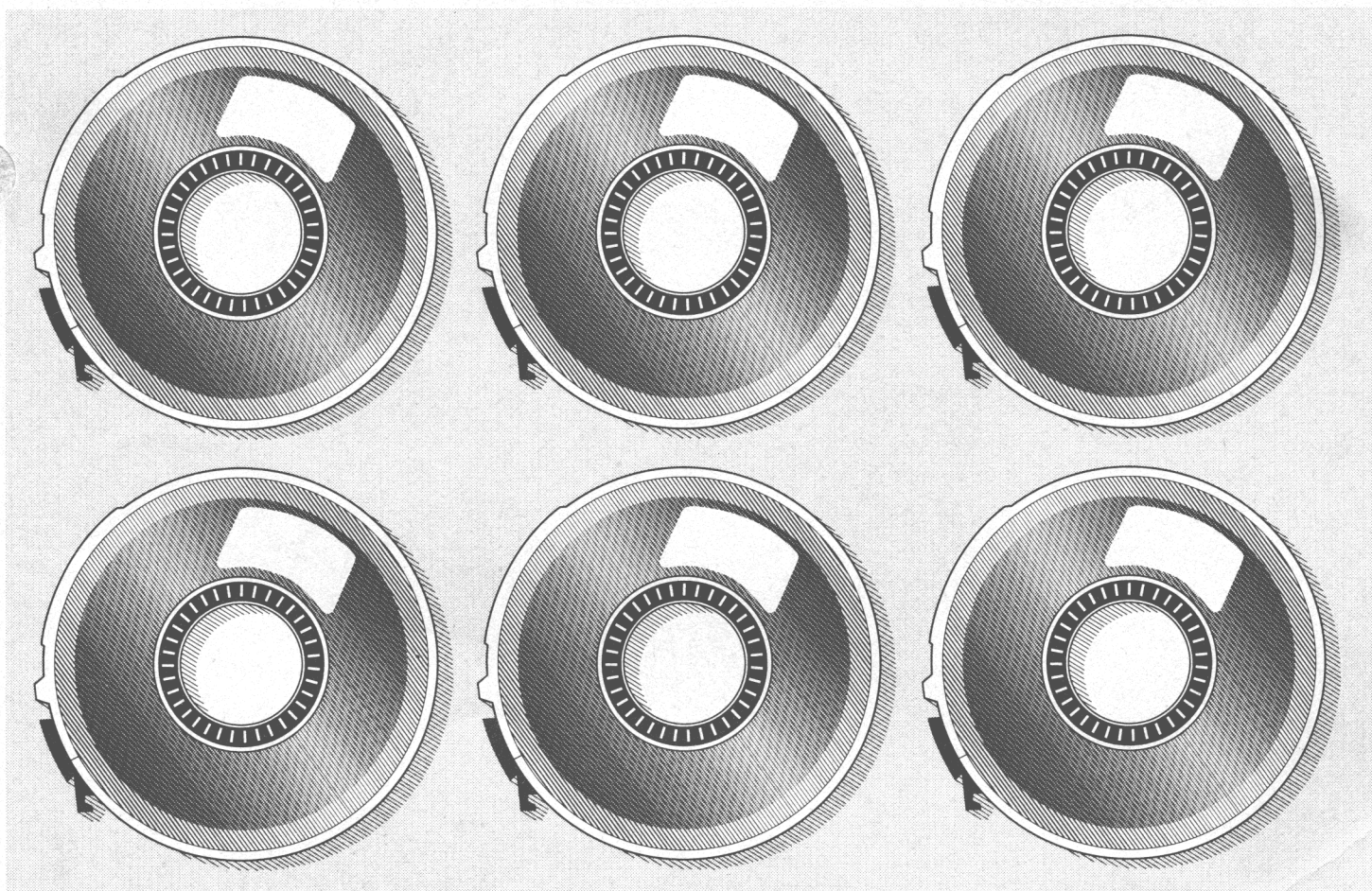

Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1989 Data

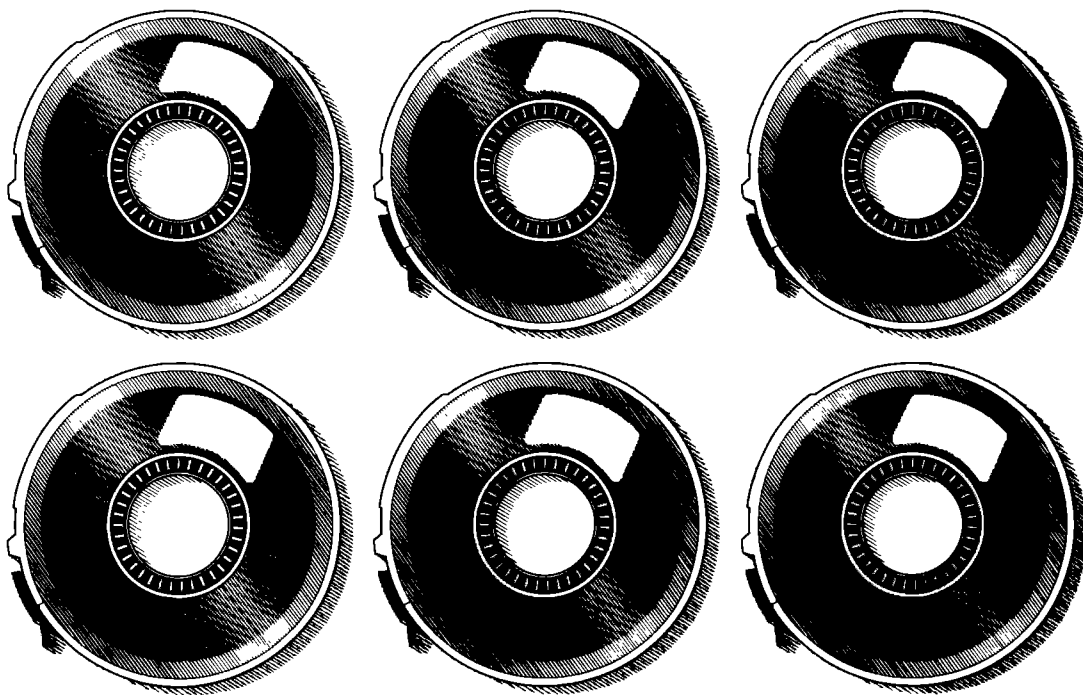


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Center for Health Statistics



Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1989 Data



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Public Health Service
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National Center for Health Statistics

Hyattsville, Maryland
September 1992

1988 HIV DEATHS IN GEORGIA

Public-use data tapes

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

Place of Occurrence

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

Place of Occurrence

County	999
FIPS County	999

Place of Residence

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

Place of Residence

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

These changes will affect deaths from HIV infection and may affect deaths from other causes of death by county, city, and SMSA of residence and by county of occurrence for Georgia for data year 1988.

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

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

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SYMBOLS USED IN TABLES

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

Documentation of the Multiple Cause-of-Death Public-Use File for 1989 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 1989. 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 1989 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.

NCHS has adopted a new policy on release of vital statistics unit record data files. This new policy is being implemented for the 1989 vital event files to prevent the inadvertent disclosure of individuals and institutions. As a result, this file does not contain the actual day of the death or the date of birth of the decedent. The geographic detail is also restricted; only counties, cities, and SMSA's of 100,000 or more population based on the 1980 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 1989 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,153,859
Record Length:	440
Blocksize:	26400
Data Counts:	a. By occurrence: 2,153,859
	b. By residence: 2,150,466
	c. To foreign residents: 3,393

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

III. Tape Format and Variable Definition

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

- A. Manual of the International Statistical Classification of Diseases, Injuries, and the Cause-of-Death, Ninth Revision (ICD-9) Volumes 1 and 2.
- B. NCHS Instruction Manual Data Preparation Part 2a, Vital Statistics Instructions for Classifying the Underlying Cause-of-Death, 1989.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1989.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1989.
- 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, 1982-89.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1989.
- H. NCHS Instruction Manual Tabulation, Part 11, Vital Statistics Computer Edits for Mortality Data, Effective 1979.

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

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

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

IV. Multiple Cause Data

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

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

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

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

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

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

A. Entity Axis Codes

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

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

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

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

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

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

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

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

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

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

B. Record Axis Codes

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

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

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

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

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

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

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

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

V. Additional Information

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

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

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

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

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

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

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

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

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

When further analytical assistance is needed, contact the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, Maryland 20782, Telephone FTS 436-8884 Commercial (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 116, P.O.Box 12214, Research Triangle Park, North Carolina 27709 Telephone FTS 629-0999 Commercial (919) 541-0999.

VI. List of Data Elements and Tape Locations

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

VI. List of Data Elements and Tape Locations

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

1989
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> 89 ... 1989
3	1	<u>Reporting Area</u> The following codes used with the State of Occurrence codes, locations 21-22, identify separate reporting areas. 1 ... Bronx borough, Bronx county 2 ... Brooklyn borough, Kings county 3 ... Manhattan borough, New York county 4 ... Queens borough, Queens county 5 ... Staten Island borough, Richmond county 6 ... Chicago 0 ... All other areas
4-9	6	<u>Certificate Number</u> These positions are blank.
10-11	2	<u>Shipment Number</u> 01-nn ... Shipments from each reporting area are numbered consecutively.
12-18	7	<u>Sequence Number</u> These positions are blank.
19	1	<u>Record Type</u> 1 ... RESIDENTS State and County of Occurrence and Residence are the same. 2 ... NONRESIDENTS State and/or County of Occurrence and Residence are different. 9 ... UNKNOWN See statement concerning HIV deaths in Georgia.
20	1	<u>Resident Status</u> 1 ... RESIDENTS State and County of Occurrence and Residence are the same. 2 ... INTRASTATE NONRESIDENTS State of Occurrence and Residence are the same, but County is different. 3 ... INTERSTATE NONRESIDENTS State of Occurrence and Residence are different, but both are in the U.S. 4 ... FOREIGN RESIDENTS State of Occurrence is one of the 50 States or the District of Columbia, but Place of Residence is outside of the U.S. 9 ... UNKNOWN See statement concerning HIV deaths in Georgia.

1989
Mortality Multiple Cause-of-Death Record

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

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

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

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

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

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

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

1989
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

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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

1989
Mortality Multiple Cause-of-Death Record

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

31-48	18	<u>PLACE OF RESIDENCE</u>
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Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.

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

1989
Mortality Multiple Cause-of-Death Record

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

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

1989
Mortality Multiple Cause-of-Death Record

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

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

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

1989
Mortality Multiple Cause-of-Death Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
46-48	3	<p><u>NCHS Standard Metropolitan Statistical Area (SMSA) of Residence</u></p> <p>Standard Metropolitan Statistical Areas are those established by the U.S. Office of Management and Budget (OMB) using final 1980 Census population counts. For New England, the New England County Metropolitan Areas (NECMA) are used.</p> <p>Further back in this document is a list of SMSA's and their component counties.</p> <p>000 ... Nonmetropolitan counties 001-305 ... The 305 SMSA's established for 1980 ZZZ ... Foreign residents 999 ... SMSA of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).</p>
49	1	<p><u>Population Size of County of Occurrence</u></p> <p>Based on the results of the 1980 Census</p> <p>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</p>
50	1	<p><u>Population Size of County of Residence</u></p> <p>Based on the results of the 1980 Census</p> <p>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</p>
51	1	<p><u>Population Size of SMSA</u></p> <p>Based on the results of the 1980 Census</p> <p>1 ... SMSA of 250,000 or more 2 ... SMSA of 100,000 to 250,000 3 ... SMSA of less than 100,000 9 ... Nonmetropolitan area Z ... Foreign residents</p>

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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 ... 15 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>

1989
Mortality Multiple Cause-of-Death Record

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

1989
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>
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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

1989
Mortality Multiple Cause-of-Death Record

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

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

71-72	2	<u>Age Recode 12</u>
		01 ... Under 1 year (includes not stated infant ages)
		02 ... 1 - 4 years
		03 ... 5 - 14 years
		04 ... 15 - 24 years
		05 ... 25 - 34 years
		06 ... 35 - 44 years
		07 ... 45 - 54 years
		08 ... 55 - 64 years
		09 ... 65 - 74 years
		10 ... 75 - 84 years
		11 ... 85 years and over
		12 ... Age not stated

1989
Mortality Multiple Cause-of-Death Record

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

1989
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

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Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

80-81 2 Hispanic Origin

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

82 1 Hispanic Origin/Race Recode

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

83 1 Day of Week of Death

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

84 1 Autopsy Performed

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

85-87 3 Kind of Business or Industry

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

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

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

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

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

1989
Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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102-109	8	<u>Reserved Positions</u>
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110-113	4	<u>Calculated Detail Age</u>
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Four positions are used to code calculated detail age. Location 110 indicates whether age is coded in days or in years. Locations 111 - 113 are the number of days or years.

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

114	1	<u>Age Substitution Flag</u>
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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
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115-118	4	<u>Reserved Positions</u>
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1989
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
119-132	14	<p><u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</u></p> <p>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.</p>
119-120	2	<p><u>State of Occurrence</u></p> <p>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</p>
121-123	3	<p><u>County of Occurrence</u></p> <p>001-nnn ... Code range 999 ... County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).</p>

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</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
		001-999 ... Code range
		999 ... County of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).
129-132	4	<u>SMSA of Residence</u>
		0000 ... Nonmetropolitan counties or foreign residents
		0040-9340 ... Code range
		9999 ... SMSA of less than 100,000 population or Georgia HIV death (see statement concerning HIV deaths in Georgia).

1989
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
133-140	8	<u>Reserved Positions</u>
141	1	<u>Place of Accident for Causes E850-E929</u> Blank ... Causes other than E850-E929 0 ... Home 1 ... Farm 2 ... Mine and Quarry 3 ... Industrial Place and Premises 4 ... Place for Recreation and Sport 5 ... Street and Highway 6 ... Public Building 7 ... Resident Institution 8 ... Other Specified Places 9 ... Place of Accident not specified
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)

1989
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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160-440	281	<u>MULTIPLE CONDITIONS</u>
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160-161	2	<u>Number of Entity-Axis Conditions</u> 00-20 ... Code range
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162-301	140	<u>ENTITY - AXIS CONTITIONS</u>
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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
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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

1989
Mortality Multiple Cause-of-Death Record

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

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

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

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

Position 5: Nature of Injury Flag

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

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

1989
Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

RECORD - AXIS CONDITIONS - Continued

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

Geographic Code Outline

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

SMSA: Standard metropolitan statistical areas are those established by the U.S. Office of Management and Budget (OMB) using final 1980 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.

Vital Statistics Codes					FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
01					Alabama	01	
001	180	1			Autauga	001	5240
			030	6	Prattville, part		
			999	9	Balance of county		
002	177	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	000	2	999	9	Blount	009	0000
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	093	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	000	2			Dale	045	0000
			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	180	1			Elmore	051	5240
			030	6	Prattville, part		
			999	9	Balance of county		
027	000	2	999	9	Escambia	053	0000
028	102	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	000	2			Houston	069	0000
			011	5	Dothan, part		
			999	9	Balance of county		
036	000	2			Jackson	071	0000
			032	6	Scottsboro		
			999	9	Balance of county		
037	035	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		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
01					Alabama	01	
			040	6	Vestavia Hills		
			999	9	Balance of county		
038	000	2	999	9	Lamar	075	0000
039	093	1			Lauderdale	077	2650
			015	5	Florence		
			999	9	Balance of county		
040	000	2	999	9	Lawrence	079	0000
041	000	2			Lee	081	0000
			006	5	Auburn		
			027	6	Opelika		
			029	5	Phenix City, part		
			999	9	Balance of county		
042	122	1			Limestone	083	3440
			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	122	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	122	1			Marshall	095	3440
			001	6	Albertville		
			999	9	Balance of county		
049	177	1			Mobile	097	5160
			023	3	Mobile		
			031	5	Prichard		
			999	9	Balance of county		
050	000	2	999	9	Monroe	099	0000
051	180	1			Montgomery	101	5240
			024	3	Montgomery		
			999	9	Balance of county		
052	000	2			Morgan	103	0000
			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	066	1			Russell	113	1800
			029	5	Phenix City, part		
			999	9	Balance of county		
058	035	1	999	9	St. Clair	115	1000
059	035	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	283	1			Tuscaloosa	125	8600
			026	6	Northport		
			038	4	Tuscaloosa		
			999	9	Balance of county		
064	035	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 Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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

Vital Statistics Codes						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
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	213	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	281	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	000	2			Yuma		027	0000
				017	5	Yuma			
				999	9	Balance of county			

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
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	091	1			Benton		007	2580
				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	098	1			Crawford		033	2720
				027	6	Van Buren			
				999	9	Balance of county			
	018	172	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	000	2			Faulkner		045	0000
				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	214	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	277	1	999	9	Little River		081	8360
	042	000	2	999	9	Logan		083	0000
	043	000	2	999	9	Lonoke		085	0000
	044	000	2	999	9	Madison		087	0000
	045	000	2	999	9	Marion		089	0000
	046	277	1			Miller		091	8360
				026	6	Texarkana			

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
04						Arkansas	05		
	047	000	2	999	9	Balance of county		093	0000
				003	6	Mississippi			
				999	9	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	157	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	157	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	098	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	091	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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
05				California	06	
	001	249	1	Alameda		001 7360
			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	059	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	249	1	Contra Costa		013 7360
			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	000	2	El Dorado		017 0000
			226 6	South Lake Tahoe		
			999 9	Balance of county		
	010	101	1	Fresno		019 2840
			041 5	Clovis		
			072 3	Fresno		
			178 6	Reedley		
			199 6	Sanger		
			221 6	Selma		
			999 9	Balance of county		
	011	000	2	Glenn		021 0000
	012	000	2	Humboldt		023 0000
			007 6	Arcata		
			065 6	Eureka		
			999 9	Balance of county		
	013	000	2	Imperial		025 0000
			024 6	Brawley		
			029 6	Calexico		
			060 6	El Centro		
			999 9	Balance of county		
	014	000	2	Inyo		027 0000
	015	023	1	Kern		029 0680
			013 3	Bakersfield		
			056 6	Delano		
			181 6	Ridgecrest		
			999 9	Balance of county		
	016	000	2	Kings		031 0000
			079 6	Hanford		
			999 9	Balance of county		
	017	000	2	Lake		033 0000
	018	000	2	Lassen		035 0000
	019	161	1	Los Angeles		037 4480
			003 4	Alhambra		
			006 5	Arcadia		
			009 6	Artesia		
			012 5	Azusa		
			014 4	Baldwin Park		

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			St Cnty	SMSA
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	249	1		Marin		041	7360
			103 6	Larkspur			
			128 6	Mill Valley			
			145 5	Novato			
			188 6	San Anselmo			

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	000	2			Merced	047 0000
			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	243	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	286	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	237	1			Placer	061 6920
			185	6	Roseville	
			999	9	Balance of county	
032	000	2	999	9	Plumas	063 0000
033	231	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	237	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	231	1			San Bernardino	071 6780
			016	6	Barstow	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	248	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	249	1	197	1	San Francisco, coext. with San Francisco city	075 7360
039	271	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	249	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	251	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	250	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	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
05					California	06
			232	3	Sunnyvale	
			999	9	Balance of county	
044	252	1			Santa Cruz	087 7485
			212	5	Santa Cruz	
			249	6	Watsonville	
			999	9	Balance of county	
045	227	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	286	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	253	1			Sonoma	097 7500
			161	5	Petaluma	
			183	6	Rohnert Park	
			217	4	Santa Rosa	
			999	9	Balance of county	
050	178	1			Stanislaus	099 5170
			035	6	Ceres	
			130	3	Modesto	
			238	5	Turlock	
			999	9	Balance of county	
051	305	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	289	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	204	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	237	1			Yolo	113 6920
			055	5	Davis	
			253	5	Woodland	
			999	9	Balance of county	
058	305	1	999	9	Yuba	115 9340

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
06					Colorado	08		
	001	076	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	999	Alamosa		003 0000	
	003	076	1		Arapahoe		005 2080	
				002	Aurora, part			
				011	Englewood			
				017	Littleton, part			
				999	Balance of county			
	004	000	2	999	Archuleta		007 0000	
	005	000	2	999	Baca		009 0000	
	006	000	2	999	Bent		011 0000	
	007	076	1		Boulder		013 2080	
				003	Boulder			
				005	Broomfield, part			
				018	Longmont			
				999	Balance of county			
	008	000	2	999	Chaffee		015 0000	
	009	000	2	999	Cheyenne		017 0000	
	010	000	2	999	Clear Creek		019 0000	
	011	000	2	999	Conejos		021 0000	
	012	000	2	999	Costilla		023 0000	
	013	000	2	999	Crowley		025 0000	
	014	000	2	999	Custer		027 0000	
	015	000	2	999	Delta		029 0000	
	016	076	1	009	Denver, coext. with Denver city		031 2080	
	017	000	2	999	Dolores		033 0000	
	018	076	1		Douglas		035 2080	
				017	Littleton, part			
				999	Balance of county			
	019	000	2	999	Eagle		037 0000	
	020	000	2	999	Elbert		039 0000	
	021	063	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	999	Garfield		045 0000	
	024	076	1	999	Gilpin		047 2080	
	025	000	2	999	Grand		049 0000	
	026	000	2	999	Gunnison		051 0000	
	027	000	2	999	Hinsdale		053 0000	
	028	000	2	999	Huerfano		055 0000	
	029	000	2	999	Jackson		057 0000	
	030	076	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	999	Kiowa		061 0000	
	032	000	2	999	Kit Carson		063 0000	
	033	000	2	999	Lake		065 0000	
	034	000	2		La Plata		067 0000	
				010	Durango			
				999	Balance of county			
	035	095	1		Larimer		069 2670	
				012	Fort Collins			
				019	Loveland			
				999	Balance of county			
	036	000	2	999	Las Animas		071 0000	
	037	000	2	999	Lincoln		073 0000	
	038	000	2		Logan		075 0000	
				022	Sterling			

Vital Statistics Codes					FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
06					Colorado	08	
			999	9	Balance of county		
039	000	2			Mesa	077	0000
			014	5	Grand Junction		
			999	9	Balance of county		
040	000	2	999	9	Mineral	079	0000
041	000	2	999	9	Moffat	081	0000
042	000	2	999	9	Montezuma	083	0000
043	000	2	999	9	Montrose	085	0000
044	000	2	999	9	Morgan	087	0000
045	000	2	999	9	Otero	089	0000
046	000	2	999	9	Duray	091	0000
047	000	2	999	9	Park	093	0000
048	000	2	999	9	Phillips	095	0000
049	000	2	999	9	Pitkin	097	0000
050	000	2	999	9	Prowers	099	0000
051	223	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	063	1	999	9	Teller	119	1720
061	000	2	999	9	Washington	121	0000
062	110	1			Weld	123	3060
			004	6	Brighton, part		
			015	4	Greeley		
			999	9	Balance of county		
063	000	2	999	9	Yuma	125	0000

