 1991 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 1991 was 0.25 percent.

These verification procedures involve controlling for two types of error (coding and entering into the data record tape) at the same time, and the error rates are a combined measure of both types. It may be assumed that the entering errors are randomly distributed across all items on the record, but this assumption cannot be made as readily for coding errors. Although systematic errors in coding infrequent events may escape detection during sample verification, it is probable 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 also are subject to quality control procedures to control for errors of both coding and data entry. Each of the 31 registration areas that furnished NCHS with coded medical information in 1991 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 31 reporting States, the average coding error rate in 1991 was estimated at just over 4 percent.

For the remaining 19 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 and 1991 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 1991 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 (37). 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.

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 1900-91 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table F lists the sources for these populations.

Population for 1991--The population of the United States estimated by age, race, and sex for 1991 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. The 1991 estimates are comparable with those for 1990.

Population for 1990--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 (38). 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 (for example, Mexican and 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 or Pacific Islander) based on their response 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.

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 or 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. Thus, allocation proportions were established at the State level and were used to distribute the non-Hispanic persons of "Other" race in the 100-percent tabulations.

In 1990 the race modification procedure was implemented 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 group 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 to 1979 minus year of birth.

In 1990 quarter year of birth was not reported on the census form, so 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 date. 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 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 for the elimination of spurious year-of-birth reports in the census data before modification occurred.

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 (38,39). They are, therefore, not comparable with death rates published in Vital Statistics of the United States 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.

Populations 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. 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 (40). 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-5, Number 519. The data shown in table 1-10 for 1961-69 have not been revised.

Rates and ratios based on live births--Infant and maternal mortality rates and fetal-death and perinatal mortality ratios are computed on the basis of the number of live births. Fetal-death and perinatal mortality rates are computed on the basis of the number of live births and fetal deaths. Counts of live births are published annually in Vital Statistics of the United States, Volume I, Natality.

New Jersey--As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 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 (38). 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 (41). 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 (42-45). 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 rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1991 can be computed by multiplying the reported rates by ratios of the census-level resident population to the resident population adjusted for the estimated net census undercount (table 7-4). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0--indicating a net census overcount--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 G). For Diseases of the heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.2 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate 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 others. 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 are used to compare relative mortality risk across groups and over time. However, they should be viewed as constructs or indexes rather than as direct or actual measures of mortality risk. Statistically, they are weighted averages of the age-specific death rates, where the weights represent the fixed population proportions by age (46). The age-adjusted death rates presented in this volume were computed by the direct method, that is, by applying age-specific death rates for a given cause of death to the U.S. standard million population (relative age distribution of 1940 enumerated population of the United States totaling 1,000,000 (25)). By using the same standard population, the rates for the total population and for each race-sex group were adjusted separately. It is important not to compare age-adjusted death rates with crude rates. The U.S. standard million population is as follows:

<u>Age</u>	<u>Number</u>
All ages.....	1,000,000
Under 1 year.....	15,343
1-4 years.....	64,718
5-14 years.....	170,355
15-24 years.....	181,677
25-34 years.....	162,066
35-44 years.....	139,237
45-54 years.....	117,811
55-64 years.....	80,294
65-74 years.....	48,426
75-84 years.....	17,303
85 years and over.....	2,770

Life tables

U.S. abridged life tables are constructed by reference to a standard table (47). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-91 abridged life tables. Life table values for 1981-89 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 (48).

<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.

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 (49). 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 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)-----	*