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			St Cnty	SMSA
07				Connecticut		09	
001	043	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	117	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	117	1		Middlesex		007	3283
			018	5	Middletown		
			999	9	Balance of county		
005	187	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	188	1		New London		011	5523
			013	6	Groton		
			024	5	New London		
			027	5	Norwich		
			999	9	Balance of county		
007	117	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 Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
08					Delaware	10	
	001	000	2		Kent		001 0000
				001 6	Dover		
				999 9	Balance of county		
	002	299	1		New Castle		003 9160
				002 5	Newark		
				003 4	Wilmington		
				999 9	Balance of county		
	003	000	2	999 9	Sussex		005 0000

Vital Statistics Codes
St Cnty SMSA M/NM City P/S State, County, City, or Country Name
09 001 291 1 001 1 District of Columbia

FIPS Codes
St Cnty SMSA
11 001 8840

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
10					Florida	12
001	103	1			Alachua	001 2900
			026	4	Gainesville	
			999	9	Balance of county	
002	127	1	999	9	Baker	003 3600
003	205	1			Bay	005 6015
			066	5	Panama City	
			999	9	Balance of county	
004	000	2	999	9	Bradford	007 0000
005	171	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	096	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	127	1	999	9	Clay	019 3600
011	000	2			Collier	021 0000
			051	6	Naples	
			999	9	Balance of county	
012	000	2	999	9	Columbia	023 0000
013	173	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	127	1			Duval	031 3600
			033	1	Jacksonville	
			034	6	Jacksonville Beach	
			999	9	Balance of county	
017	209	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	000	2	999	9	Gadsden	039 0000
021	000	2	999	9	Gilchrist	041 0000
022	000	2	999	9	Glades	043 0000

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	000	2	999 9	Hernando	053 0000
	028	000	2	999 9	Highlands	055 0000
	029	275	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	097	1		Lee	071 2700
				007 5	Cape Coral	
				023 5	Fort Myers	
				999 9	Balance of county	
	037	274	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	041	1		Manatee	081 1140
				006 5	Bradenton	
				999 9	Balance of county	
	042	197	1		Marion	083 5790
				059 5	Ocala	
				999 9	Balance of county	
	043	000	2	999 9	Martin	085 0000
	044	000	2		Monroe	087 0000
				035 6	Key West	
				999 9	Balance of county	
	045	127	1	999 9	Nassau	089 3600
	046	099	1		Okaloosa	091 2750
				025 6	Fort Walton Beach	
				999 9	Balance of county	
	047	000	2	999 9	Okeechobee	093 0000
	048	202	1		Orange	095 5960
				061 3	Orlando	
				095 6	Winter Park	
				999 9	Balance of county	
	049	202	1		Osceola	097 5960
				036 6	Kissimmee	
				999 9	Balance of county	
	050	294	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	275	1		Pasco	101 8280
				052 6	New Port Richey	
				999 9	Balance of county	
	052	275	1		Pinellas	103 8280
				009 4	Clearwater	
				021 5	Dunedin	
				027 6	Gulfport	
				039 4	Largo	
				069 5	Pinellas Park	
				078 3	St. Petersburg	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
10					Florida	12
			087	6	Tarpon Springs	
			999	9	Balance of county	
053	145	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	127	1			St. Johns	109 3600
			077	6	St. Augustine	
			999	9	Balance of county	
056	000	2			St. Lucie	111 0000
			024	5	Fort Pierce	
			074	6	Port St. Lucie	
			999	9	Balance of county	
057	209	1			Santa Rosa	113 6080
058	254	1			Sarasota	115 7510
			080	5	Sarasota	
			090	6	Venice	
			999	9	Balance of county	
059	202	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			Sumter	119 0000
061	000	2			Suwannee	121 0000
062	000	2			Taylor	123 0000
063	000	2			Union	125 0000
064	074	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	274	1			Wakulla	129 8240
066	000	2			Walton	131 0000
067	000	2			Washington	133 0000

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes			
St	Cnty	SMSA	M/N/M	City	P/S		St	Cnty	SMSA
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	000	2	999	9	Barrow		013	0000
	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	165	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	255	1	999	9	Bryan		029	7520
	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	057	1	999	9	Catoosa		047	1560
	024	000	2	999	9	Charlton		049	0000
	025	255	1			Chatham		051	7520
				031	3	Savannah			
				999	9	Balance of county			
	026	066	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	000	2			Coweta		077	0000
				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	057	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			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	255	1	999	9	Effingham	103	7520
052	000	2	999	9	Elbert	105	0000
053	000	2	999	9	Emanuel	107	0000
054	000	2	999	9	Evans	109	0000
055	000	2	999	9	Fannin	111	0000
056	019	1	999	9	Fayette	113	0520
057	000	2			Floyd	115	0000
			029	5	Rome		
			999	9	Balance of county		
058	019	1	999	9	Forsyth	117	0520
059	000	2	999	9	Franklin	119	0000
060	019	1			Fulton	121	0520
			004	2	Atlanta, part		
			009	6	College Park, part		
			017	5	East Point		
			030	6	Roswell		
			999	9	Balance of county		
061	000	2	999	9	Gilmer	123	0000
062	000	2	999	9	Glascocock	125	0000
063	000	2			Glynn	127	0000
			007	6	Brunswick		
			999	9	Balance of county		
064	000	2	999	9	Gordon	129	0000
065	000	2	999	9	Grady	131	0000
066	000	2	999	9	Greene	133	0000
067	019	1	999	9	Gwinnett	135	0520
068	000	2	999	9	Habersham	137	0000
069	000	2			Hall	139	0000
			020	6	Gainesville		
			999	9	Balance of county		
070	000	2	999	9	Hancock	141	0000
071	000	2	999	9	Haralson	143	0000
072	000	2	999	9	Harris	145	0000
073	000	2	999	9	Hart	147	0000
074	000	2	999	9	Heard	149	0000
075	019	1	999	9	Henry	151	0520
076	165	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	165	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		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
11				Georgia	13	
			999 9	Balance of county		
093	000	2	999 9	Lumpkin	187	0000
094	000	2	999 9	McDuffie	189	0000
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	066	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	000	2	999 9	Peach	225	0000
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	000	2		Spalding	255	0000
			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	165	1	999 9	Twiggs	289	4680
144	000	2	999 9	Union	291	0000
145	000	2	999 9	Upson	293	0000

Vital Statistics Codes						FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA	
11					Georgia	13		
146	057	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 Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
12						Hawaii	15		
	001	000	2			Hawaii		001	0000
				003	5	Hilo			
				999	9	Balance of county			
	002	119	1			Honolulu		003	3320
				001	5	Aiea			
				002	6	Ewa Beach			
				004	2	Honolulu			
				006	5	Kailua			
				007	5	Kaneohe			
				008	6	Mililani Town			
				009	6	Mokapu			
				010	5	Pearl City			
				011	6	Schofield Barracks			
				012	6	Wahiawa			
				014	5	Waipahu			
				999	9	Balance of county			
	003	000	2	999	9	Kalawao		005	0000
	004	000	2	999	9	Kauai		007	0000
	005	000	2			Maui		009	0000
				005	6	Kahului			
				013	6	Wailuku			
				999	9	Balance of county			

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

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
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	235	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	052	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	241	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	058	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		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	058	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	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	000	2	999	9	Grundy	063	0000
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	072	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	000	2	999	9	Jersey	083	0000
043	000	2	999	9	Jo Daviess	085	0000
044	000	2	999	9	Johnson	087	0000
045	058	1			Kane	089	1600
			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	135	1			Kankakee	091	3740
			017	6	Bourbonnais		
			018	6	Bradley		
			083	5	Kankakee		
			999	9	Balance of county		
047	000	2	999	9	Kendall	093	0000
048	000	2			Knox	095	0000
			064	5	Galesburg		
			999	9	Balance of county		
049	058	1			Lake	097	1600
			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		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	058	1			McHenry	111	1600
			039	6	Crystal Lake		
			096	6	McHenry		
			175	6	Woodstock		
			999	9	Balance of county		
057	038	1			McLean	113	1040
			014	5	Bloomington		
			114	5	Normal		
			999	9	Balance of county		
058	075	1			Macon	115	2040
			042	4	Decatur		
			999	9	Balance of county		
059	000	2			Macoupin	117	0000
060	241	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			Marshall	123	0000
063	000	2			Mason	125	0000
064	000	2			Massac	127	0000
065	265	1			Menard	129	7880
066	000	2			Mercer	131	0000
067	241	1			Monroe	133	7040
068	000	2			Montgomery	135	0000
069	000	2			Morgan	137	0000
			080	6	Jacksonville		
			999	9	Balance of county		
070	000	2			Moultrie	139	0000
071	000	2			Ogle	141	0000
072	210	1			Peoria	143	6120
			130	5	Pekin, part		
			131	3	Peoria		
			999	9	Balance of county		
073	000	2			Perry	145	0000
074	000	2			Piatt	147	0000
075	000	2			Pike	149	0000
076	000	2			Pope	151	0000
077	000	2			Pulaski	153	0000
078	000	2			Putnam	155	0000
079	000	2			Randolph	157	0000
080	000	2			Richland	159	0000
081	072	1			Rock Island	161	1960
			049	6	East Moline		
			105	5	Moline		
			142	5	Rock Island		
			999	9	Balance of county		
082	241	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		

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
14					Illinois	17	
084	265	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	210	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	058	1			Will	197	1600
			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	235	1			Winnebago	201	6880
			095	6	Loves Park		
			141	3	Rockford		
			999	9	Balance of county		
102	210	1	999	9	Woodford	203	6120

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
15					Indiana	18	
	001	100	1	999 9	Adams		001 2760
	002	100	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	123	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	162	1		Clark		019 4520
				006 6	Clarksville		
				028 6	Jeffersonville		
				999 9	Balance of county		
	011	276	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	060	1	999 9	Dearborn		029 1640
	016	000	2	999 9	Decatur		031 0000
	017	100	1	999 9	De Kalb		033 2760
	018	181	1		Delaware		035 5280
				042 4	Muncie		
				999 9	Balance of county		
	019	000	2	999 9	Dubois		037 0000
	020	083	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	162	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	088	1	999 9	Gibson		051 2440
	027	000	2		Grant		053 0000
				037 5	Marion		
				999 9	Balance of county		
	028	000	2	999 9	Greene		055 0000
	029	123	1		Hamilton		057 3480
				005 6	Carmel		
				046 6	Noblesville		
				999 9	Balance of county		
	030	123	1		Hancock		059 3480
				020 6	Greenfield		
				999 9	Balance of county		
	031	000	2	999 9	Harrison		061 0000
	032	123	1	999 9	Hendricks		063 3480
	033	000	2		Henry		065 0000
				045 6	New Castle		
				999 9	Balance of county		
	034	140	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		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
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		Jefferscn	077	0000	
				036 6	Madison			
				999 9	Balance of county			
	040	000	2	999 9	Jennings	079	0000	
	041	123	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	105	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	123	1		Marion	097	3480	
				003 6	Beech Grove			
				027 1	Indianapolis			
				033 5	Lawrence			
				054 6	Speedway			
				999 9	Balance of county			
	050	263	1	999 9	Marshall	099	7800	
	051	000	2	999 9	Martin	101	0000	
	052	000	2		Miami	103	0000	
				047 6	Peru			
				999 9	Balance of county			
	053	037	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	123	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	105	1		Porter	127	2960	
				048 5	Portage			
				056 6	Valparaiso			
				999 9	Balance of county			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
15					Indiana	18	
065	088	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	263	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	123	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	276	1	999	9	Sullivan	153	8320
078	000	2	999	9	Switzerland	155	0000
079	143	1			Tippecanoe	157	3920
			030	5	Lafayette		
			061	6	West Lafayette		
			999	9	Balance of county		
080	140	1			Tipton	159	3850
			013	6	Elwood, part		
			999	9	Balance of county		
081	000	2	999	9	Union	161	0000
082	088	1			Vanderburgh	163	2440
			014	3	Evansville		
			999	9	Balance of county		
083	276	1	999	9	Vermillion	165	8320
084	276	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	088	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	100	1	999	9	Wells	179	2760
091	000	2	999	9	White	181	0000
092	000	2	999	9	Whitley	183	0000

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
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	292	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	000	2	999 9	Bremer	017	0000
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	000	2	999 9	Dallas	049	0000
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	079	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 3	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	124	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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
16					Iowa	19	
	056	000	2		Lee		111 0000
				014 6	Fort Madison		
				017 6	Keokuk		
				999 9	Balance of county		
	057	051	1		Linn		113 1360
				007 3	Cedar Rapids		
				018 6	Marion		
				999 9	Balance of county		
	058	000	2	999 9	Louisa		115 0000
	059	000	2	999 9	Lucas		117 0000
	060	000	2	999 9	Lyon		119 0000
	061	000	2	999 9	Madison		121 0000
	062	000	2		Mahaska		123 0000
				023 6	Oskaloosa		
				999 9	Balance of county		
	063	000	2	999 9	Marion		125 0000
	064	000	2		Marshall		127 0000
				019 5	Marshalltown		
				999 9	Balance of county		
	065	000	2	999 9	Mills		129 0000
	066	000	2	999 9	Mitchell		131 0000
	067	000	2	999 9	Monona		133 0000
	068	000	2	999 9	Monroe		135 0000
	069	000	2	999 9	Montgomery		137 0000
	070	000	2		Muscatine		139 0000
				021 6	Muscatine		
				999 9	Balance of county		
	071	000	2	999 9	O'Brien		141 0000
	072	000	2	999 9	Osceola		143 0000
	073	000	2	999 9	Page		145 0000
	074	000	2	999 9	Palo Alto		147 0000
	075	000	2	999 9	Plymouth		149 0000
	076	000	2	999 9	Pocahontas		151 0000
	077	077	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	201	1		Pottawattamie		155 5920
				009 4	Council Bluffs		
				999 9	Balance of county		
	079	000	2	999 9	Poweshiek		157 0000
	080	000	2	999 9	Ringgold		159 0000
	081	000	2	999 9	Sac		161 0000
	082	072	1		Scott		163 1960
				003 5	Bettendorf		
				010 3	Davenport		
				999 9	Balance of county		
	083	000	2	999 9	Shelby		165 0000
	084	000	2	999 9	Sioux		167 0000
	085	000	2		Story		169 0000
				001 5	Ames		
				999 9	Balance of county		
	086	000	2	999 9	Tama		171 0000
	087	000	2	999 9	Taylor		173 0000
	088	000	2	999 9	Union		175 0000
	089	000	2	999 9	Van Buren		177 0000
	090	000	2		Wapello		179 0000
				024 5	Ottumwa		
				999 9	Balance of county		
	091	077	1		Warren		181 2120
				015 6	Indianola		
				999 9	Balance of county		
	092	000	2	999 9	Washington		183 0000
	093	000	2	999 9	Wayne		185 0000
	094	000	2		Webster		187 0000
				013 5	Fort Dodge		
				999 9	Balance of county		
	095	000	2	999 9	Winnebago		189 0000
	096	000	2	999 9	Winneshiek		191 0000
	097	261	1		Woodbury		193 7720
				025 4	Sioux City		
				999 9	Balance of county		

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
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	296	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	151	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	000	2			Harvey		079	0000
				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	279	1	999	9	Jefferson		087	8440
	045	000	2	999	9	Jewell		089	0000
	046	136	1			Johnson		091	3760
				017	6	Leawood			
				018	6	Lenexa			
				022	6	Merriam			

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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			Labelle	099 0000
			027	6	Parsons	
			999	9	Balance of county	
051	000	2	999	9	Lane	101 0000
052	000	2			Leavenworth	103 0000
			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	000	2	999	9	Miami	121 0000
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	279	1	999	9	Osage	139 8440
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			Salina	169 0000
			030	5	Salina	
			999	9	Balance of county	
086	000	2	999	9	Scott	171 0000
087	296	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	279	1			Shawnee	177 8440
			032	3	Topeka	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
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	136	1			Wyandotte	209	3760	
				014	3	Kansas City			
				999	9	Balance of county			

Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
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	060	1			Boone		015	1640
				007	6	Florence			
				999	9	Balance of county			
	009	154	1	999	9	Bourbon		017	4280
	010	121	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	162	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	060	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	000	2	999	9	Carter		043	0000
	023	000	2	999	9	Casey		045	0000
	024	061	1			Christian		047	1660
				013	5	Hopkinsville			
				999	9	Balance of county			
	025	154	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	203	1			Daviess		059	5990
				023	4	Owensboro			
				999	9	Balance of county			
	031	000	2	999	9	Edmonson		061	0000
	032	000	2	999	9	Elliott		063	0000
	033	000	2	999	9	Estill		065	0000
	034	154	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	121	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			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
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	088	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	162	1		Jefferson	111	4520
				014 6	Jeffersontown		
				016 2	Louisville		
				027 6	St. Matthews		
				028 6	Shively		
				999 9	Balance of county		
	057	154	1		Jessamine	113	4280
				022 6	Nicholasville		
				999 9	Balance of county		
	058	000	2	999 9	Johnson	115	0000
	059	060	1		Kenton	117	1640
				003 5	Covington		
				006 6	Erlanger		
				999 9	Balance of county		
	060	000	2	999 9	Knott	119	0000
	061	000	2	999 9	Knox	121	0000
	062	000	2	999 9	Larue	123	0000
	063	000	2	999 9	Laurel	125	0000
	064	000	2	999 9	Lawrence	127	0000
	065	000	2	999 9	Lee	129	0000
	066	000	2	999 9	Leslie	131	0000
	067	000	2	999 9	Letcher	133	0000
	068	000	2	999 9	Lewis	135	0000
	069	000	2	999 9	Lincoln	137	0000
	070	000	2	999 9	Livingston	139	0000
	071	000	2	999 9	Logan	141	0000
	072	000	2	999 9	Lyon	143	0000
	073	000	2		McCracken	145	0000
				024 5	Paducah		
				999 9	Balance of county		
	074	000	2	999 9	McCreary	147	0000
	075	000	2	999 9	McLean	149	0000
	076	000	2		Madison	151	0000
				026 6	Richmond		
				999 9	Balance of county		
	077	000	2	999 9	Magoffin	153	0000
	078	000	2	999 9	Marion	155	0000
	079	000	2	999 9	Marshall	157	0000
	080	000	2	999 9	Martin	159	0000
	081	000	2	999 9	Mason	161	0000
	082	000	2	999 9	Meade	163	0000
	083	000	2	999 9	Menifee	165	0000
	084	000	2	999 9	Mercer	167	0000
	085	000	2	999 9	Metcalfe	169	0000
	086	000	2	999 9	Monroe	171	0000
	087	000	2	999 9	Montgomery	173	0000
	088	000	2	999 9	Morgan	175	0000
	089	000	2	999 9	Muhlenberg	177	0000
	090	000	2	999 9	Nelson	179	0000
	091	000	2	999 9	Nicholas	181	0000
	092	000	2	999 9	Ohio	183	0000
	093	162	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		

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	154	1			Scott	209 4280
				010	6	Georgetown	
				999	9	Balance of county	
	106	000	2	999	9	Shelby	211 0000
	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	154	1	999	9	Woodford	239 4280