REFERENCES

1. Tolson GC, Barnes JM, Gay GA, Kowaleski JL. The 1989 revision of the U.S. standard certificates and reports. National Center for Health Statistics. Vital Health Stat 4(28). 1991.
2. National Center for Health Statistics. Vital statistics, classification and coding instructions for fetal death records, 1991. NCHS instruction manual; part 3b. Hyattsville, Maryland: Public Health Service. Published annually.
3. National Center for Health Statistics. Vital statistics, demographic classification and coding instructions for death records, 1991. NCHS instruction manual; part 4. Hyattsville, Maryland: Public Health Service. Published annually.
4. McCarthy MA. Comparison of the classification of place of residence on death certificates and matching census records: United States, May-August 1960. National Center for Health Statistics. Vital and Health Stat 2(30). 1969.
5. National Vital Statistics Division. Matched record comparison of birth certificate and census information, United States, 1950. Vital Statistics-Special reports; vol 47 no 12. Washington: Public Health 1962.
6. National Center for Health Statistics. Vital statistics, vital records geographic classification, 1982. NCHS instruction manual; part 8. Hyattsville, Maryland: Public healthh Service. 1985.
7. U.S. Bureau of the Census. Population of metropolitan areas and component geography: 1990 and 1980 (6-30-90 definitions). 1990 CPH-L-10. Washington: U.S. Department of Commerce. 1991.
8. U.S. Department of Commerce. Metropolitan statistical areas classification. Federal Register; vol 45 no 2. Washington: U.S. Government Printing Office, 956-62. 1980.
9. U.S. Office of Management and Budget. Standard metropolitan statistical areas, rev. ed Washington: U.S. Government Printing Office, 89-90. 1975.
10. Hambright TZ. Comparability of marital status, race, nativity, and country of origin on the death certificate and matching census record: United States, May-August 1960. National Center for Health Statistics. Vital Health Stat 2(34). 1969.
11. Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. Epidemiology 3:(2):181-4. 1992.
12. Poe GS, Powell-Griner E, McLaughlin JK, et al. Comparability of the death certificate and the 1986 national mortality followback survey. National Center for Health Statistics. Vital Health Stat 2(118). 1993.
13. U.S. Bureau of the Census. Unpublished data from the 1990 census for persons of Spanish origin by State.
14. Klebba AJ. Mortality from selected causes by marital status: United States, parts A and B. National Center for Health Statistics. Vital Health Stat 20(8a) and 20(8b). 1970.
15. World Health Organization. Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, based on the recommendations of the Ninth Revision Conference, 1975. Geneva: World Health Organization, 1977.

16. National Center for Health Statistics. Estimates of selected comparability ratios based on dual coding of 1976 death certificates by the Eighth and Ninth Revisions of the International Classification of Diseases. Monthly vital statistics report; vol 28 no 11, Suppl. Hyattsville, Maryland: Public Health Service. 1980.
17. Gittelsohn A, Royston PN. Annotated bibliography of cause-of-death validation studies, 1958-80. National Center for Health Statistics. Vital Health Stat 2(89). 1982.
18. National Center for Health Statistics. Vital statistics, ICD-9 ACME decision tables for classifying underlying causes of death, 1991. NCHS instruction manual; part 2c. Hyattsville, Maryland: Public Health Service. Published annually.
19. National Center for Health Statistics. Vital statistics, data entry instructions for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2g. Hyattsville, Maryland: Public Health Service. Published annually.
20. National Center for Health Statistics. Vital statistics, dictionary of valid terms for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2h. Hyattsville, Maryland: Public Health Service. Published annually.
21. Harris KW, Rosenberg HM, Kochanek KD, et al. Evaluation of an automated multiple causes of death coding system, paper presented at the annual meeting of the Am Stat Assoc, August 1993.
22. National Center for Health Statistics. Instructions for classifying multiple causes of death, 1991. NCHS instruction manual; part 2b. Hyattsville, Maryland: Public Health Service. Published annually.
23. National Center for Health Statistics. Nonindexed terms, standard abbreviations, and state geographic codes used in mortality data classification, 1991. NCHS instruction manual; part 2e. Hyattsville, Maryland: Public Health Service. Published annually.
24. Guralnick L, Winter ED. A note on cohort infant mortality rates. Public Health Rep 80:692-4. 1965.
25. Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940-60. National Center for Health Statistics. Washington: Public Health Service. 1968.
26. McCarthy B, Terry J, RoCHAT R et. al. The underregistration of neonatal deaths: Georgia 1974-77. Am J Public Health 70:977-82. 1980.
27. Linder FE, Grove RD. Vital statistics rates in the United States, 1900-40. Washington: National Office of Vital Statistics. 1947.
28. Frost F, Shy KK. Racial differences between linked birth and infant death records in Washington State. Am J Public Health 70:974-6. 1980.
29. Prager K, Flinchum GA, Johnson DP. The NCHS pilot project to link birth and infant death records: Stage 1. Public Health Rep 102:216-23. 1987.