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
19				Louisiana	22	
	001	000	2	Acadia		001 0000
			008 6	Crowley		
			010 6	Eunice, part		
			999 9	Balance of parish		
	002	000	2 999 9	Allen		003 0000
	003	026	1 999 9	Ascension		005 0760
	004	000	2 999 9	Assumption		007 0000
	005	000	2 999 9	Avoyelles		009 0000
	006	000	2	Beauregard		011 0000
			009 6	De Ridder, part		
			999 9	Balance of parish		
	007	000	2 999 9	Bienville		013 0000
	008	260	1	Bossier		015 7680
			007 5	Bossier City		
			028 3	Shreveport, part		
			999 9	Balance of parish		
	009	260	1	Caddo		017 7680
			028 3	Shreveport, part		
			999 9	Balance of parish		
	010	144	1	Calcasieu		019 3960
			018 4	Lake Charles		
			030 6	Sulphur		
			999 9	Balance of parish		
	011	000	2 999 9	Caldwell		021 0000
	012	000	2 999 9	Cameron		023 0000
	013	000	2 999 9	Catahoula		025 0000
	014	000	2 999 9	Claiborne		027 0000
	015	000	2 999 9	Concordia		029 0000
	016	000	2 999 9	De Soto		031 0000
	017	026	1	East Baton Rouge		033 0760
			003 6	Baker		
			005 3	Baton Rouge		
			999 9	Balance of parish		
	018	000	2 999 9	East Carroll		035 0000
	019	000	2 999 9	East Feliciana		037 0000
	020	000	2 999 9	Evangeline		039 0000
	021	000	2 999 9	Franklin		041 0000
	022	006	1 999 9	Grant		043 0220
	023	000	2	Iberia		045 0000
			023 5	New Iberia		
			999 9	Balance of parish		
	024	000	2 999 9	Iberville		047 0000
	025	000	2 999 9	Jackson		049 0000
	026	189	1	Jefferson		051 5560
			011 6	Gretna		
			013 6	Harahan		
			016 4	Kenner		
			034 6	Westwego		
			999 9	Balance of parish		
	027	000	2	Jefferson Davis		053 0000
			015 6	Jennings		
			999 9	Balance of parish		
	028	142	1	Lafayette		055 3880
			017 4	Lafayette		
			999 9	Balance of parish		
	029	000	2	Lafourche		057 0000
			032 6	Thibodaux		
			999 9	Balance of parish		
	030	000	2 999 9	La Salle		059 0000
	031	000	2	Lincoln		061 0000
			027 6	Ruston		
			999 9	Balance of parish		
	032	026	1 999 9	Livingston		063 0760
	033	000	2	Madison		065 0000
			031 6	Tallulah		
			999 9	Balance of parish		
	034	000	2	Morehouse		067 0000
			004 6	Bastrop		
			999 9	Balance of parish		
	035	000	2	Natchitoches		069 0000
			022 6	Natchitoches		
			999 9	Balance of parish		
	036	189	1 024 1	Orleans, coext. with New Orleans city		071 5560
	037	179	1	Ouachita		073 5200
			020 4	Monroe		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
19					Louisiana	22
			033	6	West Monroe	
			999	9	Balance of parish	
038	000	2	999	9	Plaquemines	075 0000
039	000	2	999	9	Pointe Coupee	077 0000
040	006	1			Rapides	079 0220
			002	4	Alexandria	
			026	6	Pineville	
			999	9	Balance of parish	
041	000	2	999	9	Red River	081 0000
042	000	2	999	9	Richland	083 0000
043	000	2	999	9	Sabine	085 0000
044	189	1	999	9	St. Bernard	087 5560
045	000	2	999	9	St. Charles	089 0000
046	000	2	999	9	St. Helena	091 0000
047	000	2	999	9	St. James	093 0000
048	000	2	999	9	St. John the Baptist	095 0000
049	000	2			St. Landry	097 0000
			010	6	Eunice, part	
			025	6	Opelousas	
			999	9	Balance of parish	
050	000	2	999	9	St. Martin	099 0000
051	000	2			St. Mary	101 0000
			021	6	Morgan City	
			999	9	Balance of parish	
052	189	1			St. Tammany	103 5560
			029	5	Slidell	
			999	9	Balance of parish	
053	000	2			Tangipahca	105 0000
			012	6	Hammond	
			999	9	Balance of parish	
054	000	2	999	9	Tensas	107 0000
055	000	2			Terrebonne	109 0000
			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	260	1			Webster	119 7680
			019	6	Minden	
			999	9	Balance of parish	
061	026	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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
20					Maine	23	
001	153	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	217	1			Cumberland	005	6403
			007	4	Portland		
			010	6	South Portland		
			012	6	Westbrook		
			999	9	Balance of county		
004	000	2	999	9	Franklin	007	0000
005	000	2	999	9	Hancock	009	0000
006	000	2			Kennebec	011	0000
			002	6	Augusta		
			011	6	Waterville		
			999	9	Balance of county		
007	000	2	999	9	Knox	013	0000
008	000	2	999	9	Lincoln	015	0000
009	000	2	999	9	Oxford	017	0000
010	025	1			Penobscot	019	0733
			003	5	Bangor		
			999	9	Balance of county		
011	000	2	999	9	Piscataquis	021	0000
012	217	1			Sagadahoc	023	6403
			004	6	Bath		
			999	9	Balance of county		
013	000	2	999	9	Somerset	025	0000
014	000	2	999	9	Waldo	027	0000
015	000	2	999	9	Washington	029	0000
016	219	1			York	031	6453
			005	6	Biddeford		
			009	6	Saco		
			999	9	Balance of county		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
21					Maryland	24
	001	069	1		Allegany	001 1900
				007	Cumberland	
				999	Balance of county	
	002	024	1		Anne Arundel	003 0720
				002	Annapolis	
				999	Balance of county	
	003	024	1	999	Baltimore	005 0720
	004	024	1	003	Baltimore city	510 0720
	005	000	2	999	Calvert	009 0000
	006	000	2	999	Caroline	011 0000
	007	024	1	999	Carroll	013 0720
	008	299	1	999	Cecil	015 9160
	009	291	1	999	Charles	017 8840
	010	000	2		Dorchester	019 0000
				005	Cambridge	
				999	Balance of county	
	011	000	2		Frederick	021 0000
				008	Frederick	
				999	Balance of county	
	012	000	2	999	Garrett	023 0000
	013	024	1		Harford	025 0720
				001	Aberdeen	
				999	Balance of county	
	014	024	1	999	Howard	027 0720
	015	000	2	999	Kent	029 0000
	016	291	1		Montgomery	031 8840
				009	Gaithersburg	
				015	Rockville	
				017	Takoma Park, part	
				999	Balance of county	
	017	291	1		Prince George's	033 8840
				004	Bowie	
				006	College Park	
				010	Greenbelt	
				012	Hyattsville	
				013	Laurel	
				014	New Carrollton	
				017	Takoma Park, part	
				999	Balance of county	
	018	000	2	999	Queen Anne's	035 0000
	019	000	2	999	St. Mary's	037 0000
	020	000	2	999	Somerset	039 0000
	021	000	2	999	Talbot	041 0000
	022	114	1		Washington	043 3180
				011	Hagerstown	
				999	Balance of county	
	023	000	2		Wicomico	045 0000
				016	Salisbury	
				999	Balance of county	
	024	000	2	999	Worcester	047 0000

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
22					Massachusetts	25	
001	000	2			Barnstable	001	0000
			008	5	Barnstable town		
			999	9	Balance of county		
002	216	1			Berkshire	003	6323
			057	6	North Adams		
			062	4	Pittsfield		
			999	9	Balance of county		
003	185	1			Bristol	005	5403
			007	5	Attleboro		
			027	6	Fairhaven town		
			028	4	Fall River		
			054	4	New Bedford		
			059	6	North Attleborough town		
			073	6	Somerset town		
			079	5	Taunton		
			999	9	Balance of county		
004	000	2			Dukes	007	0000
005	040	1			Essex	009	1123
			003	6	Amesbury town		
			005	6	Andover town		
			010	5	Beverly		
			022	6	Danvers town		
			032	5	Gloucester		
			033	5	Haverhill		
			037	4	Lawrence		
			042	4	Lynn		
			043	6	Lynnfield town		
			045	6	Marblehead town		
			049	5	Methuen town		
			055	6	Newburyport		
			061	5	Peabody		
			069	5	Salem		
			070	6	Saugus town		
			078	6	Swampscott town		
			999	9	Balance of county		
006	000	2			Franklin	011	0000
007	268	1			Hampden	013	8003
			002	5	Agawam town		
			020	4	Chicopee		
			035	5	Holyoke		
			040	6	Longmeadow town		
			075	3	Springfield		
			086	5	Westfield		
			087	5	West Springfield town		
			999	9	Balance of county		
008	268	1			Hampshire	015	8003
			004	5	Amherst town		
			025	6	Easthampton town		
			058	5	Northampton		
			999	9	Balance of county		
009	040	1			Middlesex	017	1123
			006	5	Arlington town		
			009	5	Belmont town		
			011	5	Billerica town		
			016	6	Burlington town		
			017	4	Cambridge		
			018	5	Chelmsford town		
			024	6	Dracut town		
			026	5	Everett		
			030	4	Framingham town		
			036	6	Hudson town		
			039	5	Lexington town		
			041	4	Lowell		
			044	4	Malden		
			046	5	Marlborough		
			047	4	Medford		
			048	5	Melrose		
			052	5	Natick town		
			056	4	Newton		
			066	6	Reading town		
			074	4	Somerville		
			076	6	Stoneham town		
			080	6	Tewksbury town		
			081	6	Wakefield town		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	040	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	040	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	040	1			Suffolk	025 1123
			012	1	Boston	
			019	5	Chelsea	
			067	5	Revere	
			093	6	Winthrop town	
014	301	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	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	027	1	999 9	Barry	015	0780
	009	028	1		Bay	017	0800
				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	031	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	027	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	147	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	147	1		Eaton	045	4040
				055 3	Lansing, part		
				999 9	Balance of county		
	024	000	2	999 9	Emmet	047	0000
	025	092	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	147	1		Ingham	065	4040
				026 5	East Lansing		
				055 3	Lansing, part		
				062 5	Meridian township		
				999 9	Balance of county		
	034	147	1	999 9	Ionia	067	4040
	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	125	1		Jackson	075	3520
				051 5	Jackson		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
23					Michigan	26
			999	9	Balance of county	
039	134	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	108	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	078	1	999	9	Lapeer	087 2160
045	000	2	999	9	Leeianau	089 0000
046	000	2			Lenawee	091 0000
			001	6	Adrian	
			999	9	Balance of county	
047	078	1	999	9	Livingston	093 2160
048	000	2	999	9	Luce	095 0000
049	000	2	999	9	Mackinac	097 0000
050	078	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	000	2			Midland	111 0000
			063	5	Midland, part	
			999	9	Balance of county	
057	000	2	999	9	Missaukee	113 0000
058	278	1			Monroe	115 8400
			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	182	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	078	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	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
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	182	1	999 9	Oceana	127	5320
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	108	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	238	1		Saginaw	145	6960
			085 4	Saginaw		
			086 5	Saginaw township		
			999 9	Balance of county		
074	078	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	092	1		Shiawassee	155	2640
			074 6	Owosso		
			999 9	Balance of county		
079	000	2	999 9	Tuscola	157	0000
080	134	1	999 9	Van Buren	159	3720
081	014	1		Washtenaw	161	0440
			005 3	Ann Arbor		
			105 6	Ypsilanti		
			106 5	Ypsilanti township		
			999 9	Balance of county		
082	078	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 Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
23						Michigan	26
		999	9			Balance of county	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
24					Minnesota	27
	001	000	2	999	9 Aitkin	001 0000
	002	176	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	239	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	176	1	999	9 Carver	019 5120
	011	000	2	999	9 Cass	021 0000
	012	000	2	999	9 Chippewa	023 0000
	013	176	1	999	9 Chisago	025 5120
	014	089	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	176	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	176	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	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
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	000	2	999 9	Isanti	059	0000
031	000	2	999 9	Itasca	061	0000
032	000	2	999 9	Jackson	063	0000
033	000	2	999 9	Kanabec	065	0000
034	000	2	999 9	Kandiyohi	067	0000
			062 6	Willmar		
			999 9	Balance of county		
035	000	2	999 9	Kittson	069	0000
036	000	2	999 9	Koochiching	071	0000
037	000	2	999 9	Lac qui Parle	073	0000
038	000	2	999 9	Lake	075	0000
039	000	2	999 9	Lake of the Woods	077	0000
040	000	2	999 9	Le Sueur	079	0000
041	000	2	999 9	Lincoln	081	0000
042	000	2	999 9	Lyon	083	0000
			034 6	Marshall		
			999 9	Balance of county		
043	000	2	999 9	McLeod	085	0000
044	000	2	999 9	Mahnomen	087	0000
045	000	2	999 9	Marshall	089	0000
046	000	2	999 9	Martin	091	0000
			021 6	Fairmont		
			999 9	Balance of county		
047	000	2	999 9	Meeker	093	0000
048	000	2	999 9	Mille Lacs	095	0000
049	000	2	999 9	Morrison	097	0000
050	000	2	999 9	Mower	099	0000
			004 6	Austin		
			999 9	Balance of county		
051	000	2	999 9	Murray	101	0000
052	000	2	999 9	Nicollet	103	0000
			031 5	Mankato, part		
			999 9	Balance of county		
053	000	2	999 9	Nobles	105	0000
			065 6	Worthington		
			999 9	Balance of county		
054	000	2	999 9	Norman	107	0000
055	233	1	999 9	Olmsted	109	6820
			051 4	Rochester		
			999 9	Balance of county		
056	000	2	999 9	Otter Tail	111	0000
			023 6	Fergus Falls		
			999 9	Balance of county		
057	000	2	999 9	Pennington	113	0000
058	000	2	999 9	Pine	115	0000
059	000	2	999 9	Pipestone	117	0000
060	107	1	999 9	Polk	119	2985
061	000	2	999 9	Pope	121	0000
062	176	1	999 9	Ramsey	123	5120
			006 5	Blaine, part		
			033 5	Maplewood		
			038 6	Mounds View		
			039 6	New Brighton		
			043 6	North St. Paul		
			052 5	Roseville		
			055 2	St. Paul		
			056 6	Shoreview		
			061 6	White Bear Lake, part		
			999 9	Balance of county		
063	000	2	999 9	Red Lake	125	0000
064	000	2	999 9	Redwood	127	0000
065	000	2	999 9	Renville	129	0000
066	000	2	999 9	Rice	131	0000
			022 6	Faribault		
			042 6	Northfield, part		
			999 9	Balance of county		
067	000	2	999 9	Rock	133	0000

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
24					Minnesota	27	
	068	000	2	999 9	Roseau	135	0000
	069	080	1		St. Louis	137	2240
				017 4	Duluth		
				027 6	Hibbing		
				059 6	Virginia		
				999 9	Balance of county		
	070	176	1	999 9	Scott	139	5120
	071	239	1		Sherburne	141	6980
				053 5	St. Cloud, part		
				999 9	Balance of county		
	072	000	2	999 9	Sibley	143	0000
	073	239	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	176	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	176	1	999 9	Wright	171	5120
	087	000	2	999 9	Yellow Medicine	173	0000

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	172	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	033	1			Hancock	045 0920
024	033	1			Harrison	047 0920
			001	5	Biloxi	
			012	5	Gulfport	
			999	9	Balance of county	
025	126	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	207	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	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	000	2			Madison	089 0000
				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	126	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	033	1	999	9	Stone	131 0920
	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	

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
26						Missouri	29		
	001	000	2			Adair		001	0000
				028	6	Kirksville			
				999	9	Balance of county			
	002	240	1	999	9	Andrew		003	7000
	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	064	1			Boone		019	1740
				011	4	Columbia			
				999	9	Balance of county			
	011	240	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	136	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	266	1	999	9	Christian		043	7920
	023	000	2	999	9	Clark		045	0000
	024	136	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	241	1	999	9	Franklin		071	7040
	037	000	2	999	9	Gasconade		073	0000
	038	000	2	999	9	Gentry		075	0000
	039	266	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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	136	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	133	1			Jasper	097	3710
			009	6	Carthage		
			025	5	Joplin, part		
			999	9	Balance of county		
050	241	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	000	2	999	9	Lafayette	107	0000
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	133	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	136	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 Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
26					Missouri	29
089	136	1			Ray	177 3760
			014	6	Excelsior Springs, part	
			999	9	Balance of county	
090	000	2	999	9	Reynolds	179 0000
091	000	2	999	9	Ripley	181 0000
092	241	1			St. Charles	183 7040
			042	5	St. Charles	
			045	6	St. Peters	
			999	9	Balance of county	
093	000	2	999	9	St. Clair	185 0000
094	000	2	999	9	Ste. Genevieve	186 0000
095	000	2	999	9	St. Francois	187 0000
096	241	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	241	1	044	2	St. Louis city	510 7040
098	000	2			Saline	195 0000
			033	6	Marshall	
			999	9	Balance of county	
099	000	2	999	9	Schuyler	197 0000
100	000	2	999	9	Scotland	199 0000
101	000	2			Scott	201 0000
			047	6	Sikeston, part	
			999	9	Balance of county	
102	000	2	999	9	Shannon	203 0000
103	000	2	999	9	Shelby	205 0000
104	000	2	999	9	Stoddard	207 0000
105	000	2	999	9	Stone	209 0000
106	000	2	999	9	Sullivan	211 0000
107	000	2	999	9	Taney	213 0000
108	000	2	999	9	Texas	215 0000
109	000	2	999	9	Vernon	217 0000
110	000	2	999	9	Warren	219 0000
111	000	2	999	9	Washington	221 0000
112	000	2	999	9	Wayne	223 0000
113	000	2	999	9	Webster	225 0000
114	000	2	999	9	Worth	227 0000
115	000	2	999	9	Wright	229 0000

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	109	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	032	1			Yellowstone	111 0880
				002	4	Billings	
				999	9	Balance of county	
	057	000	2	999	9	Yellowstone National Park	113 0000

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	261	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	201	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	156	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

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
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	201	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	000	2	999	9	Washington	177	0000	
	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	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
29						Nevada	32
	001	000	2	001	5	Carson City city	510 0000
	002	000	2	999	9	Churchill	001 0000
	003	150	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	228	1			Washoe	031 6720
				005	3	Reno	
				006	5	Sparks	
				999	9	Balance of county	
	017	000	2	999	9	White Pine	033 0000

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	167	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	219	1			Rockingham	015	6453
			010	5	Portsmouth		
			999	9	Balance of county		
009	219	1			Strafford	017	6453
			004	6	Dover		
			011	6	Rochester		
			012	6	Somersworth		
			999	9	Balance of county		
010	000	2			Sullivan	019	0000
			002	6	Claremont		
			999	9	Balance of county		

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S			St Cnty	SMSA
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	190	1		Bergen		003	5600
				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	212	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	212	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	000	2		Cape May		009	0000
				105	6	Ocean City		
				999	9	Balance of county		
	006	288	1		Cumberland		011	8760
				011	6	Bridgeton		
				087	6	Millville		
				154	4	Vineland		
				999	9	Balance of county		
	007	191	1		Essex		013	5640
				005	5	Belleville		

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
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	212	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	130	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	000	2			Hunterdon	019	0000	
011	280	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	186	1			Middlesex	023	5460	
			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	158	1			Monmouth	025	4410	
			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			

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
31					New Jersey	34	
	014	191	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	000	2		Ocean		029 0000
			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	208	1		Passaic		031 6040
			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	299	1		Salem		033 9160
	018	191	1		Somerset		035 5640
			012	5	Bridgewater township		
			042	5	Franklin township		
			080	6	Manville		
			101	6	North Plainfield		
			140	6	Somerville		
			999	9	Balance of county		
	019	000	2		Sussex		037 0000
			063	6	Hopatcong		
			999	9	Balance of county		
	020	191	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		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	149	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	000	2	999	9	Los Alamos	028	0000
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	005	1	999	9	Sandoval	043	0200
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	000	2			Santa Fe	049	0000
			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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
33					New York	36		
	001	004	1		Albany	001	0160	
				001	Albany			
				013	Cohoes			
				097	Watervliet			
				999	Balance of county			
	002	000	2	999	Allegany	003	0000	
	003	034	1		Broome	007	0960	
				007	Binghamton			
				021	Endicott			
				041	Johnson City			
				095	Vestal town			
				999	Balance of county			
	004	000	2		Cattaraugus	009	0000	
				065	Olean			
				999	Balance of county			
	005	000	2		Cayuga	011	0000	
				003	Auburn			
				999	Balance of county			
	006	000	2		Chautauqua	013	0000	
				018	Dunkirk			
				023	Fredonia			
				040	Jamestown			
				999	Balance of county			
	007	084	1		Chemung	015	2335	
				020	Elmira			
				999	Balance of county			
	008	000	2	999	Chenango	017	0000	
	009	000	2		Clinton	019	0000	
				073	Plattsburgh			
				999	Balance of county			
	010	000	2	999	Columbia	021	0000	
	011	000	2		Cortland	023	0000	
				015	Cortland			
				999	Balance of county			
	012	000	2	999	Delaware	025	0000	
	013	220	1		Dutchess	027	6460	
				006	Beacon			
				076	Poughkeepsie			
				999	Balance of county			
	014	046	1		Erie	029	1280	
				010	Buffalo			
				016	Depew			
				033	Hamburg			
				042	Kenmore			
				045	Lackawanna			
				046	Lancaster			
				091	Tonawanda			
				099	West Seneca town			
				999	Balance of county			
	015	000	2	999	Essex	031	0000	
	016	000	2	999	Franklin	033	0000	
	017	000	2		Fulton	035	0000	
				031	Gloversville			
				999	Balance of county			
	018	000	2		Genesee	037	0000	
				005	Batavia			
				999	Balance of county			
	019	000	2	999	Greene	039	0000	
	020	000	2	999	Hamilton	041	0000	
	021	285	1	999	Herkimer	043	8680	
	022	000	2		Jefferson	045	0000	
				096	Watertown			
				999	Balance of county			
	023	000	2	999	Lewis	049	0000	
	024	234	1	999	Livingston	051	6840	
	025	272	1		Madison	053	8160	
				066	Oneida			
				999	Balance of county			
	026	234	1		Monroe	055	6840	
				008	Brighton town			
				027	Gates town			
				032	Greece town			
				036	Henrietta town			
				038	Irondequoit town			

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
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	184	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	190	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	046	1			Niagara	063	1280	
			048	6	Lockport			
			061	4	Niagara Falls			
			063	5	North Tonawanda			
			999	9	Balance of county			
031	285	1			Oneida	065	8680	
			081	5	Rome			
			093	4	Utica			
			999	9	Balance of county			
032	272	1			Onondaga	067	8160	
			089	3	Syracuse			
			999	9	Balance of county			
033	234	1			Ontario	069	6840	
			011	6	Canandaigua			
			028	6	Geneva, part			
			999	9	Balance of county			
034	193	1			Orange	071	5660	
			054	6	Middletown			
			058	6	Newburgh			
			999	9	Balance of county			
035	234	1			Orleans	073	6840	
036	272	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	190	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	190	1			Rockland	087	5600	
			087	6	Spring Valley			
			088	6	Suffern			
			999	9	Balance of county			
041	000	2			St. Lawrence	089	0000	
			053	6	Massena			
			064	6	Ogdensburg			
			075	6	Potsdam			
			999	9	Balance of county			
042	004	1			Saratoga	091	0160	
			084	6	Saratoga Springs			
			999	9	Balance of county			
043	004	1			Schenectady	093	0160	
			062	6	Niskayuna town			

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
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	184	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	034	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	106	1		Warren	113	2975
			030 6	Glens Falls		
			999 9	Balance of county		
054	106	1	999 9	Washington	115	2975
055	234	1		Wayne	117	6840
			057 6	Newark		
			999 9	Balance of county		
056	190	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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
34						North Carolina	37
	040	000	2	999	9	Greene	079 0000
	041	112	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	000	2	999	9	Lincoln	109 0000
	056	000	2	999	9	McDowell	111 0000
	057	000	2	999	9	Macon	113 0000
	058	017	1	999	9	Madison	115 0480
	059	000	2	999	9	Martin	117 0000
	060	055	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	300	1			New Hanover	129 9200
				041	5	Wilmington	
				999	9	Balance of county	
	066	000	2	999	9	Northampton	131 0000
	067	128	1			Onslow	133 3605
				023	6	Jacksonville	
				999	9	Balance of county	
	068	225	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	112	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	244	1			Rowan	159 7140
				036	6	Salisbury	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
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	112	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	055	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	225	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	112	1		999	9	Yadkin	197	3120	
100	000	2		999	9	Yancey	199	0000	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
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	036	1			Burleigh	015	1010	
			001	5	Bismarck			
			999	9	Balance of county			
009	089	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	107	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	036	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			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
36					Ohio	39	
	001	000	2	999	9 Adams		001 0000
	002	155	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	155	1	999	9 Auglaize		011 4320
	007	295	1	999	9 Belmont		013 9000
	008	000	2	999	9 Brown		015 0000
	009	115	1		Butler		017 3200
				047	5 Fairfield		
				060	4 Hamilton		
				081	5 Middletown		
				096	6 Oxford		
				999	9 Balance of county		
	010	049	1	999	9 Carroll		019 1320
	011	267	1		Champaign		021 7960
				130	6 Urbana		
				999	9 Balance of county		
	012	267	1		Clark		023 7960
				118	4 Springfield		
				999	9 Balance of county		
	013	060	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	062	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		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	067	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	067	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	067	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	278	1			Fulton	051 8400
027	000	2			Gallia	053 0000
028	062	1			Geauga	055 1680
029	073	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	060	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			Hardin	065 0000
034	000	2			Harrison	067 0000
035	000	2			Henry	069 0000
036	000	2			Highland	071 0000
037	000	2			Hocking	073 0000
038	000	2			Holmes	075 0000
039	000	2			Huron	077 0000
			093	6	Norwalk	
			999	9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
36					Ohio	39		
	040	000	2	999 9	Jackson		079 0000	
	041	270	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	062	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	121	1		Lawrence		087 3400	
				062 6	Ironton			
				999 9	Balance of county			
	045	192	1		Licking		089 5645	
				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	160	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	278	1		Lucas		095 8400	
				075 6	Maumee			
				095 6	Oregon			
				123 6	Sylvania			
				126 2	Toledo			
				999 9	Balance of county			
	049	067	1	999 9	Madison		097 1840	
	050	304	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	062	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	073	1		Miami		109 2000	
				101 6	Piqua			
				127 6	Troy			
				999 9	Balance of county			
	056	000	2	999 9	Monroe		111 0000	
	057	073	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	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	278	1	999	9	Ottawa	123 8400
	063	000	2	999	9	Paulding	125 0000
	064	000	2	999	9	Perry	127 0000
	065	067	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	073	1	999	9	Preble	135 2000
	069	155	1	999	9	Putnam	137 4320
	070	168	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	049	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	304	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	000	2	999	9	Union	159 0000
	081	155	1			Van Wert	161 4320
				132	6	Van Wert	
				999	9	Balance of county	
	082	000	2	999	9	Vinton	163 0000
	083	060	1			Warren	165 1640
				052	6	Franklin	
				999	9	Balance of county	
	084	206	1			Washington	167 6020
				072	6	Marietta	
				999	9	Balance of county	
	085	000	2			Wayne	169 0000
				146	6	Wooster	
				999	9	Balance of county	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
36						Ohio	39
	086	000	2	999	9	Williams	171 0000
	087	278	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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
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	199	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	199	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	152	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	282	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	085	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	098	1	999	9	Le Flore	079 2720
	041	000	2	999	9	Lincoln	081 0000
	042	000	2			Logan	083 0000
				015	6	Guthrie	
				999	9	Balance of county	
	043	000	2	999	9	Love	085 0000
	044	199	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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
37					Oklahoma	40	
	047	000	2	999 9	Major		093 0000
	048	000	2	999 9	Marshall		095 0000
	049	282	1	999 9	Mayes		097 8560
	050	000	2	999 9	Murray		099 0000
	051	000	2		Muskogee		101 0000
				021 5	Muskogee		
				999 9	Balance of county		
	052	000	2	999 9	Noble		103 0000
	053	000	2	999 9	Nowata		105 0000
	054	000	2	999 9	Okfuskee		107 0000
	055	199	1		Oklahoma		109 5880
				005 6	Bethany		
				009 5	Del City		
				012 5	Edmond		
				019 5	Midwest City		
				023 2	Oklahoma City, part		
				030 6	The Village		
				999 9	Balance of county		
	056	000	2		Okmulgee		111 0000
				024 6	Okmulgee		
				999 9	Balance of county		
	057	282	1		Osage		113 8560
				004 5	Bartlesville, part		
				026 6	Sand Springs, part		
				031 2	Tulsa, part		
				999 9	Balance of county		
	058	000	2		Ottawa		115 0000
				018 6	Miami		
				999 9	Balance of county		
	059	000	2	999 9	Pawnee		117 0000
	060	000	2		Payne		119 0000
				029 5	Stillwater		
				999 9	Balance of county		
	061	000	2		Pittsburg		121 0000
				017 6	McAlester		
				999 9	Balance of county		
	062	000	2		Pontotoc		123 0000
				001 6	Ada		
				999 9	Balance of county		
	063	199	1		Pottawatomie		125 5880
				023 2	Oklahoma City, part		
				028 5	Shawnee		
				999 9	Balance of county		
	064	000	2	999 9	Pushmataha		127 0000
	065	000	2	999 9	Roger Mills		129 0000
	066	282	1		Rogers		131 8560
				008 6	Claremore		
				999 9	Balance of county		
	067	000	2	999 9	Seminole		133 0000
	068	098	1	999 9	Sequoyah		135 2720
	069	000	2		Stephens		137 0000
				010 6	Duncan		
				999 9	Balance of county		
	070	000	2	999 9	Texas		139 0000
	071	000	2	999 9	Tillman		141 0000
	072	282	1		Tulsa		143 8560
				006 5	Broken Arrow, part		
				026 6	Sand Springs, part		
				031 2	Tulsa, part		
				999 9	Balance of county		
	073	282	1		Wagoner		145 8560
				006 5	Broken Arrow, part		
				999 9	Balance of county		
	074	000	2		Washington		147 0000
				004 5	Bartlesville, part		
				999 9	Balance of county		
	075	000	2	999 9	Washita		149 0000
	076	000	2	999 9	Woods		151 0000
	077	000	2		Woodward		153 0000
				032 6	Woodward		
				999 9	Balance of county		

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	218	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	170	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	087	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	242	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	218	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	242	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 Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
38						Oregon	
	033	000	2			Wasco	41 065 0000
				005	6	City of the Dalles	
				999	9	Balance of county	
	034	218	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	999	9	Wheeler	069 0000
	036	000	2			Yamhill	071 0000
				017	6	McMinnville	
				020	6	Newberg	
				999	9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
39						Pennsylvania	42		
	001	303	1	999	9	Adams		001	9280
	002	215	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	215	1			Beaver		007	6280
				002	6	Aliquippa			
				007	6	Beaver Falls			
				999	9	Balance of county			
	005	000	2	999	9	Bedford		009	0000
	006	226	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	212	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	132	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	269	1			Centre		027	8050
				118	5	State College			
				999	9	Balance of county			
	015	212	1			Chester		029	6160
				028	6	Coatesville			
				097	6	Phoenixville			
				124	6	Tredyffrin township			
				136	6	West Chester			
				137	6	West Goshen township			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
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	000	2	999 9	Columbia		037	0000
				010 6	Berwick			
				013 6	Bloomsburg			
				999 9	Balance of county			
	020	000	2	999 9	Crawford		039	0000
				073 6	Meadville			
				999 9	Balance of county			
	021	116	1	999 9	Cumberland		041	3240
				021 6	Carlisle			
				038 6	East Pennsboro township			
				062 6	Lower Allen township			
				999 9	Balance of county			
	022	116	1	999 9	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	212	1	999 9	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	086	1	999 9	Erie		049	2360
				042 3	Erie			
				077 5	Millcreek township			
				999 9	Balance of county			
	026	000	2	999 9	Fayette		051	0000
				030 6	Connellsville			
				125 6	Uniontown			
				999 9	Balance of county			
	027	000	2	999 9	Forest		053	0000
	028	000	2	999 9	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	999 9	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	196	1	999 9	Lackawanna		069	5745
				020 6	Carbondale			
				034 6	Dunmore			
				109 4	Scranton			
				999 9	Balance of county			
	036	146	1	999 9	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			

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
39					Pennsylvania			
	037	000	2		Lawrence	42		
				086	New Castle		073	0000
				999	Balance of county			
	038	000	2		Lebanon		075	0000
				061	Lebanon			
				999	Balance of county			
	039	007	1		Lehigh		077	0240
				003	Allentown			
				012	Bethlehem, part			
				040	Emmaus			
				107	Salisbury township			
				141	Whitehall township			
				999	Balance of county			
	040	196	1		Luzerne		079	5745
				050	Hazleton			
				055	Kingston			
				084	Nanticoke			
				143	Wilkes-Barre			
				999	Balance of county			
	041	298	1		Lycoming		081	9140
				145	Williamsport			
				999	Balance of county			
	042	000	2		McKean		083	0000
				014	Bradford			
				999	Balance of county			
	043	257	1		Mercer		085	7610
				112	Sharon			
				999	Balance of county			
	044	000	2		Mifflin		087	0000
	045	196	1		Monroe		089	5745
	046	212	1		Montgomery		091	6160
				001	Abington township			
				025	Cheltenham township			
				036	East Norriton township			
				048	Hatfield township			
				058	Lansdale			
				064	Lower Merion township			
				065	Lower Moreland township			
				067	Lower Providence township			
				089	Norristown			
				100	Plymouth township			
				101	Pottstown			
				116	Springfield township			
				123	Towamencin township			
				128	Upper Dublin township			
				129	Upper Merion township			
				130	Upper Moreland township			
				139	West Norriton township			
				142	Whitemarsh township			
				999	Balance of county			
	047	000	2		Montour		093	0000
	048	007	1		Northampton		095	0240
				012	Bethlehem, part			
				037	Easton			
				094	Palmer township			
				999	Balance of county			
	049	000	2		Northumberland		097	0000
				111	Shamokin			
				119	Sunbury			
				999	Balance of county			
	050	116	1		Perry		099	3240
	051	212	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	Pottsville			
				999	Balance of county			
	055	000	2		Snyder		109	0000
	056	132	1		Somerset		111	3680
	057	000	2		Sullivan		113	0000
	058	034	1		Susquehanna		115	0960
	059	000	2		Tioga		117	0000
	060	000	2		Union		119	0000
	061	000	2		Venango		121	0000
				093	Oil City			

Vital Statistics Codes
St Cnty SMSA M/NM City P/S

State, County, City, or Country Name

FIPS Codes
St Cnty SMSA

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Pennsylvania

42

			999	9	Balance of county	
062	000	2			Warren	123 0000
			134	6	Warren	
			999	9	Balance of county	
063	215	1			Washington	125 6280
			019	6	Canonsburg	
			135	6	Washington	
			999	9	Balance of county	
064	000	2	999	9	Wayne	127 0000
065	215	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	000	2	999	9	Wyoming	131 0000
067	303	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 Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
40						Rhode Island	44
	001	221	1			Bristol	001 6483
				001	6	Barrington town	
				002	6	Bristol town	
				014	6	Warren town	
				999	9	Balance of county	
	002	221	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	221	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	221	1	999	9	Washington	009 6483

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	053	1		Berkeley	015	1440
				011 6	Goose Creek		
				015 6	Hanahan		
				020 4	North Charleston, part		
				999 9	Balance of county		
	009	000	2	999 9	Calhoun	017	0000
	010	053	1		Charleston	019	1440
				004 4	Charleston		
				017 6	Mount Pleasant		
				020 4	North Charleston, part		
				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	053	1	999 9	Dorchester	035	1440
	019	000	2	999 9	Edgefield	037	0000
	020	000	2	999 9	Fairfield	039	0000
	021	094	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	113	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	065	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	113	1		Pickens	077	3160
				007 6	Easley		

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
41						South Carolina	45
				999	9	Balance of county	
	040	065	1			Richland	079 1760
				005	3	Columbia	
				999	9	Balance of county	
	041	000	2	999	9	Saluda	081 0000
	042	113	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	236	1			York	091 6885
				022	5	Rock Hill	
				999	9	Balance of county	

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	262	1		Minnehaha		099 7760
				007	4 Sioux Falls, part		
				999	9 Balance of county		
	050	000	2	999	9 Moody		101 0000
	051	000	2		Pennington		103 0000
				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

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
43						Tennessee	47		
	001	139	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	139	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	131	1			Carter		019	3660
				011	6	Elizabethton			
				019	5	Johnson City, part			
				999	9	Balance of county			
	011	183	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	183	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	183	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	000	2			Grainger		057	0000
	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	057	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	131	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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	000	2	999 9	Jefferson	089	0000
	046	000	2	999 9	Johnson	091	0000
	047	139	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	000	2		Madison	113	0000
				018 5	Jackson		
				999 9	Balance of county		
	058	057	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	061	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	183	1		Robertson	147	5360
				035 6	Springfield		
				999 9	Balance of county		
	075	183	1		Rutherford	149	5360
				029 5	Murfreesboro		
				999 9	Balance of county		
	076	000	2	999 9	Scott	151	0000
	077	057	1	999 9	Sequatchie	153	1560
	078	000	2	999 9	Sevier	155	0000
	079	172	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	131	1		Sullivan	163	3660
				003 6	Bristol		
				020 5	Kingsport, part		
				999 9	Balance of county		
	083	183	1		Sumner	165	5360
				013 6	Gallatin		
				016 5	Hendersonville		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
43					Tennessee	47
			999	9	Balance of county	
084	172	1	999	9	Tipton	167 4920
085	000	2	999	9	Trousdale	169 0000
086	131	1	999	9	Unicoi	171 3660
087	139	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	131	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	183	1			Williamson	187 5360
			012	6	Franklin	
			999	9	Balance of county	
095	183	1			Wilson	189 5360
			023	6	Lebanon	
			999	9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
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	138	1			Bell	027	3810	
				017	6	Belton			
				073	5	Killeen			
				132	5	Temple			
				999	9	Balance of county			
	015	247	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	277	1			Bowie	037	8360	
				134	5	Texarkana			
				999	9	Balance of county			
	020	120	1			Brazoria	039	3360	
				003	6	Alvin			
				006	6	Angleton			
				053	6	Freeport			
				075	6	Lake Jackson			
				107	6	Pearland, part			
				999	9	Balance of county			
	021	045	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	001	1			Callahan	059	0040	
	031	044	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			

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
44					Texas	48		
	037	000	2		Cherokee	073	0000	
				070	6	Jacksonville		
				999	9	Balance of county		
	038	000	2		Childress	075	0000	
	039	297	1		Clay	077	9080	
	040	000	2		Cochran	079	0000	
	041	000	2		Coke	081	0000	
	042	000	2		Coleman	083	0000	
	043	070	1		Collin	085	1920	
				029	5	Carrollton, part		
				036	1	Dallas, part		
				057	3	Garland, part		
				088	6	McKinney		
				111	4	Plano, part		
				116	4	Richardson, part		
				999	9	Balance of county		
	044	000	2		Collingsworth	087	0000	
	045	000	2		Colorado	089	0000	
	046	247	1		Comal	091	7240	
				099	6	New Braunfels, part		
				999	9	Balance of county		
	047	000	2		Comanche	093	0000	
	048	000	2		Concho	095	0000	
	049	000	2		Cooke	097	0000	
				055	6	Gainesville		
				999	9	Balance of county		
	050	138	1		Coryell	099	3810	
				033	6	Copperas Cove		
				999	9	Balance of county		
	051	000	2		Cottle	101	0000	
	052	000	2		Crane	103	0000	
	053	000	2		Crockett	105	0000	
	054	000	2		Crosby	107	0000	
	055	000	2		Culberson	109	0000	
	056	000	2		Dallam	111	0000	
	057	070	1		Dallas	113	1920	
				010	6	Balch Springs		
				029	5	Carrollton, part		
				036	1	Dallas, part		
				041	6	De Soto		
				043	5	Duncanville		
				050	6	Farmers Branch		
				057	3	Garland, part		
				058	4	Grand Prairie, part		
				059	6	Grapevine, part		
				069	3	Irving		
				078	6	Lancaster		
				091	4	Mesquite		
				116	4	Richardson, part		
				139	6	University Park		
				999	9	Balance of county		
	058	000	2		Dawson	115	0000	
				077	6	Lamesa		
				999	9	Balance of county		
	059	000	2		Deaf Smith	117	0000	
				065	6	Hereford		
				999	9	Balance of county		
	060	000	2		Delta	119	0000	
	061	070	1		Denton	121	1920	
				029	5	Carrollton, part		
				036	1	Dallas, part		
				040	5	Denton		
				083	6	Lewisville		
				111	4	Plano, part		
				136	6	The Colony		
				999	9	Balance of county		
	062	000	2		De Witt	123	0000	
	063	000	2		Dickens	125	0000	
	064	000	2		Dimmit	127	0000	
	065	000	2		Donley	129	0000	
	066	000	2		Duval	131	0000	
	067	000	2		Eastland	133	0000	
	068	198	1		Ector	135	5800	
				101	4	Odessa		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
44					Texas		48
			999	9	Balance of county		
069	000	2	999	9	Edwards	137	0000
070	070	1			Ellis	139	1920
			048	6	Ennis		
			058	4	Grand Prairie, part		
			146	6	Waxahachie		
			999	9	Balance of county		
071	082	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	120	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	104	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	259	1			Grayson	181	7640
			039	6	Denison		
			125	5	Sherman		
			999	9	Balance of county		
092	159	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	247	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	120	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		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
44					Texas	48	
			127	6	South Houston		
			149	6	West University Place		
			999	9	Balance of county		
102	159	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	022	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	169	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	070	1	999	9	Hood	221	1920
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	070	1			Johnson	251	1920
			027	6	Burleson, part		
			030	6	Cleburne		
			999	9	Balance of county		
127	001	1			Jones	253	0040
			001	4	Abilene, part		
			999	9	Balance of county		
128	000	2	999	9	Karnes	255	0000
129	070	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

Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
44						Texas	48		
	133	000	2			Kerr		265	0000
				071	6	Kerrville			
				999	9	Balance of county			
	134	000	2	999	9	Kimble		267	0000
	135	000	2	999	9	King		269	0000
	136	000	2	999	9	Kinney		271	0000
	137	000	2			Kleberg		273	0000
				034	3	Corpus Christi, part			
				074	5	Kingsville			
				999	9	Balance of county			
	138	000	2	999	9	Knox		275	0000
	139	000	2			Lamar		277	0000
				105	5	Paris			
				999	9	Balance of county			
	140	000	2	999	9	Lamb		279	0000
	141	000	2	999	9	Lampasas		281	0000
	142	000	2	999	9	La Salle		283	0000
	143	000	2	999	9	Lavaca		285	0000
	144	000	2	999	9	Lee		287	0000
	145	000	2	999	9	Leon		289	0000
	146	120	1	999	9	Liberty		291	3360
	147	000	2	999	9	Limestone		293	0000
	148	000	2	999	9	Lipscomb		295	0000
	149	000	2	999	9	Live Oak		297	0000
	150	000	2	999	9	Llano		299	0000
	151	000	2	999	9	Loving		301	0000
	152	163	1			Lubbock		303	4600
				085	3	Lubbock			
				999	9	Balance of county			
	153	000	2	999	9	Lynn		305	0000
	154	000	2	999	9	McCulloch		307	0000
	155	290	1			McLennan		309	8800
				144	3	Waco			
				999	9	Balance of county			
	156	000	2	999	9	McMullen		311	0000
	157	000	2	999	9	Madison		313	0000
	158	000	2	999	9	Marion		315	0000
	159	000	2	999	9	Martin		317	0000
	160	000	2	999	9	Mason		319	0000
	161	000	2			Matagorda		321	0000
				011	6	Bay City			
				999	9	Balance of county			
	162	000	2			Maverick		323	0000
				044	6	Eagle Pass			
				999	9	Balance of county			
	163	000	2	999	9	Medina		325	0000
	164	000	2	999	9	Menard		327	0000
	165	174	1			Midland		329	5040
				092	4	Midland			
				999	9	Balance of county			
	166	000	2	999	9	Milam		331	0000
	167	000	2	999	9	Mills		333	0000
	168	000	2	999	9	Mitchell		335	0000
	169	000	2	999	9	Montague		337	0000
	170	120	1			Montgomery		339	3360
				032	6	Conroe			
				066	0	Houston, part			
				999	9	Balance of county			
	171	000	2			Moore		341	0000
				042	6	Dumas			
				999	9	Balance of county			
	172	000	2	999	9	Morris		343	0000
	173	000	2	999	9	Motley		345	0000
	174	000	2			Nacogdoches		347	0000
				097	5	Nacogdoches			
				999	9	Balance of county			
	175	000	2			Navarro		349	0000
				035	6	Corsicana			
				999	9	Balance of county			
	176	000	2	999	9	Newton		351	0000
	177	000	2			Nolan		353	0000
				130	6	Sweetwater			
				999	9	Balance of county			
	178	068	1			Nueces		355	1880
				034	3	Corpus Christi, part			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	070	1			Parker	367	1920
				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	070	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	068	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	284	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	070	1			Tarrant	439	1920
				007 3	Arlington		

Vital Statistics Codes				FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
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	246	1		Tom Green	451 7200
			120 4	San Angelo	
			999 9	Balance of county	
227	022	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	287	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	120	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	148	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	297	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	022	1		Williamson	491 0640
			009 2	Austin, part	
			119 6	Round Rock, part	
			131 6	Taylor	
			999 9	Balance of county	

Vital Statistics Codes

FIPS Codes

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

St Cnty SMSA

44

Texas

247	000	2	999	9	Wilson
248	000	2	999	9	Winkler
249	070	1	999	9	Wise
250	000	2	999	9	Wood
251	000	2	999	9	Yoakum
252	000	2	999	9	Young
253	000	2	999	9	Zapata
254	000	2	999	9	Zavala

48

493	0000
495	0000
497	1920
499	0000
501	0000
503	0000
505	0000
507	0000

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
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	245	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	245	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	245	1		Tooele		045	7160
				021 6	Tooele			
				999 9	Balance of county			
	024	000	2	999 9	Uintah		047	0000
	025	222	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	245	1		Weber		057	7160
				010 4	Ogden			
				014 6	Roy			
				018 6	South Ogden			
				999 9	Balance of county			

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	048	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	000	2	999	9 Grand Isle		013 0000
	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