30. National Center for Health Statistics. Public use data tape documentation. Linked birth/infant death data set: 1983-87 birth cohort. Hyattsville, Maryland: Public Health Service. 1989, 1990, 1991, and 1992.
31. National Office of Vital Statistics. International Recommendations on Definitions of Live Birth and Fetal Death. Public Health Service. Washington: 1950.
32. National Center for Health Statistics. State definitions and reporting requirements for live births, fetal deaths, and induced terminations of pregnancy. Washington: Public Health Service. 1981.
33. National Center for Health Statistics. Model State Vital Statistics Act and Model State Vital Statistics Regulations. Washington: Public Health Service. 1978.
34. Greb AE, Pauli RM, Kirby RS. Accuracy of fetal death reports: Comparison with data from an independent stillbirth assessment program. Am J Public Health 77:1202-6. 1987.
35. Goldhaber MK. Fetal death ratios in a prospective study compared to state fetal death certificate reporting. Am J Public Health 79:(9):1268-70. 1989.
36. National Center for Health Statistics. Editing specifications for fetal death records. Unpublished manuscript. Hyattsville, Maryland: Public Health Service. 1991.
37. National Center for Health Statistics. Vital statistics, computer edits for mortality data, effective 1989. NCHS instruction manual; part 11. Hyattsville, Maryland: Public Health Service. 1989.
38. U.S. Bureau of the Census. U.S. population estimates, by age, sex, race, and Hispanic origin: 1980-91. Current population reports; series P-25, no 1095. Washington: U.S. Department of Commerce. 1993.
39. U.S. Bureau of the Census. Age, sex, race, and Hispanic origin information from the 1990 census: A comparison of census results with results where age and race have been modified. 1990 CPH-I-74. Washington: U.S. Department of Commerce. 1991.
40. U.S. Bureau of the Census. Coverage of the national population in the 1980 census by age, sex, and race. Preliminary estimates by demographic analysis. Current population reports; series P-23, no 115. Washington: U.S. Department of Commerce. 1982.
41. Hambright TZ. Comparability of age on the death certificate and matching census records; United States, May-August 1960. National Center for Health Statistics. Vital Health Stat 2(29). 1968.
42. U.S. Bureau of the Census. Estimates of coverage of the population by sex, race, and age--demographic analysis: 1970 census of population and housing. PHC(E)-4. Washington: U.S. Department of Commerce. 1974.
43. U.S. Bureau of the Census. Developmental estimates of the coverage of the population of States in the 1970 census--demographic analysis. Current population reports; series P-23, no 65. Washington: U.S. Department of Commerce. 1977.

44. Passel JS, Robinson JG. Revised demographic estimates of the coverage of the population by age, sex, and race in the 1980 Census. Unpublished memorandum, U.S. Bureau of the Census: Washington. U.S. Department of Commerce. 1985.
45. U.S. Bureau of the Census. Estimates of population of the United States by age, sex, and race: 1980 to 1985. Current population reports; series P-25, no 985. Washington: U.S. Department of Commerce. 1986.
46. Feinleib M, Zarate AO, eds. Reconsidering age adjustment procedures: Workshop proceedings. National Center for Health Statistics. Vital Health Stat 4(29). 1992.
47. Sirken MG. Comparison of two methods of constructing abridged life tables by reference to a "standard" table. National Center for Health Statistics. Vital Health Stat 2(4). 1966.
48. Greville TNE, Carlson GA. Estimated average length of life in the death-registration States. Vital statistics--Special reports. vol 33 no 9. National Center for Health Statistics. Washington: Public Health Service. 1961.
49. Chiang CL. Standard error of the age-adjusted death rate. Vital Statistics--Special Reports. vol 47 No 9. National Center for Health Statistics. Washington: Public Health Service. 1961.