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
47					Virginia	51		
	001	000	2	999 9	Accomack		001	0000
	002	056	1	999 9	Albemarle		003	1540
	003	291	1	001 3	Alexandria city		510	8840
	004	000	2	999 9	Alleghany		005	0000
	005	000	2	999 9	Amelia		007	0000
	006	164	1	999 9	Amherst		009	4640
	007	164	1	999 9	Appomattox		011	4640
	008	291	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	232	1	999 9	Botetourt		023	6800
	015	131	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	164	1	999 9	Campbell		031	4640
	021	000	2	999 9	Caroline		033	0000
	022	000	2	999 9	Carroll		035	0000
	023	230	1	999 9	Charles City		036	6760
	024	000	2	999 9	Charlotte		037	0000
	025	056	1	005 5	Charlottesville city		540	1540
	026	195	1	006 3	Chesapeake city		550	5720
	027	230	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	211	1	008 6	Colonial Heights city		570	6140
	031	000	2	999 9	Covington city		580	0000
	032	232	1	999 9	Craig		045	6800
	033	000	2	999 9	Culpeper		047	0000
	034	000	2	999 9	Cumberland		049	0000
	035	071	1	009 5	Danville city		590	1950
	036	000	2	999 9	Dickenson		051	0000
	037	211	1	999 9	Dinwiddie		053	6140
	038	000	2	999 9	Emporia city		595	0000
	039	000	2	999 9	Essex		057	0000
	040	291	1		Fairfax		059	8840
				015 6	Herndon			
				031 6	Vienna			
				999 9	Balance of county			
	041	291	1	010 6	Fairfax city		600	8840
	042	291	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	056	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	194	1	999 9	Gloucester		073	5680
	053	230	1	999 9	Goochland		075	6760
	054	000	2	999 9	Grayson		077	0000
	055	056	1	999 9	Greene		079	1540
	056	000	2	999 9	Greensville		081	0000
	057	000	2	999 9	Halifax		083	0000
	058	194	1	013 3	Hampton city		650	5680
	059	230	1	999 9	Hanover		085	6760
	060	000	2	014 6	Harrisonburg city		660	0000
	061	230	1	999 9	Henrico		087	6760
	062	000	2	999 9	Henry		089	0000
	063	000	2	999 9	Highland		091	0000
	064	211	1	016 6	Hopewell city		670	6140
	065	000	2	999 9	Isle of Wight		093	0000
	066	194	1	999 9	James City		095	5680
	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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
47					Virginia	51
071	000	2	999	9	Lee	105 0000
072	000	2	999	9	Lexington city	678 0000
073	291	1	999	9	Loudoun	107 8840
074	000	2	999	9	Louisa	109 0000
075	000	2	999	9	Lunenburg	111 0000
076	164	1	017	4	Lynchburg city	680 4640
077	000	2	999	9	Madison	113 0000
078	291	1	018	6	Manassas city	683 8840
079	291	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	230	1	999	9	New Kent	127 6760
087	194	1	020	3	Newport News city	700 5680
088	195	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	211	1	022	5	Petersburg city	730 6140
097	071	1	999	9	Pittsylvania	143 1950
098	194	1	999	9	Poquoson city	735 5680
099	195	1	023	3	Portsmouth city	740 5720
100	230	1	999	9	Powhatan	145 6760
101	000	2	999	9	Prince Edward	147 0000
102	211	1	999	9	Prince George	149 6140
103	291	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	230	1	026	3	Richmond city	760 6760
109	232	1	999	9	Roanoke	161 6800
110	232	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	232	1	028	6	Salem city	775 6800
115	131	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	000	2	999	9	Stafford	179 0000
122	000	2	029	6	Staunton city	790 0000
123	195	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	195	1	032	2	Virginia Beach city	810 5720
128	000	2			Warren	187 0000
			012	6	Front Royal	
			999	9	Balance of county	
129	131	1	999	9	Washington	191 3660
130	000	2	033	6	Waynesboro city	820 0000
131	000	2	999	9	Westmoreland	193 0000
132	194	1	999	9	Williamsburg city	830 5680
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	194	1	999	9	York	199 5680

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
48					Washington	53
	001	000	2	999 9	Adams	001 0000
	002	000	2	999 9	Asotin	003 0000
	003	229	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	218	1		Clark	011 6440
				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	229	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	256	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	042	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	273	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	256	1		Snohomish	061 7600
				007 5	Edmonds	
				009 4	Everett	
				016 6	Lynnwood	

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
48					Washington	53	
			019	6	Mountlake Terrace		
			999	9	Balance of county		
032	264	1			Spokane	063	7840
			031	3	Spokane		
			999	9	Balance of county		
033	000	2	999	9	Stevens	065	0000
034	200	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	030	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	302	1			Yakima	077	9260
			036	5	Yakima		
			999	9	Balance of county		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
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	270	1		Brooke		009 8080
				014 6	Weirton, part		
				999 9	Balance of county		
	006	121	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	270	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	054	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	295	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	069	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	295	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	054	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

Vital Statistics Codes							FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
49						West Virginia	54		
	048	000	2	999	9	Tyler		095	0000
	049	000	2	999	9	Upshur		097	0000
	050	121	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	206	1	999	9	Wirt		105	6020
	054	206	1			Wood		107	6020
				010	5	Parkersburg			
				013	6	Vienna			
				999	9	Balance of county			
	055	000	2	999	9	Wyoming		109	0000

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
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	111	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	081	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	166	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	080	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	081	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	137	1		Kenosha	059	3800
				021 4	Kenosha		
				999 9	Balance of county		
	031	000	2	999 9	Kewaunee	061	0000
	032	141	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	293	1		Marathon	073	8940
				026 6	Marshfield, part		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
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	175	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	175	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	224	1			Racine	101	6600
			039	4	Racine		
			999	9	Balance of county		
053	000	2	999	9	Richland	103	0000
054	129	1			Rock	105	3620
			005	5	Beloit		
			019	4	Janesville		
			999	9	Balance of county		
055	000	2	999	9	Rusk	107	0000
056	176	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	258	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	175	1			Washington	131	5080
			014	6	Germantown		
			032	1	Milwaukee, part		
			053	6	West Bend		
			999	9	Balance of county		
068	175	1			Waukesha	133	5080
			006	5	Brookfield		
			028	5	Menomonee Falls		
			034	6	Muskego		
			036	5	New Berlin		

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			St Cnty	SMSA
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	000	2		Laramie		021	0000
			002 5	Cheyenne			
			999 9	Balance of county			
012	000	2	999 9	Lincoln		023	0000
013	050	1		Natrona		025	1350
			001 4	Casper			
			999 9	Balance of county			
014	000	2	999 9	Niobrara		027	0000
015	000	2	999 9	Park		029	0000
016	000	2	999 9	Platte		031	0000
017	000	2		Sheridan		033	0000
			008 6	Sheridan			
			999 9	Balance of county			
018	000	2	999 9	Sublette		035	0000
019	000	2		Sweetwater		037	0000
			004 6	Green River			
			007 6	Rock Springs			
			999 9	Balance of county			
020	000	2	999 9	Teton		039	0000
021	000	2	999 9	Uinta		041	0000
022	000	2	999 9	Washakie		043	0000
023	000	2	999 9	Weston		045	0000

Vital Statistics Codes						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
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 Standard Metropolitan Statistical Areas
and their Component Counties

Standard Metropolitan Statistical Areas Established in 1980
and Adapted for Use by DVS

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
001	44		Abilene, Tex Texas	0040	48	
		030	Callahan			059
		127	Jones			253
		221	Taylor			441
002	36		Akron, Ohio Ohio	0080	39	
		067	Portage			133
		077	Summit			153
003	11		Albany, Ga Georgia	0120	13	
		047	Dougherty			095
		088	Lee			177
004	33		Albany-Schenectady-Troy, N.Y New York	0160	36	
		001	Albany			001
		027	Montgomery			057
		019	Rensselaer			083
		042	Saratoga			091
		043	Schenectady			093
005	32		Albuquerque, N. Mex New Mexico	0200	35	
		001	Bernalillo			001
		024	Sandoval			043
006	19		Alexandria, La Louisiana	0220	22	
		022	Grant			043
		040	Rapides			079
007	31		Allentown-Bethlehem-Easton, Pa.-N.J New Jersey	0240	34	
		021	Warren			041
	39		Pennsylvania		42	
		013	Carbon			025
		039	Lehigh			077
		048	Northampton			095
008	39		Altoona, Pa Pennsylvania	0280	42	
		007	Blair			013
009	44		Amarillo, Tex Texas	0320	48	
		188	Potter			375
		191	Randall			381
010	05		Anaheim-Santa Ana-Garden Grove, Calif California	0360	06	
		030	Orange			059
011	02		Anchorage, Alaska Alaska	0380	02	
		002	Anchorage, coext. with Anchorage city			020
012	15		Anderson, Ind Indiana	0400	18	
		048	Madison			095
013	41		Anderson, S.C South Carolina	0405	45	
		004	Anderson			007
014	23		Ann Arbor, Mich Michigan	0440	26	
		081	Washtenaw			161
015	01		Anniston, Ala Alabama	0450	01	
		008	Calhoun			015

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
016	50		Appleton-Oshkosh, Wis	0460		
			Wisconsin		55	
		008	Calumet			015
		045	Outagamie			087
		071	Winnebago			139
017	34		Asheville, N.C	0480		
			North Carolina		37	
		011	Buncombe			021
		058	Madison			115
018	11		Athens, Ga	0500		
			Georgia		13	
		029	Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, Ga	0520		
			Georgia		13	
		018	Butts			035
		028	Cherokee			057
		031	Clayton			063
		033	Cobb			067
		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
		147	Walton			297
020	31		Atlantic City, N.J	0560		
			New Jersey		34	
		001	Atlantic			001
021	11		Augusta, Ga.-S.C	0600		
			Georgia		13	
		036	Columbia			073
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	44		Austin, Tex	0640		
			Texas		48	
		105	Hays			209
		227	Travis			453
		246	Williamson			491
023	05		Bakersfield, Calif	0680		
			California		06	
		015	Kern			029
024	21		Baltimore, Md	0720		
			Maryland		24	
		002	Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
025	20		Bangor, Maine	0733		
			Maine		23	
		010	Penobscot			019
026	19		Baton Rouge, La	0760		
			Louisiana		22	
		003	Ascension			005
		017	East Baton Rouge			033
		032	Livingston			063
		061	West Baton Rouge			121

Vital Statistics Codes				FIPS Codes		
SMSA	State	County	SMSA Name and County Components	SMSA	State	Cnty
027	23		Battle Creek, Mich	0780		
			Michigan		26	
		008	Barry			015
		013	Calhoun			025
028	23		Bay City, Mich	0800		
			Michigan		26	
		009	Bay			017
029	44		Beaumont-Port Arthur-Orange, Tex	0840		
			Texas		48	
		100	Hardin			199
		123	Jefferson			245
		181	Orange			361
030	48		Bellingham, Wash	0860		
			Washington		53	
		037	Whatcom			073
031	23		Benton Harbor, Mich	0870		
			Michigan		26	
		011	Berrien			021
032	27		Billings, Mont	0880		
			Montana		30	
		056	Yellowstone			111
033	25		Biloxi-Gulfport, Miss	0920		
			Mississippi		28	
		023	Hancock			045
		024	Harrison			047
		066	Stone			131
034	33		Binghamton, N.Y.-Pa	0960		
			New York		36	
		003	Broome			007
		050	Tioga			107
	39		Pennsylvania		42	
		058	Susquehanna			115
035	01		Birmingham, Ala	1000		
			Alabama		01	
		037	Jefferson			073
		058	St. Clair			115
		059	Shelby			117
		064	Walker			127
036	35		Bismarck, N.Dak	1010		
			North Dakota		38	
		008	Burleigh			015
		030	Morton			059
037	15		Bloomington, Ind	1020		
			Indiana		18	
		053	Monroe			105
038	14		Bloomington-Normal, Ill	1040		
			Illinois		17	
		057	McLean			113
039	13		Boise City, Idaho	1080		
			Idaho		16	
		001	Ada			001
040	22		Boston-Lowell-Brockton-Lawrence-Haverhill, Mass	1123		
			Massachusetts		25	
		005	Essex			009
		009	Middlesex			017
		011	Norfolk			021
		012	Plymouth			023
		013	Suffolk			025
041	10		Bradenton, Fla	1140		
			Florida		12	
		041	Manatee			081

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
042	48	018	Bremerton, Wash Washington Kitsap	1150	53	035
043	07	001	Bridgeport-Stamford-Norwalk-Danbury, Conn Connecticut Fairfield	1163	09	001
044	44	031	Brownsville-Harlingen-San Benito, Tex Texas Cameron	1240	48	061
045	44	021	Bryan-College Station, Tex Texas Brazos	1260	48	041
046	33	014 030	Buffalo, N.Y New York Erie Niagara	1280	36	029 063
047	34	001	Burlington, N.C North Carolina Alamance	1300	37	001
048	46	004	Burlington, Vt Vermont Chittenden	1303	50	007
049	36	010 076	Canton, Ohio Ohio Carroll Stark	1320	39	019 151
050	51	013	Casper, Wyo Wyoming Natrona	1350	56	025
051	16	057	Cedar Rapids, Iowa Iowa Linn	1360	19	113
052	14	010	Champaign-Urbana-Rantoul, Ill Illinois Champaign	1400	17	019
053	41	008 010 018	Charleston-North Charleston, S.C South Carolina Berkeley Charleston Dorchester	1440	45	015 019 035
054	49	020 040	Charleston, W. Va West Virginia Kanawha Putnam	1480	54	039 079
055	34	036 060 090	Charlotte-Gastonia, N.C North Carolina Gaston Mecklenburg Union	1520	37	071 119 179
056	47	002 025 045 055	Charlottesville, Va Virginia Albemarle Charlottesville city Fluvanna Greene	1540	51	003 540 065 079

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
057			Chattanooga, Tenn.-Ga	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		039	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
058			Chicago, Ill	1600		
	14		Illinois		17	
		016	Cook			031
		022	Du Page			043
		045	Kane			089
		049	Lake			097
		056	McHenry			111
		099	Will			197
059			Chico, Calif	1620		
	05		California		06	
		004	Butte			007
060			Cincinnati, Ohio-Ky.-Ind	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
061			Clarksville-Hopkinsville, Tenn.-Ky	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
062			Cleveland, Ohio	1680		
	36		Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
063			Colorado Springs, Colo	1720		
	06		Colorado		08	
		021	El Paso			041
		060	Teller			119
064			Columbia, Mo	1740		
	26		Missouri		29	
		010	Boone			019
065			Columbia, S.C	1760		
	41		South Carolina		45	
		032	Lexington			063
		040	Richland			079
066			Columbus, Ga.-Ala	1800		
	01		Alabama		01	
		057	Russell			113
	11		Georgia		13	
		026	Chattahoochee			053
		106	Muscogee			215
067			Columbus, Ohio	1840		
	36		Ohio		39	
		021	Delaware			041
		023	Fairfield			045
		025	Franklin			049
		049	Madison			097
		065	Pickaway			129

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes	
SMSA	State	County		SMSA	State Cnty
068	44		Corpus Christi, Tex	1880	
			Texas		48
		178	Nueces		355
		205	San Patricio		409
069	21		Cumberland, Md.-W. Va	1900	
			Maryland		24
		001	Allegany		001
		49	West Virginia		54
		029	Mineral		057
070	44		Dallas-Fort Worth, Tex	1920	
			Texas		48
		043	Collin		085
		057	Dallas		113
		061	Denton		121
		070	Ellis		139
		111	Hood		221
		126	Johnson		251
		129	Kaufman		257
		184	Parker		367
		199	Rockwall		397
		220	Tarrant		439
		249	Wise		497
071	47		Danville, Va	1950	
			Virginia		51
		035	Danville city		590
		097	Pittsylvania		143
072	14		Davenport-Rock Island-Moline, Iowa-Ill	1960	
			Illinois		17
		037	Henry		073
		081	Rock Island		161
		16	Iowa		19
		082	Scott		163
073	36		Dayton, Ohio	2000	
			Ohio		39
		029	Greene		057
		055	Miami		109
		057	Montgomery		113
		068	Preble		135
074	10		Daytona Beach, Fla	2020	
			Florida		12
		064	Volusia		127
075	14		Decatur, Ill	2040	
			Illinois		17
		058	Macon		115
076	06		Denver-Boulder, Colo	2080	
			Colorado		08
		001	Adams		001
		003	Arapahoe		005
		007	Boulder		013
		016	Denver, coext. with Denver city		031
		018	Douglas		035
		024	Gilpin		047
		030	Jefferson		059
077	16		Des Moines, Iowa	2120	
			Iowa		19
		077	Polk		153
		091	Warren		181
078	23		Detroit, Mich	2160	
			Michigan		26
		044	Lapeer		087
		047	Livingston		093
		050	Macomb		099
		063	Oakland		125
		074	St. Clair		147
		082	Wayne		163

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
079	16	031	Dubuque, Iowa Iowa Dubuque	2200	19	061
080	24	069	Duluth-Superior, Minn.-Wis Minnesota St. Louis	2240	27	137
	50	016	Wisconsin Douglas		55	031
081	50	009	Eau Claire, Wis Wisconsin Chippewa	2290	55	017
		018	Eau Claire			035
082	44	071	El Paso, Tex Texas El Paso	2320	48	141
083	15	020	Elkhart, Ind Indiana Elkhart	2330	18	039
084	33	007	Elmira, N.Y New York Chemung	2335	36	015
085	37	024	Enid, Okla Oklahoma Garfield	2340	40	047
086	39	025	Erie, Pa Pennsylvania Erie	2360	42	049
087	38	020	Eugene-Springfield, Oreg Oregon Lane	2400	41	039
088	15	026	Evansville, Ind.-Ky Indiana Gibson	2440	18	051
		065	Posey			129
		082	Vanderburgh			163
		087	Warrick			173
	18	051	Kentucky Henderson		21	101
089	24	014	Fargo-Moorhead, N.Dak.-Minn Minnesota Clay	2520	27	027
	35	009	North Dakota Cass		38	017
090	34	026	Fayetteville, N.C North Carolina Cumberland	2560	37	051
091	04	004	Fayetteville-Springdale, Ark Arkansas Benton	2580	05	007
		072	Washington			143
092	23	025	Flint, Mich Michigan Genesee	2640	26	049
		078	Shiawassee			155
093	01	017	Florence, Ala Alabama Colbert	2650	01	033
		039	Lauderdale			077
094	41	021	Florence, S.C South Carolina Florence	2655	45	041

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
095	06	035	Fort Collins, Colo Colorado Larimer	2670	08	069
096	10	006	Fort Lauderdale-Hollywood, Fla Florida Broward	2680	12	011
097	10	036	Fort Myers-Cape Coral, Fla Florida Lee	2700	12	071
098	04	017 066 37 040 068	Fort Smith, Ark.-Okla Arkansas Crawford Sebastian Oklahoma Le Flore Sequoyah	2720	05 40	033 131 079 135
099	10	046	Fort Walton Beach, Fla Florida Okaloosa	2750	12	091
100	15	001 002 017 090	Fort Wayne, Ind Indiana Adams Allen De Kalb Wells	2760	18	001 003 033 179
101	05	010	Fresno, Calif California Fresno	2840	06	019
102	01	028	Gadsden, Ala Alabama Etowah	2880	01	055
103	10	001	Gainesville, Fla Florida Alachua	2900	12	001
104	44	084	Galveston-Texas City, Tex Texas Galveston	2920	48	167
105	15	045 064	Gary-Hammond-East Chicago, Ind Indiana Lake Porter	2960	18	089 127
106	33	053 054	Glens Falls, N.Y New York Warren Washington	2975	36	113 115
107	24 35	060 018	Grand Forks, N.Dak.-Minn Minnesota Polk North Dakota Grand Forks	2985	27 38	119 035
108	23	041 070	Grand Rapids, Mich Michigan Kent Ottawa	3000	26	081 139
109	27	007	Great Falls, Mont Montana Cascade	3040	30	013
110	06	062	Greeley, Colo Colorado Weid	3060	08	123

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
111	50	005	Green Bay, Wis Wisconsin Brown	3080	55	009
112	34	029 034 041 076 085 099	Greensboro--Winston-Salem--High Point, N.C North Carolina Davidson Forsyth Guilford Randolph Stokes Yadkin	3120	37	057 067 081 151 169 197
113	41	023 039 042	Greenville-Spartanburg, S.C South Carolina Greenville Pickens Spartanburg	3160	45	045 077 083
114	21	022	Hagerstown, Md Maryland Washington	3180	24	043
115	36	009	Hamilton-Middletown, Ohio Ohio Butler	3200	39	017
116	39	021 022 050	Harrisburg, Pa Pennsylvania Cumberland Dauphin Perry	3240	42	041 043 099
117	07	002 004 007	Hartford-New Britain-Bristol, Conn Connecticut Hartford Middlesex Tolland	3283	09	003 007 013
118	34	002 018	Hickory, N.C North Carolina Alexander Catawba	3290	37	003 035
119	12	002	Honolulu, Hawaii Hawaii Honolulu	3320	15	003
120	44	020 079 101 146 170 237	Houston, Tex Texas Brazoria Fort Bend Harris Liberty Montgomery Waller	3360	48	039 157 201 291 339 473
121	18	010 045 044 006 050	Huntington-Ashland, W. Va.-Ky.-Ohio Kentucky Boyd Greenup Ohio Lawrence West Virginia Cabell Wayne	3400	21	019 089 087 011 099
122	01	042 045 048	Huntsville, Ala Alabama Limestone Madison Marshall	3440	01	083 089 095

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
123	15		Indianapolis, Ind	3480	18	
		006	Indiana			011
		029	Boone			057
		030	Hamilton			059
		032	Hancock			063
		041	Hendricks			081
		049	Johnson			097
		055	Marion			109
		073	Morgan			145
			Shelby			
124	16		Iowa City, Iowa	3500	19	
			Iowa			
		052	Johnson			103
125	23		Jackson, Mich	3520	26	
			Michigan			
		038	Jackson			075
126	25		Jackson, Miss	3560	28	
			Mississippi			
		025	Hinds			049
		061	Rankin			121
127	10		Jacksonville, Fla	3600	12	
			Florida			
		002	Baker			003
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109
128	34		Jacksonville, N.C	3605	37	
			North Carolina			
		067	Onslow			133
129	50		Janesville-Beloit, Wis	3620	55	
			Wisconsin			
		054	Rock			105
130	31		Jersey City, N.J	3640	34	
			New Jersey			
		009	Hudson			017
131	43		Johnson City-Kingsport-Bristol, Tenn.-Va	3660	47	
			Tennessee			
		010	Carter			019
		037	Hawkins			073
		082	Sullivan			163
		086	Unicoi			171
		090	Washington			179
	47		Virginia		51	
		015	Bristol city			520
		115	Scott			169
		129	Washington			191
132	39		Johnstown, Pa	3680	42	
			Pennsylvania			
		011	Cambria			021
		056	Somerset			111
133	26		Joplin, Mo	3710	29	
			Missouri			
		049	Jasper			097
		073	Newton			145
134	23		Kalamazoo-Portage, Mich	3720	26	
			Michigan			
		039	Kalamazoo			077
		080	Van Buren			159
135	14		Kankakee, Ill	3740	17	
			Illinois			
		046	Kankakee			091

Vital Statistics Codes			FIPS Codes		
SMSA	State	County	SMSA Name and County Components	SMSA	State Cnty
136			Kansas City, Mo.-Kans	3760	
	17		Kansas		20
		046	Johnson		091
		105	Wyandotte		209
	26		Missouri		29
		019	Cass		037
		024	Clay		047
		048	Jackson		095
		083	Platte		165
		089	Ray		177
137			Kenosha, Wis	3800	
	50		Wisconsin		55
		030	Kenosha		059
138			Killeen-Temple, Tex	3810	
	44		Texas		48
		014	Bell		027
		050	Coryell		099
139			Knoxville, Tenn	3840	
	43		Tennessee		47
		001	Anderson		001
		005	Blount		009
		047	Knox		093
		087	Union		173
140			Kokomo, Ind	3850	
	15		Indiana		18
		034	Howard		067
		080	Tipton		159
141			La Crosse, Wis	3870	
	50		Wisconsin		55
		032	La Crosse		063
142			Lafayette, La	3880	
	19		Louisiana		22
		028	Lafayette		055
143			Lafayette-West Lafayette, Ind	3920	
	15		Indiana		18
		079	Tippecanoe		157
144			Lake Charles, La	3960	
	19		Louisiana		22
		010	Calcasieu		019
145			Lakeland-Winter Haven, Fla	3980	
	10		Florida		12
		053	Polk		105
146			Lancaster, Pa	4000	
	39		Pennsylvania		42
		036	Lancaster		071
147			Lansing-East Lansing, Mich	4040	
	23		Michigan		26
		019	Clinton		037
		023	Eaton		045
		033	Ingham		065
		034	Ionia		067
148			Laredo, Tex	4080	
	44		Texas		48
		240	Webb		479
149			Las Cruces, N.Mex	4100	
	32		New Mexico		35
		008	Dona Ana		013
150			Las Vegas, Nev	4120	
	29		Nevada		32
		003	Clark		003

Vital Statistics Codes				FIPS Codes		
SMSA	State	County	SMSA Name and County Components	SMSA	State	Cnty
151	17	023	Lawrence, Kans Kansas Douglas	4150	20	045
152	37	016	Lawton, Okla Oklahoma Comanche	4200	40	031
153	20	001	Lewiston-Auburn, Maine Maine Androscoggin	4243	23	001
154	18	009 025 034 057 105 120	Lexington-Fayette, Ky Kentucky Bourbon Clark Fayette, coext. with Lexington-Fayette Jessamine Scott Woodford	4280	21	017 049 067 113 209 239
155	36	002 006 069 081	Lima, Ohio Ohio Allen Auglaize Putnam Van Wert	4320	39	003 011 137 161
156	28	055	Lincoln, Nebr Nebraska Lancaster	4360	31	109
157	04	060 063	Little Rock-North Little Rock, Ark Arkansas Pulaski Saline	4400	05	119 125
158	31	013	Long Branch-Asbury Park, N.J New Jersey Monmouth	4410	34	025
159	44	092 102	Longview-Marshall, Tex Texas Gregg Harrison	4420	48	183 203
160	36	047	Lorain-Elyria, Ohio Ohio Lorain	4440	39	093
161	05	019	Los Angeles-Long Beach, Calif California Los Angeles	4480	06	037
162	15	010 022	Louisville, Ky.-Ind Indiana Clark Floyd	4520	18	019 043
	18	015 056 093	Kentucky Bullitt Jefferson Oldham		21	029 111 185
163	44	152	Lubbock, Tex Texas Lubbock	4600	48	303
164	47	006 007 020 076	Lynchburg, Va Virginia Amherst Appomattox Campbell Lynchburg city	4640	51	009 011 031 680

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
165	11		Macon, Ga	4680		
			Georgia		13	
		011	Bibb			021
		076	Houston			153
		084	Jones			169
		143	Twiggs			289
166	50		Madison, Wis	4720		
			Wisconsin		55	
		013	Dane			025
167	30		Manchester-Nashua, N.H	4763		
			New Hampshire		33	
		006	Hillsborough			011
168	36		Mansfield, Ohio	4800		
			Ohio		39	
		070	Richland			139
169	44		McAllen-Pharr-Edinburg, Tex	4880		
			Texas		48	
		108	Hidalgo			215
170	38		Medford, Oreg	4890		
			Oregon		41	
		015	Jackson			029
171	10		Melbourne-Titusville-Cocoa, Fla	4900		
			Florida		12	
		005	Brevard			009
172	04		Memphis, Tenn.-Ark.-Miss	4920		
			Arkansas		05	
		018	Crittenden			035
		25	Mississippi		28	
		017	De Soto			033
		43	Tennessee		47	
		079	Shelby			157
		084	Tipton			167
173	10		Miami, Fla	5000		
			Florida		12	
		013	Dade			025
174	44		Midland, Tex	5040		
			Texas		48	
		165	Midland			329
175	50		Milwaukee, Wis	5080		
			Wisconsin		55	
		041	Milwaukee			079
		046	Ozaukee			089
		067	Washington			131
		068	Waukesha			133
176	24		Minneapolis-St. Paul, Minn.-Wis	5120		
			Minnesota		27	
		002	Anoka			003
		010	Carver			019
		013	Chisago			025
		019	Dakota			037
		027	Hennepin			053
		062	Ramsey			123
		070	Scott			139
		082	Washington			163
		086	Wright			171
		50	Wisconsin		55	
		056	St. Croix			109
177	01		Mobile, Ala	5160		
			Alabama		01	
		002	Baldwin			003
		049	Mobile			097

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Vital Statistics Codes SMSA	Statistics Codes		SMSA Name and County Components	FIPS Codes		
	State	County		SMSA	State	Cnty
178	05	050	Modesto, Calif California Stanislaus	5170	06	099
179	19	037	Monroe, La Louisiana Ouachita	5200	22	073
180	01	001 026 051	Montgomery, Ala Alabama Autauga Elmore Montgomery	5240	01	001 051 101
181	15	018	Muncie, Ind Indiana Delaware	5280	18	035
182	23	061 064	Muskegon-Norton Shores-Muskegon Heights, Mich Michigan Muskegon Oceana	5320	26	121 127
183	43	011 019 022 074 075 083 094 095	Nashville-Davidson, Tenn Tennessee Cheatham Davidson Dickson Robertson Rutherford Sumner Williamson Wilson	5360	47	021 037 043 147 149 165 187 189
184	33	028 048	Nassau-Suffolk, N.Y New York Nassau Suffolk	5380	36	059 103
185	22	003	New Bedford-Fall River, Mass Massachusetts Bristol	5403	25	005
186	31	012	New Brunswick-Perth Amboy-Sayreville, N.J New Jersey Middlesex	5460	34	023
187	07	005	New Haven-Waterbury-Meriden, Conn Connecticut New Haven	5483	09	009
188	07	006	New London-Norwich, Conn Connecticut New London	5523	09	011
189	19	026 036 044 052	New Orleans, La Louisiana Jefferson Orleans, coext. with New Orleans city St. Bernard St. Tammany	5560	22	051 071 087 103
190	31 33	002 029 038 040 056	New York, N.Y.-N.J New Jersey Bergen New York New York city Putnam Rockland Westchester	5600	34 36	003 061 079 087 119

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
191	31		Newark, N.J New Jersey	5640	34	
		007	Essex			013
		014	Morris			027
		018	Somerset			035
		020	Union			039
192	36		Newark, Ohio Ohio	5645	39	
		045	Licking			089
193	33		Newburgh-Middletown, N.Y New York	5660	36	
		034	Orange			071
194	47		Newport News-Hampton, Va Virginia	5680	51	
		052	Gloucester			073
		058	Hampton city			650
		066	James City			095
		087	Newport News city			700
		098	Poquoson city			735
		132	Williamsburg city			830
		136	York			199
195	34		Norfolk-Virginia Beach-Portsmouth, Va.-N.C North Carolina	5720	37	
		027	Currituck			053
	47		Virginia		51	
		026	Chesapeake city			550
		088	Norfolk city			710
		099	Portsmouth city			740
		123	Suffolk city			800
		127	Virginia Beach city			810
196	39		Northeast Pennsylvania Pennsylvania	5745	42	
		035	Lackawanna			069
		040	Luzerne			079
		045	Monroe			089
197	10		Ocala, Fla Florida	5790	12	
		042	Marion			083
198	44		Odessa, Tex Texas	5800	48	
		068	Ector			135
199	37		Oklahoma City, Okla Oklahoma	5880	40	
		009	Canadian			017
		014	Cleveland			027
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
200	48		Olympia, Wash Washington	5910	53	
		034	Thurston			067
201	16		Omaha, Nebr.-Iowa Iowa	5920	19	
		078	Pottawattamie			155
	28		Nebraska		31	
		028	Douglas			055
		077	Sarpy			153
202	10		Orlando, Fla Florida	5960	12	
		048	Orange			095
		049	Osceola			097
		059	Seminole			117

Vital Statistics Codes				FIPS Codes		
SMSA	State	County	SMSA Name and County Components	SMSA	State	Cnty
203	18	030	Owensboro, Ky Kentucky Davies	5990	21	059
204	05	056	Oxnard-Simi Valley-Ventura, Calif California Ventura	6000	06	111
205	10	003	Panama City, Fla Florida Bay	6015	12	005
206	36	084	Parkersburg-Marietta, W. Va.-Ohio Ohio Washington	6020	39	167
	49	053	West Virginia Wirt		54	105
		054	Wood			107
207	25	030	Pascagoula-Moss Point, Miss Mississippi Jackson	6025	28	059
208	31	016	Paterson-Clifton-Passaic, N.J New Jersey Passaic	6040	34	031
209	10	017	Pensacola, Fla Florida Escambia	6080	12	033
		057	Santa Rosa			113
210	14	072	Peoria, Ill Illinois Peoria	6120	17	143
		090	Tazewell			179
		102	Woodford			203
211	47	030	Petersburg-Colonial Heights-Hopewell, Va Virginia Colonial Heights city	6140	51	570
		037	Dinwiddie			053
		064	Hopewell city			670
		096	Petersburg city			730
		102	Prince George			149
212	31	003	Philadelphia, Pa.-N.J New Jersey Burlington	6160	34	005
		004	Camden			007
		008	Gloucester			015
	39	009	Pennsylvania Bucks		42	017
		015	Chester			029
		023	Delaware			045
		046	Montgomery			091
		051	Philadelphia, coext. with Philadelphia city			101
213	03	007	Phoenix, Ariz Arizona Maricopa	6200	04	013
214	04	035	Pine Bluff, Ark Arkansas Jefferson	6240	05	069
215	39	002	Pittsburgh, Pa Pennsylvania Allegheny	6280	42	003
		004	Beaver			007
		063	Washington			125
		065	Westmoreland			129
216	22	002	Pittsfield, Mass Massachusetts Berkshire	6323	25	003

Vital Statistics Codes SMSA	Statistics Codes		SMSA Name and County Components	FIPS Codes		
	State	County		SMSA	State	Cnty
217	20	003 012	Portland, Maine Maine Cumberland Sagadahoc	6403	23	005 023
218	38	003 026 034	Portland, Oreg.-Wash Oregon Clackamas Multnomah Washington	6440	41	005 051 067
	48	006	Washington Clark		53	011
219	20	016	Portsmouth-Dover-Rochester, N.H.-Maine Maine York	6453	23	031
	30	008 009	New Hampshire Rockingham Strafford		33	015 017
220	33	013	Poughkeepsie, N.Y. New York Dutchess	6460	36	027
221	40	001 002 004 005	Providence-Warwick-Pawtucket, R.I. Rhode Island Bristol Kent Providence Washington	6483	44	001 003 007 009
222	45	025	Provo-Orem, Utah Utah Utah	6520	49	049
223	06	051	Pueblo, Colo Colorado Pueblo	6560	08	101
224	50	052	Racine, Wis Wisconsin Racine	6600	55	101
225	34	032 068 092	Raleigh-Durham, N.C North Carolina Durham Orange Wake	6640	37	063 135 183
226	39	006	Reading, Pa Pennsylvania Berks	6680	42	011
227	05	045	Redding, Calif California Shasta	6690	06	089
228	29	016	Reno, Nev Nevada Washoe	6720	32	031
229	48	003 011	Richland-Kennewick-Pasco, Wash Washington Benton Franklin	6740	53	005 021
230	47	023 027 053 059 061 086 100 108	Richmond, Va Virginia Charles City Chesterfield Goochland Hanover Henrico New Kent Powhatan Richmond city	6760	51	036 041 075 085 087 127 145 760

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
231	05		Riverside-San Bernardino-Ontario, Calif	6780		
		033	California		06	
		036	Riverside			065
			San Bernardino			071
232	47		Roanoke, Va	6800		
			Virginia		51	
		014	Botetourt			023
		032	Craig			045
		109	Roanoke			161
		110	Roanoke city			770
		114	Salem city			775
233	24		Rochester, Minn	6820		
			Minnesota		27	
		055	Olmsted			109
234	33		Rochester, N.Y	6840		
			New York		36	
		024	Livingston			051
		026	Monroe			055
		033	Ontario			069
		035	Orleans			073
		055	Wayne			117
235	14		Rockford, Ill	6880		
			Illinois		17	
		004	Boone			007
		101	Winnebago			201
236	41		Rock Hill, S.C	6885		
			South Carolina		45	
		046	York			091
237	05		Sacramento, Calif	6920		
			California		06	
		031	Placer			061
		034	Sacramento			067
		057	Yolo			113
238	23		Saginaw, Mich	6960		
			Michigan		26	
		073	Saginaw			145
239	24		St. Cloud, Minn	6980		
			Minnesota		27	
		005	Benton			009
		071	Sherburne			141
		073	Stearns			145
240	26		St. Joseph, Mo	7000		
			Missouri		29	
		002	Andrew			003
		011	Buchanan			021
241	14		St. Louis, Mo.-Ill	7040		
			Illinois		17	
		014	Clinton			027
		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
242	38		Salem, Oreg	7080		
			Oregon		41	
		024	Marion			047
		027	Polk			053
243	05		Salinas-Seaside-Monterey, Calif	7120		
			California		06	
		027	Monterey			053

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Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
244	34		Salisbury-Concord, N.C	7140		
			North Carolina		37	
		013	Cabarrus			025
		080	Rowan			159
245	45		Salt Lake City-Ogden, Utah	7160		
			Utah		49	
		006	Davis			011
		018	Salt Lake			035
		023	Tooele			045
		029	Weber			057
246	44		San Angelo, Tex	7200		
			Texas		48	
		226	Tom Green			451
247	44		San Antonio, Tex	7240		
			Texas		48	
		015	Bexar			029
		046	Comal			091
		094	Guadalupe			187
248	05		San Diego, Calif	7320		
			California		06	
		037	San Diego			073
249	05		San Francisco-Oakland, Calif	7360		
			California		06	
		001	Alameda			001
		007	Contra Costa			013
		021	Marin			041
		038	San Francisco, coext. with San Francisco city			075
		041	San Mateo			081
250	05		San Jose, Calif	7400		
			California		06	
		043	Santa Clara			085
251	05		Santa Barbara-Santa Maria-Lompoc, Calif	7480		
			California		06	
		042	Santa Barbara			083
252	05		Santa Cruz, Calif	7485		
			California		06	
		044	Santa Cruz			087
253	05		Santa Rosa, Calif	7500		
			California		06	
		049	Sonoma			097
254	10		Sarasota, Fla	7510		
			Florida		12	
		058	Sarasota			115
255	11		Savannah, Ga	7520		
			Georgia		13	
		015	Bryan			029
		025	Chatham			051
		051	Effingham			103
256	48		Seattle-Everett, Wash	7600		
			Washington		53	
		017	King			033
		031	Snohomish			061
257	39		Sharon, Pa	7610		
			Pennsylvania		42	
		043	Mercer			085
258	50		Sheboygan, Wis	7620		
			Wisconsin		55	
		060	Sheboygan			117
259	44		Sherman-Denison, Tex	7640		
			Texas		48	
		091	Grayson			181

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
260	19		Shreveport, La	7680		
			Louisiana		22	
		008	Bossier			015
		009	Caddo			017
		060	Webster			119
261	16		Sioux City, Iowa-Nebr	7720		
			Iowa		19	
		097	Woodbury			193
	28		Nebraska		31	
		022	Dakota			043
262	42		Sioux Falls, S. Dak	7760		
			South Dakota		46	
		049	Minnehaha			099
263	15		South Bend, Ind	7800		
			Indiana		18	
		050	Marshall			099
		071	St. Joseph			141
264	48		Spokane, Wash	7840		
			Washington		53	
		032	Spokane			063
265	14		Springfield, Ill	7880		
			Illinois		17	
		065	Menard			129
		084	Sangamon			167
266	26		Springfield, Mo	7920		
			Missouri		29	
		022	Christian			043
		039	Greene			077
267	36		Springfield, Ohio	7960		
			Ohio		39	
		011	Champaign			021
		012	Clark			023
268	22		Springfield-Chicopee-Holyoke, Mass	8003		
			Massachusetts		25	
		007	Hampden			013
		008	Hampshire			015
269	39		State College, Pa	8050		
			Pennsylvania		42	
		014	Centre			027
270	36		Steubenville-Weirton, Ohio-W. Va	8080		
			Ohio		39	
		041	Jefferson			081
	49		West Virginia		54	
		005	Brooke			009
		015	Hancock			029
271	05		Stockton, Calif	8120		
			California		06	
		039	San Joaquin			077
272	33		Syracuse, N.Y	8160		
			New York		36	
		025	Madison			053
		032	Onondaga			067
		036	Oswego			075
273	48		Tacoma, Wash	8200		
			Washington		53	
		027	Pierce			053
274	10		Tallahassee, Fla	8240		
			Florida		12	
		037	Leon			073
		065	Wakulla			129

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
275	10		Tampa-St. Petersburg, Fla Florida	8280	12	
		029	Hillsborough			057
		051	Pasco			101
		052	Pinellas			103
276	15		Terre Haute, Ind Indiana	8320	18	
		011	Clay			021
		077	Sullivan			153
		083	Vermillion			165
		084	Vigo			167
277	04		Texarkana, Tex.-Texarkana, Ark Arkansas	8360	05	
		041	Little River			081
		046	Miller			091
	44		Texas		48	
		019	Bowie			037
278	23		Toledo, Ohio-Mich Michigan	8400	26	
		058	Monroe			115
	36		Ohio		39	
		026	Fulton			051
		048	Lucas			095
		062	Ottawa			123
		087	Wood			173
279	17		Topeka, Kans Kansas	8440	20	
		044	Jefferson			087
		070	Osage			139
		089	Shawnee			177
280	31		Trenton, N.J New Jersey	8480	34	
		011	Mercer			021
281	03		Tucson, Ariz Arizona	8520	04	
		010	Pima			019
282	37		Tulsa, Okla Oklahoma	8560	40	
		019	Creek			037
		049	Mayes			097
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
283	01		Tuscaloosa, Ala Alabama	8600	01	
		063	Tuscaloosa			125
284	44		Tyler, Tex Texas	8640	48	
		212	Smith			423
285	33		Utica-Rome, N.Y New York	8680	36	
		021	Herkimer			043
		031	Oneida			065
286	05		Vallejo-Fairfield-Napa, Calif California	8720	06	
		028	Napa			055
		048	Solano			095
287	44		Victoria, Tex Texas	8750	48	
		235	Victoria			469

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SMSA	State	County		SMSA	State	Cnty
288	31		Vineland-Millville-Bridgeton, N.J	8760		
		006	New Jersey Cumberland		34	011
289	05		Visalia-Tulare-Porterville, Calif	8780		
		054	California Tulare		06	107
290	44		Waco, Tex	8800		
		155	Texas McLennan		48	309
291	09		Washington, D.C.-Md.-Va	8840		
		001	Dist. of Columbia District of Columbia		11	001
	21		Maryland		24	
		009	Charles			017
		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
292	16		Waterloo-Cedar Falls, Iowa	8920		
		007	Iowa Black Hawk		19	013
293	50		Wausau, Wis	8940		
		037	Wisconsin Marathon		55	073
294	10		West Palm Beach-Boca Raton, Fla	8960		
		050	Florida Palm Beach		12	099
295	36		Wheeling, W. Va.-Ohio	9000		
		007	Ohio Belmont		39	013
	49		West Virginia		54	
		026	Marshall			051
		035	Ohio			069
296	17		Wichita, Kans	9040		
		008	Kansas Butler		20	015
		087	Sedgwick			173
297	44		Wichita Falls, Tex	9080		
		039	Texas Clay		48	077
		243	Wichita			485
298	39		Williamsport, Pa	9140		
		041	Pennsylvania Lycoming		42	081
299	08		Wilmington, Del.-N.J.-Md	9160		
		002	Delaware New Castle		10	003
	21		Maryland		24	
		008	Cecil			015
	31		New Jersey		34	
		017	Salem			033
300	34		Wilmington, N.C	9200		
		010	North Carolina Brunswick		37	019
		065	New Hanover			129

Standard Metropolitan Statistical Areas Established in 1980
and Adapted for Use by DVS

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
301	22	014	Worcester-Fitchburg-Leominster, Mass Massachusetts Worcester	9243	25	027
302	48	039	Yakima, Wash Washington Yakima	9260	53	077
303	39	001 067	York, Pa Pennsylvania Adams York	9280	42	001 133
304	36	050 078	Youngstown-Warren, Ohio Ohio Mahoning Trumbull	9320	39	099 155
305	05	051 058	Yuba City, Calif California Sutter Yuba	9340	06	101 115