Table A. Comparison of percent agreement and ratio of deaths for census or survey record to deaths by race for matching death certificate: 1960 and 1979-85

Race	Census		NLMS ¹	
	Percent agreement	Ratio Census/ death certificate	Percent agreement	Ratio NLMS/ death certificate
White.....	99.8	1.00	99.2	1.00
Black.....	98.2	1.00	98.2	1.00
American Indian....	79.2	1.12	73.6	1.22
Asian.....	---	...	82.4	1.12
Japanese.....	97.0	1.04	...	...
Chinese.....	90.3	1.07	...	...
Filipino.....	72.6	1.28	...	...

¹ NLMS is defined as National Longitudinal Mortality Study.

Sources: Hambright TZ. Comparability of marital status, race, nativity, and country of origin on the death certificate and matching census record: U.S., May-August 1960. National Center for Health Statistics. Vital Health Stat 2(34). 1969; Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. Epidemiology 3(2):181-4. 1992.

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 group]

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.

Table C. 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 ¹	9.1	8.3	0.91
Non-Hispanic total ²	9.9	9.9	1.00
Non-Hispanic White	8.3	8.2	0.99
Non-Hispanic Black	17.5	17.7	1.01

¹Includes Central and South American, and Other and unknown Hispanic.

²Includes races other than white and black.

SECTION 7 - TECHNICAL APPENDIX

53

Table D. Period of gestation at which fetal-death reporting is required: Each reporting area, 1991

Area	All period of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Alabama				X					
Alaska				X					
Arizona				X ¹					
Arkansas		X ²							
California				X					
Colorado		X ²							
Connecticut				X					
Delaware				X					
District of Columbia								X	
Florida				X					
Georgia		X							
Hawaii		X							
Idaho					X				
Illinois				X					
Indiana				X					
Iowa				X					
Kansas									X
Kentucky					X				
Louisiana					X				
Maine		X ²							
Maryland				X ³					
Massachusetts					X				
Michigan						X			
Minnesota				X					
Mississippi					X				
Missouri					X				
Montana				X					
Nebraska				X					
Nevada				X					
New Hampshire					X				
New Jersey				X					
New Mexico									X
New York									
New York excluding NYC		X							
New York City		X							
North Carolina				X					
North Dakota				X					
Ohio				X					
Oklahoma				X					
Oregon				X ⁴					
Pennsylvania			X						
Rhode Island		X							
South Carolina					X				
South Dakota									X
Tennessee									X ⁵
Texas				X					
Utah				X					
Vermont				X ⁶					
Virginia		X							
Washington				X					
West Virginia				X					
Wisconsin					X				
Wyoming				X					
Puerto Rico									X
Virgin Islands		X							
Guam				X					

1. If gestational age is unknown, weight of 350 grams or more.

2. Although state law requires the reporting of fetal deaths of all periods of gestation, only data for Fetal deaths of 20 weeks of gestation or more are provided to NCHS.