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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001.0	-	-	-	-	008.3	-	-	-	-	017.1	-	-	-	-
001.1	-	-	-	-	008.4	74	187	113	187	017.2	1	8	7	8
001.9	-	-	-	-	008.5	9	17	8	17	017.3	-	-	-	-
002.0	-	1	1	1	008.6	3	4	1	4	017.4	-	-	-	-
002.1	1	1	-	1	008.8	80	134	56	135	017.5	-	-	-	-
002.2	-	-	-	-	009.0	161	258	97	259	017.6	3	3	-	2
002.3	-	-	-	-	009.2	4	14	10	14	017.7	-	-	-	-
002.9	-	-	-	-	010.0	-	1	1	1	017.8	12	25	13	19
003.0	33	66	33	66	010.1	-	-	-	-	018.0	2	2	-	3
003.1	50	96	46	108	010.8	-	-	-	-	018.8	1	2	1	3
003.2	7	7	1	7	010.9	1	4	3	4	018.9	197	312	117	378
003.8	-	2	2	2	011.0	-	-	-	-	020.0	-	-	-	-
003.9	8	24	16	25	011.1	-	-	-	-	020.1	-	-	-	-
004.0	2	2	-	2	011.2	47	84	39	80	020.2	-	-	-	-
004.1	-	-	-	-	011.3	25	25	1	2	020.3	-	-	-	-
004.2	-	-	-	-	011.4	59	45	4	8	020.4	-	-	-	-
004.3	1	1	-	1	011.5	23	25	2	2	020.5	-	-	-	-
004.8	-	-	-	-	011.6	188	203	33	77	020.8	-	-	-	-
004.9	13	19	6	19	011.7	12	13	3	1	020.9	-	-	-	-
005.0	-	-	-	-	011.8	1	2	1	-	021	1	1	-	1
005.1	2	2	-	2	011.9	1159	3086	1930	3570	022.0	-	-	-	-
005.2	1	1	-	1	012.0	20	47	27	24	022.1	-	-	-	-
005.3	-	1	1	1	012.1	-	-	-	-	022.2	-	-	-	-
005.4	-	-	-	-	012.2	-	-	-	-	022.3	-	-	-	-
005.8	1	1	-	1	012.3	-	-	-	-	022.8	-	-	-	-
005.9	1	2	1	4	012.8	1	1	-	1	022.9	-	-	-	-
006.0	-	-	-	-	013.0	55	96	41	106	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	5	11	6	11	023.2	-	-	-	-
006.3	3	4	1	4	013.9	2	4	2	4	023.3	-	-	-	-
006.4	-	-	-	-	014	20	39	19	39	023.8	-	-	-	-
006.5	-	-	-	-	015.0	42	114	72	113	023.9	-	-	-	-
006.6	-	-	-	-	015.1	-	3	3	3	024	-	-	-	-
006.8	-	2	2	2	015.2	1	2	1	2	025	-	-	-	-
006.9	1	4	3	4	015.7	-	2	2	2	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	1	1	1	026.1	-	-	-	-
007.1	-	6	6	6	015.9	1	4	3	6	026.9	-	-	-	-
007.2	6	13	7	19	016.0	10	19	10	18	027.0	102	140	38	140
007.3	-	-	-	-	016.1	5	5	-	1	027.1	-	1	1	1
007.8	-	-	-	-	016.2	-	-	-	-	027.2	4	7	3	7
007.9	-	-	-	-	016.3	-	-	-	-	027.8	1	1	-	1
008.0	1	1	-	1	016.4	-	-	-	-	027.9	-	-	-	-
008.1	-	-	-	-	016.9	1	3	2	3	030.0	1	1	-	1
008.2	1	1	-	1	017.0	76	296	220	296	030.1	-	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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030.2	-	-	-	-	040.1	-	-	-	-	050.0	-	-	-	-
030.3	-	-	-	-	040.2	2	8	6	8	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	3	9	6	9	040.8	40	47	7	47	050.9	-	-	-	-
031.0	205	1384	1179	1380	041.0	29	45	16	45	051.0	-	-	-	-
031.1	-	3	3	3	041.1	101	278	177	278	051.1	-	-	-	-
031.8	3	5	2	7	041.2	7	9	2	9	051.2	-	-	-	-
031.9	84	354	270	546	041.3	4	10	6	10	051.9	-	-	-	-
032.0	-	-	-	-	041.4	13	31	18	31	052	89	127	38	127
032.1	-	-	-	-	041.5	20	33	13	33	053.0	2	3	1	1
032.2	-	-	-	-	041.6	6	10	4	10	053.1	12	84	72	73
032.3	-	-	-	-	041.7	50	127	77	127	053.2	2	15	13	15
032.8	-	-	-	-	041.8	32	60	28	60	053.7	1	15	14	15
032.9	-	1	1	1	041.9	51	77	26	97	053.8	-	-	-	-
033.0	-	-	-	-	042.0	5890	6417	575	36	053.9	96	535	439	559
033.1	-	-	-	-	042.1	4668	4559	249	60	054.0	-	-	-	-
033.8	-	-	-	-	042.2	1974	2612	647	25	054.1	-	10	10	10
033.9	12	15	3	15	042.9	8920	10825	1923	22391	054.2	-	8	8	8
034.0	9	15	6	15	043.0	-	-	-	1	054.3	95	140	45	141
034.1	3	6	3	6	043.1	69	84	18	148	054.4	-	4	4	4
035	5	12	7	12	043.2	5	21	16	-	054.5	9	10	1	7
036.0	88	95	8	93	043.3	61	66	15	15	054.6	-	-	-	-
036.1	3	3	-	3	043.9	41	105	64	181	054.7	31	70	39	74
036.2	137	166	29	165	044.0	-	1	1	3	054.8	-	-	-	-
036.3	42	53	11	53	044.9	454	947	493	2840	054.9	49	218	169	244
036.4	-	-	-	-	045.0	-	-	-	-	055.0	-	-	-	-
036.8	-	-	-	-	045.1	-	-	-	-	055.1	21	23	2	4
036.9	3	3	-	6	045.2	-	-	-	-	055.2	-	-	-	-
037	9	16	7	16	045.9	-	-	-	-	055.7	1	1	-	1
038.0	258	965	707	978	046.0	-	-	-	-	055.8	-	-	-	-
038.1	1120	4346	3226	4429	046.1	201	229	28	243	055.9	10	19	9	38
038.2	194	390	196	804	046.2	7	13	6	13	056.0	1	1	-	-
038.3	52	284	232	286	046.3	44	65	21	248	056.7	-	-	-	-
038.4	1225	6196	4971	6269	046.8	-	-	-	-	056.8	-	-	-	-
038.8	105	542	437	565	046.9	1	1	-	1	056.9	3	6	3	7
038.9	16379	93699	77321	94959	047.0	-	-	-	-	057.0	-	-	-	-
039.0	-	-	-	-	047.1	-	-	-	-	057.8	2	7	5	7
039.1	32	48	16	45	047.8	1	1	-	1	057.9	-	1	1	1
039.2	-	-	-	-	047.9	36	57	21	57	060.0	-	-	-	-
039.3	-	1	1	1	048	31	33	2	33	060.1	-	-	-	-
039.4	-	-	-	-	049.0	16	23	7	23	060.9	-	-	-	-
039.8	6	14	8	15	049.1	-	-	-	-	061	-	-	-	-
039.9	24	61	37	76	049.8	3	9	6	9	062.0	-	-	-	-
040.0	86	184	98	184	049.9	123	158	35	164	062.1	-	-	-	-

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062.2	1	2	1	2	074.2	5	7	2	7	083.9	-	-	-	-
062.3	-	-	-	-	074.3	-	-	-	-	084.0	5	5	-	5
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	-	-	-
062.5	-	-	-	-	075	20	27	7	27	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	-	1	1	1	076.1	-	-	-	-	084.4	-	-	-	-
063.0	-	-	-	-	076.9	1	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	6	8	2	8
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	-	-	-	084.8	-	-	-	-
063.9	-	-	-	-	077.3	-	-	-	-	084.9	-	-	-	-
064	-	-	-	-	077.4	-	-	-	-	085.0	1	1	-	1
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	-
065.1	-	-	-	-	077.9	-	2	2	2	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	2	2	2	085.3	-	-	-	-
065.3	-	-	-	-	078.1	-	3	3	3	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	1	7	6	7	085.9	-	-	-	-
065.9	-	-	-	-	078.4	-	1	1	1	086.0	-	-	-	-
066.0	-	-	-	-	078.5	261	1093	833	1539	086.1	-	-	-	-
066.1	-	-	-	-	078.6	-	-	-	-	086.2	1	1	-	1
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	78	128	50	128	086.4	-	-	-	-
066.8	-	-	-	-	079.0	3	4	1	4	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	-	-	-	086.9	-	-	-	-
070.0	6	8	2	-	079.2	5	6	1	6	087.0	-	-	-	-
070.1	82	161	79	169	079.3	-	-	-	-	087.1	1	1	-	1
070.2	65	73	9	-	079.8	20	35	15	35	087.9	2	4	2	4
070.3	646	1093	447	1166	079.9	297	521	224	539	088.0	-	-	-	-
070.4	1	1	-	-	080	-	-	-	-	088.8	2	15	13	15
070.5	7	10	3	11	081.0	1	1	-	1	088.9	-	-	-	-
070.6	52	57	5	-	081.1	-	-	-	-	090.0	1	2	1	2
070.9	657	863	206	920	081.2	-	-	-	-	090.1	-	-	-	-
071	1	1	-	1	081.9	-	-	-	-	090.2	1	8	7	8
072.0	-	-	-	-	082.0	10	15	5	15	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	5	10	5	10
072.2	-	-	-	-	082.2	-	-	-	-	090.5	1	4	3	4
072.3	-	-	-	-	082.3	-	-	-	-	090.6	-	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	-	-	-	-
072.8	-	-	-	-	082.9	-	-	-	-	090.9	22	38	16	38
072.9	3	4	1	4	083.0	-	-	-	-	091.0	-	-	-	-
073	1	3	2	3	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	-	-	-
074.1	-	-	-	-	083.8	-	-	-	-	091.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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091.4	-	-	-	-	102.0	-	-	-	-	115.9	72	172	101	244
091.5	-	-	-	-	102.1	-	-	-	-	116.0	50	69	19	69
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	1	7	6	7	102.5	-	-	-	-	117.1	4	5	1	5
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	1	1	1	102.7	-	-	-	-	117.3	252	523	271	523
093.0	1	3	2	-	102.8	...	-	-	-	117.4	-	-	-	-
093.1	5	7	2	7	102.9	-	-	-	-	117.5	297	459	162	1656
093.2	2	2	-	1	103.0	-	-	-	-	117.6	-	1	1	1
093.8	6	8	3	4	103.1	-	-	-	-	117.7	56	93	37	93
093.9	-	-	-	-	103.2	-	-	-	-	117.8	1	1	-	1
094.0	6	27	21	27	103.3	-	-	-	-	117.9	517	1083	566	1133
094.1	11	24	13	24	103.9	-	-	-	-	118	-	3	3	3
094.2	1	1	-	1	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	4	5	1	4	104.9	-	-	-	-	120.2	-	-	-	-
094.9	25	75	51	76	110.0	-	-	-	-	120.3	-	-	-	-
095	-	-	-	-	110.1	-	1	1	1	120.8	-	-	-	-
096	...	6	6	6	110.2	-	-	-	-	120.9	1	3	2	3
097.0	8	43	35	47	110.3	-	-	-	-	121.0	-	-	-	-
097.1	...	16	16	16	110.4	-	1	1	1	121.1	1	2	1	2
097.9	5	66	61	71	110.5	1	1	-	1	121.2	-	-	-	-
098.0	1	2	1	2	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	-	-	-	110.8	-	1	1	1	121.4	-	-	-	-
098.2	-	1	1	1	110.9	-	-	-	-	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	-	-	-	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	-	-	-	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	1	1	1	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	-	-	-	122.1	-	-	-	-
098.8	3	6	3	6	111.9	-	6	6	6	122.2	-	-	-	-
099.0	-	-	-	-	112.0	10	153	144	159	122.3	-	-	-	-
099.1	2	2	-	2	112.1	1	3	2	3	122.4	-	-	-	-
099.2	-	-	-	-	112.2	10	35	25	35	122.5	-	-	-	-
099.3	2	8	6	8	112.3	1	5	4	5	122.6	-	-	-	-
099.4	-	-	-	-	112.4	106	142	54	128	122.7	-	-	-	-
099.8	-	-	-	-	112.5	663	1200	537	1227	122.8	1	1	-	1
099.9	-	1	1	1	112.8	52	243	191	259	122.9	3	6	3	6
100.0	-	-	-	-	112.9	222	658	436	715	123.0	-	-	-	-
100.8	-	-	-	-	114	65	121	56	143	123.1	7	9	2	9
100.9	-	1	1	1	115.0	9	21	12	24	123.2	-	-	-	-
101	-	2	2	2	115.1	-	-	-	-	123.3	-	-	-	-

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123.4	-	-	-	-	132.9	-	3	3	3	142.0	433	524	91	524
123.5	-	-	-	-	133.0	2	12	10	12	142.1	28	38	10	38
123.6	-	-	-	-	133.8	-	-	-	-	142.2	4	5	1	5
123.8	-	-	-	-	133.9	1	1	-	1	142.8	-	1	1	1
123.9	-	1	1	1	134.0	1	1	-	1	142.9	115	126	11	126
124	1	1	-	1	134.1	1	1	-	1	143.0	21	23	2	23
125.0	-	-	-	-	134.2	-	-	-	-	143.1	49	66	17	66
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	1	1	1	143.9	53	64	11	64
125.3	-	-	-	-	135	465	852	387	852	144.0	1	1	-	1
125.4	1	1	-	1	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	10	22	12	22	144.8	-	-	-	-
125.6	-	-	-	-	136.2	-	-	-	-	144.9	316	414	98	414
125.7	-	-	-	-	136.3	828	998	170	5193	145.0	48	62	14	62
125.9	-	-	-	-	136.4	-	-	-	-	145.1	-	1	1	1
126.0	-	-	-	-	136.5	-	-	-	-	145.2	26	30	4	30
126.1	-	-	-	-	136.8	2	2	-	2	145.3	95	139	44	139
126.2	-	-	-	-	136.9	329	1340	1011	2106	145.4	11	14	3	14
126.3	-	-	-	-	137.0	194	649	456	649	145.5	121	185	64	187
126.8	-	-	-	-	137.1	-	1	1	1	145.6	42	53	11	53
126.9	1	2	1	2	137.2	1	4	3	4	145.8	2	4	2	4
127.0	1	2	1	2	137.3	-	1	1	1	145.9	897	1178	281	1217
127.1	-	-	-	-	137.4	-	-	-	-	146.0	497	620	123	620
127.2	14	28	14	30	138	162	619	457	619	146.1	56	67	11	67
127.3	1	1	-	1	139.0	9	14	5	14	146.2	6	10	4	10
127.4	-	-	-	-	139.1	-	-	-	-	146.3	4	6	2	6
127.5	1	1	-	1	139.8	29	64	35	64	146.4	-	-	-	-
127.6	-	-	-	-	140.0	2	4	2	4	146.5	-	-	-	-
127.7	-	-	-	-	140.1	14	19	5	19	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	-	-	-	-
127.9	-	-	-	-	140.4	-	-	-	-	146.8	3	4	1	4
128.0	1	1	-	1	140.5	2	2	-	2	146.9	559	642	83	645
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	9	10	1	10
128.9	-	-	-	-	140.9	90	119	29	119	147.2	-	-	-	-
129	5	6	1	6	141.0	174	209	35	209	147.3	1	1	-	1
130	81	122	41	1088	141.1	-	-	-	-	147.8	-	-	-	-
131.0	-	2	2	2	141.2	2	2	-	2	147.9	655	738	83	738
131.8	-	-	-	-	141.3	-	-	-	-	148.0	4	4	-	4
131.9	-	-	-	-	141.4	1	1	-	1	148.1	239	283	44	283
132.0	-	-	-	-	141.5	-	-	-	-	148.2	-	-	-	-
132.1	-	-	-	-	141.6	31	34	3	34	148.3	-	1	1	1
132.2	-	-	-	-	141.8	-	1	1	1	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1696	2143	447	2146	148.9	308	373	65	374

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, 1989

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	1487	1925	438	1948	155.2	3091	3677	586	3696	163.9	455	539	84	539
149.1	2	2	-	2	156.0	2160	2368	208	2368	164.0	138	161	23	161
149.8	-	2	2	2	156.1	1017	1131	114	1131	164.1	64	99	35	99
149.9	-	-	-	-	156.2	336	389	53	389	164.2	4	5	1	5
150.0	18	20	2	20	156.8	2	2	-	2	164.3	-	-	-	-
150.1	3	3	-	3	156.9	516	563	47	577	164.8	-	1	1	1
150.2	-	-	-	-	157.0	690	762	72	762	164.9	222	307	85	310
150.3	13	18	5	18	157.1	31	35	4	35	165.0	3	3	-	3
150.4	17	20	3	20	157.2	39	51	12	51	165.8	-	-	-	-
150.5	118	135	17	135	157.3	11	12	1	12	165.9	11	15	4	15
150.8	1	1	-	1	157.4	127	136	9	136	170.0	82	108	26	108
150.9	9467	10567	1100	10568	157.8	3	3	-	3	170.1	101	155	54	155
151.0	641	694	53	694	157.9	23642	24963	1321	24972	170.2	99	137	38	137
151.1	7	9	2	9	158.0	275	321	46	321	170.3	13	20	7	20
151.2	12	15	3	15	158.8	37	50	13	50	170.4	20	23	3	23
151.3	10	11	1	11	158.9	169	206	37	210	170.5	-	2	2	2
151.4	-	3	3	3	159.0	1121	1378	257	1395	170.6	73	91	18	91
151.5	1	1	-	1	159.1	15	25	10	25	170.7	74	88	14	88
151.6	-	-	-	-	159.8	3	3	-	3	170.8	-	-	-	-
151.8	1	1	-	1	159.9	506	590	84	605	170.9	612	743	131	748
151.9	13514	15069	1555	15074	160.0	54	61	7	61	171.0	70	91	21	91
152.0	373	433	60	433	160.1	16	20	4	20	171.2	61	73	12	73
152.1	51	57	6	57	160.2	231	273	42	273	171.3	212	250	38	250
152.2	60	71	11	71	160.3	41	49	8	49	171.4	56	65	9	65
152.3	1	1	-	1	160.4	9	10	1	10	171.5	188	206	18	206
152.8	2	2	-	2	160.5	14	18	4	18	171.6	104	121	17	121
152.9	404	452	48	453	160.8	-	-	-	-	171.7	13	15	2	15
153.0	39	48	9	48	160.9	137	165	28	166	171.8	3	4	1	4
153.1	236	291	55	291	161.0	62	116	54	116	171.9	2290	2551	261	2573
153.2	242	298	56	298	161.1	182	243	61	243	172.0	5	5	-	5
153.3	1215	1531	316	1547	161.2	6	9	3	9	172.1	1	1	-	1
153.4	978	1278	300	1278	161.3	2	4	2	4	172.2	15	20	5	20
153.5	136	156	21	156	161.8	-	-	-	-	172.3	67	88	21	88
153.6	729	921	192	921	161.9	3477	4947	1470	4956	172.4	91	101	10	101
153.7	25	31	6	31	162.0	133	176	43	176	172.5	228	244	16	244
153.8	6	7	1	7	162.2	122	132	10	132	172.6	95	106	11	106
153.9	45006	52998	7992	53159	162.3	1117	1345	228	1345	172.7	151	167	16	167
154.0	1271	1429	158	1334	162.4	50	65	15	65	172.8	-	-	-	-
154.1	6022	7223	1201	7319	162.5	360	431	71	431	172.9	5508	6034	526	6096
154.2	28	34	6	34	162.8	3	4	1	4	173.0	10	18	8	18
154.3	262	305	43	305	162.9	135365	147397	12033	147433	173.1	14	28	14	28
154.8	66	78	12	78	163.0	2	2	-	2	173.2	143	222	79	224
155.0	3666	4024	358	4024	163.1	1	1	-	1	173.3	251	463	212	472
155.1	1231	1322	91	1322	163.8	-	-	-	-	173.4	1059	1331	272	1333

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, 1989

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	65	92	27	92	187.4	195	261	66	261	192.1	133	171	38	171
173.6	40	62	22	62	187.5	2	2	-	2	192.2	88	118	30	118
173.7	50	73	23	75	187.6	5	6	1	6	192.3	4	6	2	6
173.8	-	-	-	-	187.7	11	15	4	15	192.8	-	-	-	-
173.9	557	1057	500	3013	187.8	1	1	-	1	192.9	72	90	18	91
174.0	2	10	8	10	187.9	11	22	11	22	193	993	1221	228	1221
174.1	-	-	-	-	188.0	1	2	1	2	194.0	535	627	92	627
174.2	-	-	-	-	188.1	2	2	-	2	194.1	14	25	11	25
174.3	1	1	-	1	188.2	-	-	-	-	194.3	32	53	21	53
174.4	-	-	-	-	188.3	-	-	-	-	194.4	23	26	3	26
174.5	-	1	1	1	188.4	-	1	1	1	194.5	2	2	-	2
174.6	-	1	1	1	188.5	3	5	2	5	194.6	17	18	1	18
174.8	1	1	-	1	188.6	2	2	-	2	194.8	2	2	-	2
174.9	42833	51139	8306	51139	188.7	17	20	3	20	194.9	43	53	10	53
175	301	380	79	380	188.8	1	1	-	1	195.0	1624	1916	292	2252
179	2867	3553	686	3616	188.9	10095	13642	3548	13644	195.1	210	254	44	306
180.0	41	47	6	47	189.0	9481	11054	1573	11054	195.2	1104	1250	146	1434
180.1	-	-	-	-	189.1	157	173	16	173	195.3	288	355	67	444
180.8	3	4	1	4	189.2	293	393	100	393	195.4	12	23	11	27
180.9	4443	5053	610	5053	189.3	133	173	40	173	195.5	46	66	20	77
181	17	19	2	19	189.4	-	-	-	-	195.8	43	50	7	56
182.0	2983	3528	546	3528	189.8	1	1	-	1	196.0	...	141	141	141
182.1	-	-	-	-	189.9	47	57	10	58	196.1	...	143	143	143
182.8	-	-	-	-	190.0	6	8	2	8	196.2	...	174	174	174
183.0	12256	13276	1020	13276	190.1	45	67	22	67	196.3	...	43	43	43
183.2	166	180	14	180	190.2	4	6	2	6	196.5	...	24	24	24
183.3	-	-	-	-	190.3	2	2	-	2	196.6	...	15	15	15
183.4	-	1	1	1	190.4	-	-	-	-	196.8	...	-	-	-
183.5	-	-	-	-	190.5	22	31	9	31	196.9	...	1488	1488	1488
183.8	3	4	1	4	190.6	8	8	-	8	197.0	...	18970	18970	18970
183.9	6	8	2	8	190.7	2	5	3	5	197.1	...	757	757	757
184.0	374	467	93	467	190.8	2	2	-	2	197.2	...	1330	1330	1330
184.1	8	8	-	8	190.9	160	209	49	209	197.3	...	289	289	289
184.2	-	-	-	-	191.0	339	380	41	380	197.4	...	153	153	153
184.3	2	3	1	3	191.1	194	208	14	208	197.5	...	2232	2232	2232
184.4	551	708	157	708	191.2	128	141	13	141	197.6	...	1589	1589	1589
184.8	29	32	3	32	191.3	125	134	9	134	197.7	...	27679	27679	27679
184.9	62	73	11	75	191.4	24	30	6	30	197.8	...	1854	1854	1854
185	30520	41072	10552	41072	191.5	19	25	6	25	198.0	...	636	636	636
186.0	-	1	1	1	191.6	185	205	20	205	198.1	...	669	669	669
186.9	392	497	105	497	191.7	188	197	9	197	198.2	...	669	669	669
187.1	1	1	-	1	191.8	88	93	5	93	198.3	...	20324	20324	20324
187.2	2	5	3	5	191.9	9523	10174	651	10191	198.4	...	1235	1235	1235
187.3	1	1	-	1	192.0	20	25	6	25	198.5	...	15867	15867	15867