3. If gestational age is unknown, weight of 500 grams or more.

4. If gestational age is unknown, weight of 400 grams or more, or crown-heel of 28 centimeters or more.

5. If weight is unknown, 22 completed weeks' gestation or more.

6. If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

SECTION 7 - TECHNICAL APPENDIX

Table E. Numbers of deaths and ratios of deaths for selected causes as tabulated by State of occurrence and NCHS, 1991
 [Data by place of occurrence include deaths of nonresidents. Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Causes	Ratio			Ratio			Ratio			New Jersey	NCHS	Ratio NJ/NCHS
	Alabama	NCHS	AL/NCHS	Alaska	NCHS	AK/NCHS	Hawaii	NCHS	HI/NCHS			
All causes.....	39,753	39,753	1.00	2,212	2,201	1.00	7,042	7,035	1.00	68,615	68,795	1.00
Symptoms, signs, and ill-defined conditions.....780-799	879	1,034	0.85	45	62	0.73	45	158	0.28	276	958	0.29
Accidents and adverse effects.....E800-E949	2,210	2,215	1.00	380	387	0.98	296	298	0.99	1,957	1,921	1.02
Motor vehicle accidents.....E810-E825	1,243	1,216	1.02	128	105	1.22	148	147	1.01	830	808	1.03
All other accidents and adverse effects.....E800-E807,E826-E949	967	999	0.97	252	282	0.89	148	151	0.98	1,114	1,113	1.00
Suicide.....E950-E959	571	534	1.07	108	74	1.46	129	110	1.17	572	498	1.15
Homicide and legal intervention.....E960-E978	603	580	1.04	53	45	1.18	50	48	1.04	431	404	1.07
All other external causes.....E980-E999	41	44	0.93	5	5	1.00	35	15	2.33	144	31	4.65

SECTION 7 - TECHNICAL APPENDIX

Table F. Source for resident population and population including Armed Forces abroad:
 Birth- and death-registration States, 1900-32, and United States, 1900-91

Year	Source
1991.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1095, 1993.
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> , Series 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</u> , PC80-1A1, United States Summary, 1983.
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</u> , Final Report PC(1)-A1, United States Summary, 1971.
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</u> , PC (1)-A1, United States Summary, 1964.
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</u> , 1947.
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States, 1900-1940</u> , 1947.
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

SECTION 7 - TECHNICAL APPENDIX

Table G. 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. Age-adjusted death rates per 100,000 U.S. standard million population. Numbers after causes of death are numbers of the Ninth Revision International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044. See section "Cause of Death"]

Race, sex, and adjustment for net census undercount	All causes	Human	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	Diabetes mellitus (250)	Diseases of heart (390-398,402 404-429)	Cerebrovascular diseases (430-438)	Homicide and legal intervention (E960-E978)
		immunodeficiency virus infection (*042-*044)					
All Races, Both Sexes							
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
Male							
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
Female							
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
White, Both Sexes							
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
Male							
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
Female							
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
Black, Both Sexes							
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
Male							
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
Female							
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**

TYPE/PRINT
IN
PERMANENT
BLACK INK
FOR
INSTRUCTIONS
SEE OTHER SIDE
AND HANDBOOK.

LOCAL FILE NUMBER

STATE FILE NUMBER

NAME OF DECEDENT:
For use by physician or institution

SEE DEFINITION
ON OTHER SIDE

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

SEE INSTRUCTIONS
ON OTHER SIDE

SEE DEFINITION
ON OTHER SIDE

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 Day	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"/> DDA			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 list.							Approximate interval between Onset and Death
IMMEDIATE CAUSE (Final disease or condition resulting in death)							}
a. DUE TO (OR AS A CONSEQUENCE OF)							
b. DUE TO (OR AS A CONSEQUENCE OF)							
c. 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							
d. DUE TO (OR AS A CONSEQUENCE OF)							
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"/> 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)					
31a. CERTIFIER (Check only one) <input type="checkbox"/> CERTIFYING PHYSICIAN (Physician certifying no 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)	

INSTRUCTIONS FOR SELECTED ITEMS

Item 9.— Place of Death

If the death was pronounced in a hospital, check the box indicating the decedent's status at the institution (inpatient, emergency room/outpatient, or dead on arrival (DOA)). If death was pronounced elsewhere, check the box indicating whether pronouncement occurred at a nursing home, residence, or other location. If other is checked, specify where death was legally pronounced, such as a physician's office, the place where the accident occurred, or at work.

Items 13-a-f. — Residence of Decedent

Residence of the decedent is the place where he or she actually resided. This is not necessarily the same as "home State" or "legal residence." Never enter a temporary residence such as one used during a visit, business trip, or a vacation. Place of residence during a tour of military duty or during attendance at college is not considered as temporary and should be considered as the place of residence.

If a decedent had been living in a facility where an individual usually resides for a long period of time, such as a group home, mental institution, nursing home, penitentiary, or hospital for the chronically ill, report the location of that facility in items 13a through 13f.

If the decedent was an infant who never resided at home, the place of residence is that of the parent(s) or legal guardian. Do not use an acute care hospital's location as the place of residence for any infant.

Items 23 and 31 — Medical Certification

The PRONOUNCING PHYSICIAN is the person who determines that the decedent is legally dead but who was not in charge of the patient's care for the illness or condition which resulted in death. Items 23a through 23c are to be completed only when the physician responsible for completing the medical certification of cause of death (Item 27) is not available at time of death to certify cause of death. The pronouncing physician is responsible for completing only items 23 through 26.

The CERTIFYING PHYSICIAN is the person who determines the cause of death (Item 27). This box should be checked only in those cases when the person who is completing the medical certification of cause of death is not the person who pronounced death (Item 23). The certifying physician is responsible for completing items 27 through 32.

The PRONOUNCING AND CERTIFYING PHYSICIAN box should be checked when the same person is responsible for completing items 24 through 32, that is, when the same physician has both pronounced death and certified the cause of death. If this box is checked, items 23a through 23c should be left blank.

The MEDICAL EXAMINER/CORONER box should be checked when investigation is required by the Post Mortem Examination Act and the cause of death is completed by a medical examiner or coroner. The Medical Examiner/Coroner is responsible for completing items 24 through 32.

Item 27. — Cause of Death

The cause of death means the disease, abnormality, injury, or poisoning that caused the death, not the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure.

In Part I, the immediate cause of death is reported on line (a). Antecedent conditions, if any, which gave rise to the cause are reported on lines (b), (c), and (d). The underlying cause should be reported on the last line used in Part I. No entry is necessary on lines (b), (c), and (d) if the immediate cause of death on line (a) describes completely the train of events. **ONLY ONE CAUSE SHOULD BE ENTERED ON A LINE.** Additional lines may be added if necessary. Provide the best estimate of the interval between the onset of each condition and death. Do not leave the interval blank, if unknown, so specify.

In Part II, enter other important diseases or conditions that may have contributed to death but did not result in the underlying cause of death given in Part I.

See examples below.

SEE INSTRUCTIONS ON OTHER SIDE	27 PART I Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line. IMMEDIATE CAUSE (Final disease or condition resulting in death) → a	Rupture of myocardium DUE TO IOR AS A CONSEQUENCE OF:	Approximate Interval Between Onset and Death Mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST.	b Acute myocardial infarction DUE TO IOR AS A CONSEQUENCE OF:	6 days		
		c Chronic ischemic heart disease DUE TO IOR AS A CONSEQUENCE OF:	5 years		
CAUSE OF DEATH	PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I. Diabetes, Chronic obstructive pulmonary disease, smoking		28a WAS AN AUTOPSY PERFORMED? (Yes or no) Yes	28b WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) Yes	
29. MANNER OF DEATH <input checked="" type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> 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) Street	30f. LOCATION (Street and Number or Rural Route Number, City or Town, State) Route 4, Raleigh, North Carolina		

SEE INSTRUCTIONS ON OTHER SIDE	27 PART I Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line. IMMEDIATE CAUSE (Final disease or condition resulting in death) → a	Cerebral laceration DUE TO IOR AS A CONSEQUENCE OF:	Approximate Interval Between Onset and Death 10 mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST.	b Open skull fracture DUE TO IOR AS A CONSEQUENCE OF:	10 mins.		
		c Automobile accident DUE TO IOR AS A CONSEQUENCE OF:	10 mins.		
CAUSE OF DEATH	PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I.		28a WAS AN AUTOPSY PERFORMED? (Yes or no) No	28b WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no) No	
29. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input checked="" type="checkbox"/> Accident <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Suicide <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month, Day, Year) 11/15/85	30b. TIME OF INJURY 1 p. M	30c. INJURY AT WORK? (Yes or no) No	30d. DESCRIBE HOW INJURY OCCURRED 2-car collision—driver
		30e. PLACE OF INJURY —At home, farm, street, factory, office, building, etc. (Specify) Street	30f. LOCATION (Street and Number or Rural Route Number, City or Town, State) Route 4, Raleigh, North Carolina		