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, 1989

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	...	289	289	289	206.9	36	47	11	47	213.4	-	-	-	
198.7	...	713	713	713	207.0	102	113	11	113	213.5	-	-	-	
198.8	...	11847	11847	11847	207.1	-	-	-	-	213.6	1	2	1	
199.0	1894	29742	27849	29742	207.2	48	58	10	58	213.7	-	-	-	
199.1	30346	66533	36187	58169	207.8	64	86	22	86	213.8	-	-	-	
200.0	740	880	140	891	208.0	2918	3159	242	3302	213.9	2	7	5	
200.1	1001	1225	224	1225	208.1	168	301	133	305	214	6	35	29	
200.2	137	149	12	197	208.2	8	8	-	8	215.0	-	1	1	
200.8	439	510	71	534	208.8	36	46	10	46	215.2	-	1	1	
201.0	-	-	-	-	208.9	1757	2319	562	2473	215.3	1	1	-	
201.1	-	-	-	-	210.0	-	1	1	1	215.4	1	1	-	
201.2	-	-	-	-	210.1	-	1	1	1	215.5	1	1	-	
201.4	-	-	-	-	210.2	1	7	6	7	215.6	1	2	1	
201.5	22	30	8	30	210.3	-	-	-	-	215.7	-	-	-	
201.6	17	22	5	22	210.4	1	1	-	1	215.8	1	3	2	
201.7	7	9	2	9	210.5	-	-	-	-	215.9	25	56	31	
201.9	1675	2274	599	2276	210.6	-	-	-	-	216.0	-	-	-	
202.0	234	290	56	290	210.7	-	-	-	-	216.1	-	-	-	
202.1	160	222	62	222	210.8	-	-	-	-	216.2	1	1	-	
202.2	14	22	8	22	210.9	-	1	1	1	216.3	-	1	1	
202.3	19	23	4	23	211.0	-	-	-	-	216.4	2	2	-	
202.4	110	173	63	173	211.1	9	45	36	45	216.5	4	5	1	
202.5	1	1	-	1	211.2	3	8	5	8	216.6	-	-	-	
202.6	2	3	1	3	211.3	49	276	227	276	216.7	1	2	1	
202.8	15265	18586	3322	19303	211.4	3	10	7	10	216.8	-	-	-	
202.9	75	92	17	103	211.5	7	11	4	11	216.9	20	27	7	
203.0	8521	10402	1882	10402	211.6	6	13	7	13	217	-	4	4	
203.1	50	82	32	82	211.7	23	47	24	47	218	9	57	48	
203.8	16	31	15	31	211.8	2	4	2	4	219.0	1	2	1	
204.0	1501	1678	177	1702	211.9	4	11	7	11	219.1	-	-	-	
204.1	3523	5782	2259	5782	212.0	2	4	2	4	219.8	-	-	-	
204.2	2	3	1	3	212.1	5	7	2	7	219.9	3	6	3	
204.8	1	1	-	1	212.2	3	3	-	3	220	11	35	24	
204.9	363	507	144	514	212.3	8	16	8	16	221.0	-	1	1	
205.0	4982	5315	335	5427	212.4	1	2	1	2	221.1	-	-	-	
205.1	2198	2721	525	2721	212.5	2	3	1	3	221.2	-	-	-	
205.2	22	25	3	25	212.6	21	36	15	36	221.8	-	-	-	
205.3	13	21	8	21	212.7	46	82	36	82	221.9	-	-	-	
205.8	2	2	-	2	212.8	-	-	-	-	222.0	-	-	-	
205.9	260	338	78	344	212.9	-	-	-	-	222.1	-	-	-	
206.0	215	228	13	228	213.0	2	3	1	3	222.2	-	4	4	
206.1	25	41	16	41	213.1	5	6	1	6	222.3	-	-	-	
206.2	2	2	-	2	213.2	-	2	2	2	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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY
		TOTAL MENTION	SECOND- ARY	AXIS			TOTAL MENTION	SECOND- ARY	AXIS			TOTAL MENTION	SECOND- ARY	AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	-
223.0	7	14	7	14	230.7	-	-	-	-	236.4	-	2	2	2
223.1	-	-	-	-	230.8	-	-	-	-	236.5	-	-	-	-
223.2	1	1	-	1	230.9	-	-	-	-	236.6	-	-	-	-
223.3	-	2	2	2	231.0	-	-	-	-	236.7	3	8	5	8
223.8	-	-	-	-	231.1	-	-	-	-	236.9	13	21	8	21
223.9	-	-	-	-	231.2	1	2	1	2	237.0	72	114	42	114
224.0	-	-	-	-	231.8	-	-	-	-	237.1	5	7	2	7
224.1	1	2	1	2	231.9	-	-	-	-	237.2	-	-	-	-
224.2	-	-	-	-	232.0	-	-	-	-	237.3	13	18	5	18
224.3	-	-	-	-	232.1	-	-	-	-	237.4	1	9	8	9
224.4	-	-	-	-	232.2	-	-	-	-	237.5	24	33	9	33
224.5	-	-	-	-	232.3	-	-	-	-	237.6	-	3	3	3
224.6	-	-	-	-	232.4	-	-	-	-	237.7	71	259	188	259
224.7	-	-	-	-	232.5	-	2	2	2	237.9	-	-	-	-
224.8	-	-	-	-	232.6	-	-	-	-	238.0	10	20	10	20
224.9	-	-	-	-	232.7	-	-	-	-	238.1	26	43	17	43
225.0	136	186	50	186	232.8	-	-	-	-	238.2	1	1	-	1
225.1	37	77	40	77	232.9	-	5	5	5	238.3	6	7	1	7
225.2	740	1376	636	1376	233.0	2	5	3	5	238.4	359	1255	896	1255
225.3	3	7	4	7	233.1	1	7	6	7	238.5	-	-	-	-
225.4	4	8	4	8	233.2	-	-	-	-	238.6	50	83	33	83
225.8	-	-	-	-	233.3	-	-	-	-	238.7	769	1578	809	1578
225.9	1	1	-	1	233.4	-	2	2	2	238.8	9	13	4	13
226	2	14	12	14	233.5	-	-	-	-	238.9	98	169	71	171
227.0	22	92	70	92	233.6	-	-	-	-	239.0	324	607	283	642
227.1	11	44	33	44	233.7	2	2	-	2	239.1	353	707	354	716
227.3	89	225	136	225	233.9	-	2	2	2	239.2	25	65	40	65
227.4	-	-	-	-	234.0	-	-	-	-	239.3	7	33	26	34
227.5	-	-	-	-	234.8	-	-	-	-	239.4	30	121	91	122
227.6	1	1	-	1	234.9	1	9	8	9	239.5	62	213	151	221
227.8	-	-	-	-	235.0	1	1	-	1	239.6	2298	2898	600	2922
227.9	-	-	-	-	235.1	-	-	-	-	239.7	157	365	208	367
228.0	43	91	48	91	235.2	59	160	101	160	239.8	215	455	240	456
228.1	39	98	59	98	235.3	13	21	8	21	239.9	102	178	76	342
229.0	-	1	1	1	235.4	4	5	1	5	240.0	-	1	1	1
229.8	7	14	7	14	235.5	11	16	5	17	240.9	34	219	185	227
229.9	18	45	27	45	235.6	-	-	-	-	241.0	4	24	20	24
230.0	1	6	5	6	235.7	34	52	18	52	241.1	6	37	31	38
230.1	-	2	2	2	235.8	6	6	-	6	241.9	2	30	28	30
230.2	1	3	2	3	235.9	-	1	1	1	242.0	17	101	84	91
230.3	1	5	4	5	236.0	-	3	3	3	242.1	-	1	1	1
230.4	-	-	-	-	236.1	1	1	-	1	242.2	-	7	7	6
230.5	-	-	-	-	236.2	3	7	4	7	242.3	1	7	6	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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
242.4	1	1	-	1	253.0	8	70	62	70	259.8	6	13	7	13
242.8	-	-	-	-	253.1	-	1	1	1	259.9	5	20	15	27
242.9	120	558	438	581	253.2	59	396	337	396	260	73	222	150	242
243	5	17	12	17	253.3	-	3	3	3	261	308	2233	1938	2316
244.0	...	4	4	4	253.4	-	1	1	1	262	17	70	55	58
244.1	-	-	-	-	253.5	37	219	182	219	263.0	-	-	-	1
244.2	-	1	1	1	253.6	83	666	583	666	263.1	-	5	5	5
244.3	-	-	-	-	253.7	-	3	3	3	263.2	5	7	2	-
244.8	-	-	-	-	253.8	6	19	13	19	263.8	2	4	2	5
244.9	668	7637	6969	7637	253.9	5	19	15	21	263.9	2501	27017	24519	27817
245.0	-	3	3	3	254.0	6	15	9	15	264.0	-	-	-	-
245.1	-	2	2	2	254.1	-	-	-	-	264.1	-	-	-	-
245.2	6	27	21	27	254.8	2	7	5	7	264.2	-	-	-	-
245.3	2	2	-	2	254.9	2	3	1	3	264.3	-	-	-	-
245.4	1	3	2	3	255.0	39	265	226	265	264.4	-	-	-	-
245.8	2	10	8	10	255.1	7	32	25	32	264.5	-	-	-	-
245.9	2	22	20	22	255.2	5	7	2	7	264.6	-	-	-	-
246.0	-	-	-	-	255.3	1	22	21	22	264.7	-	-	-	-
246.1	-	1	1	1	255.4	149	984	835	985	264.8	-	-	-	-
246.2	-	3	3	3	255.5	3	8	5	8	264.9	1	5	4	5
246.3	-	-	-	-	255.6	-	3	3	3	265.0	1	4	3	4
246.8	3	8	5	8	255.8	11	57	46	57	265.1	14	71	57	74
246.9	13	118	105	123	255.9	4	38	34	40	265.2	1	3	2	5
250.0	35102	138283	103208	157939	256.0	-	1	1	1	266.0	-	-	-	-
250.1	1858	3039	1182	1892	256.1	-	-	-	-	266.1	-	1	1	1
250.2	1275	2079	804	1262	256.2	-	-	-	-	266.2	8	154	146	184
250.3	3700	7392	3717	1627	256.3	-	1	1	1	266.9	-	1	1	2
250.4	95	375	280	185	256.4	1	4	3	4	267	1	5	4	7
250.5	331	889	558	394	256.8	-	-	-	-	268.0	-	6	6	6
250.6	3262	7950	4700	177	256.9	-	-	-	-	268.1	-	-	-	-
250.7	1038	2469	1434	176	257.0	-	1	1	1	268.2	4	24	21	26
250.9	172	215	43	253	257.1	-	-	-	-	268.9	1	6	5	7
251.0	36	82	48	133	257.2	1	11	10	11	269.0	1	6	5	6
251.1	4	13	9	13	257.8	-	-	-	-	269.1	1	1	-	1
251.2	141	1214	1073	1242	257.9	-	-	-	-	269.2	-	9	9	10
251.3	...	-	-	-	258.0	-	-	-	-	269.3	-	9	9	11
251.4	-	-	-	-	258.1	-	-	-	-	269.8	2	13	11	13
251.5	12	47	35	47	258.8	1	2	1	2	269.9	105	1045	940	1113
251.8	-	53	53	53	258.9	2	21	19	21	270.0	5	21	16	21
251.9	-	2	2	2	259.0	-	-	-	-	270.1	2	5	3	5
252.0	67	378	311	378	259.1	-	-	-	-	270.2	3	13	10	13
252.1	8	108	100	108	259.2	26	48	22	48	270.3	6	7	1	7
252.8	-	-	-	-	259.3	-	2	2	2	270.4	2	4	2	4
252.9	3	10	7	11	259.4	64	137	73	137	270.5	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	44	58	14	58	276.6	35	224	189	224	283.0	95	278	183	278
270.7	18	31	13	31	276.7	244	3664	3420	3664	283.1	42	191	149	191
270.8	3	3	-	3	276.8	102	982	880	982	283.2	12	28	16	28
270.9	1	2	1	2	276.9	378	3636	3260	4801	283.9	20	40	20	41
271.0	16	34	18	34	277.0	428	467	39	467	284.0	28	71	43	29
271.1	-	2	2	2	277.1	5	36	31	36	284.8	427	3095	2668	3175
271.2	-	-	-	-	277.2	2	2	-	2	284.9	827	1872	1046	1997
271.3	7	192	185	192	277.3	614	1001	387	1001	285.0	161	434	273	416
271.4	3	9	6	9	277.4	7	24	17	24	285.1	13	31	18	21
271.8	3	5	2	5	277.5	59	79	20	79	285.8	43	185	142	180
271.9	-	-	-	-	277.6	144	186	42	186	285.9	1411	29675	28267	30476
272.0	571	1865	1295	1891	277.8	40	69	29	69	286.0	75	315	240	317
272.1	22	67	47	93	277.9	308	1657	1349	1888	286.1	6	22	16	22
272.2	11	48	37	22	278.0	1339	8622	7283	8701	286.2	1	10	9	10
272.3	-	4	4	4	278.1	-	1	1	1	286.3	28	141	113	141
272.4	604	2024	1422	2040	278.2	-	2	2	2	286.4	4	34	30	34
272.5	6	25	19	25	278.3	-	1	1	1	286.5	8	20	12	20
272.6	3	3	-	3	278.4	-	2	2	2	286.6	731	5151	4420	5151
272.7	65	89	24	89	278.8	135	206	71	206	286.7	5	9	4	9
272.8	8	18	10	18	279.0	27	92	65	92	286.9	380	2978	2598	3035
272.9	3	16	13	16	279.1	16	52	36	53	287.0	9	31	22	31
273.0	-	3	3	3	279.2	33	62	29	64	287.1	11	32	21	32
273.1	33	164	131	164	279.3	428	1077	649	1100	287.2	4	27	23	27
273.2	44	108	64	108	279.4	211	362	151	366	287.3	273	622	349	622
273.3	262	497	235	497	279.8	12	35	23	35	287.4	6	43	37	43
273.8	157	1320	1163	1321	279.9	5	24	19	25	287.5	396	4365	3969	4398
273.9	15	33	19	35	280	94	1380	1286	1288	287.8	2	5	3	5
274.0	13	235	222	207	281.0	103	1350	1249	1351	287.9	53	336	283	406
274.1	13	30	21	21	281.1	1	14	13	14	288.0	330	2892	2563	2898
274.8	-	2	2	1	281.2	13	147	134	146	288.1	13	31	18	31
274.9	45	1094	1051	1132	281.3	-	1	1	1	288.2	2	5	3	5
275.0	178	396	218	430	281.4	3	4	1	2	288.3	22	59	37	60
275.1	14	20	6	20	281.8	6	204	198	1	288.8	127	656	529	656
275.2	5	45	40	45	281.9	53	291	240	188	288.9	2	9	7	9
275.3	17	50	33	50	282.0	3	17	14	17	289.0	2	73	71	73
275.4	146	4726	4580	4727	282.1	-	2	2	2	289.1	-	-	-	-
275.8	-	-	-	-	282.2	1	4	3	4	289.2	2	8	6	8
275.9	-	1	1	1	282.3	6	7	1	7	289.3	8	31	23	32
276.0	246	1126	880	1126	282.4	38	122	84	122	289.4	26	185	159	185
276.1	197	2015	1818	2015	282.5	5	28	23	34	289.5	91	519	428	522
276.2	833	7563	6730	8721	282.6	389	592	203	594	289.6	1	5	4	5
276.3	14	99	85	99	282.7	3	13	10	14	289.7	1	3	2	3
276.4	1	7	6	7	282.8	3	3	-	3	289.8	1864	4271	2407	4296
276.5	2905	23768	20863	23778	282.9	193	671	478	689	289.9	114	485	371	653

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
290.0	3167	14127	10966	14107	296.8	1	8	7	8	302.5	-	-	-	-
290.1	3253	7711	4458	7198	296.9	1	37	36	39	302.6	-	-	-	-
290.2	93	543	456	104	297.0	-	1	1	1	302.7	-	2	2	2
290.3	15	36	21	21	297.1	2	40	38	40	302.8	-	4	4	4
290.4	1569	5413	3844	4645	297.2	2	4	2	4	302.9	-	3	3	3
290.8	2	4	2	4	297.3	1	3	2	3	303	4936	14617	9682	20377
290.9	2	7	5	7	297.8	-	-	-	-	304.0	24	45	21	45
291.0	155	268	124	283	297.9	4	76	72	77	304.1	-	1	1	1
291.1	17	7	3	3	298.0	1	2	1	2	304.2	12	42	30	42
291.2	84	81	63	84	298.1	-	4	4	4	304.3	-	-	-	-
291.3	-	1	1	1	298.2	-	2	2	2	304.4	-	-	-	-
291.4	-	-	-	-	298.3	-	1	1	1	304.5	-	-	-	-
291.5	-	-	-	-	298.4	2	3	1	3	304.6	19	88	69	88
291.8	132	203	84	252	298.8	3	7	4	7	304.7	-	-	-	-
291.9	15	72	68	2	298.9	3189	11999	8813	12225	304.8	1	1	-	1
292.0	5	19	14	19	299.0	5	21	16	21	304.9	459	881	422	884
292.1	-	1	1	1	299.1	-	1	1	1	305.0	727	3498	2771	5471
292.2	-	-	-	-	299.8	-	1	1	1	305.1	210	16009	15799	16009
292.8	2	3	1	3	299.9	-	-	-	-	305.2	2	27	25	27
292.9	-	1	1	1	300.0	14	384	370	385	305.3	1	4	3	4
293.0	5	18	13	18	300.1	12	36	24	37	305.4	3	16	13	16
293.1	-	-	-	-	300.2	1	10	9	9	305.5	12	50	38	50
293.8	-	-	-	-	300.3	1	3	2	3	305.6	115	483	368	483
293.9	5	25	20	25	300.4	15	311	296	312	305.7	8	28	20	28
294.0	11	132	121	132	300.5	2	5	3	5	305.8	1	4	3	4
294.8	-	3	3	3	300.6	-	-	-	-	305.9	771	2995	2224	3044
294.9	113	1868	1758	15455	300.7	-	-	-	-	306.0	1	1	-	1
295.0	62	240	178	240	300.8	-	3	3	2	306.1	5	17	12	17
295.1	1	8	7	8	300.9	26	223	197	228	306.2	4	82	78	82
295.2	13	52	39	52	301.0	-	2	2	2	306.3	-	1	1	1
295.3	22	262	240	263	301.1	-	1	1	1	306.4	3	14	11	14
295.4	-	3	3	3	301.2	1	8	7	8	306.5	-	-	-	-
295.5	-	1	1	1	301.3	-	2	2	2	306.6	-	-	-	-
295.6	38	564	526	564	301.4	-	1	1	1	306.7	-	-	-	-
295.7	1	33	32	33	301.5	-	1	1	1	306.8	-	-	-	-
295.8	1	2	1	2	301.6	-	1	1	1	306.9	-	-	-	-
295.9	130	1661	1531	1667	301.7	-	4	4	4	307.0	-	-	-	-
296.0	2	20	18	20	301.8	-	2	2	2	307.1	74	165	91	165
296.1	24	214	190	214	301.9	4	64	60	64	307.2	-	6	6	6
296.2	1	6	5	6	302.0	-	47	47	47	307.3	-	-	-	-
296.3	-	10	10	10	302.1	-	-	-	-	307.4	-	2	2	2
296.4	-	4	4	4	302.2	-	-	-	-	307.5	114	416	302	416
296.5	10	164	154	164	302.3	-	1	1	1	307.6	-	-	-	-
296.6	11	254	243	254	302.4	-	-	-	-	307.7	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
307.8	-	2	2	2	315.8	-	-	-	-	333.5	10	48	38	48
307.9	25	101	76	119	315.9	3	21	18	21	333.6	6	14	8	14
308.0	1	3	2	3	316	-	3	3	3	333.7	1	1	-	1
308.1	-	-	-	-	317	4	27	23	27	333.8	35	185	150	185
308.2	-	-	-	-	318.0	1	11	10	11	333.9	23	55	32	56
308.3	2	4	2	4	318.1	75	252	177	252	334.0	43	61	18	61
308.4	-	1	1	1	318.2	51	204	153	204	334.1	3	7	4	7
308.9	30	268	238	268	319	265	1651	1386	1654	334.2	12	17	5	17
309.0	3	25	22	25	320.0	84	98	14	98	334.3	13	67	54	67
309.1	-	-	-	-	320.1	206	351	145	351	334.8	66	140	74	140
309.2	-	-	-	-	320.2	75	130	55	130	334.9	105	234	129	235
309.3	-	-	-	-	320.3	29	98	69	98	335.0	163	171	8	171
309.4	-	-	-	-	320.8	24	59	35	59	335.1	40	50	10	50
309.8	-	-	-	-	320.9	211	393	182	397	335.2	3491	4110	619	4110
309.9	-	4	4	4	322.0	2	10	8	10	335.8	1	1	-	1
310.0	1	9	8	9	322.1	1	2	1	2	335.9	5	5	-	6
310.1	-	6	6	6	322.2	9	19	10	19	336.0	28	69	41	69
310.2	12	42	30	44	322.9	427	1717	1292	1751	336.1	29	111	82	111
310.8	1	4	3	4	323.5	-	4	4	4	336.8	20	68	48	71
310.9	4664	30527	25863	30529	323.8	-	6	6	6	336.9	69	297	228	1112
311	301	5179	4878	5183	323.9	283	966	683	1051	337.0	-	6	6	6
312.0	-	1	1	1	324.0	156	436	280	438	337.9	19	56	37	89
312.1	-	-	-	-	324.1	11	18	7	18	340	1679	2876	1197	2876
312.2	-	1	1	1	324.9	33	62	29	65	341.0	1	2	1	2
312.3	-	-	-	-	325	19	49	30	49	341.1	5	15	10	15
312.8	-	6	6	6	326	28	50	22	50	341.8	19	25	6	25
312.9	2	21	19	21	330.0	91	109	18	109	341.9	87	204	117	213
313.0	-	-	-	-	330.1	50	58	8	58	342.0	1	6	5	6
313.1	-	-	-	-	330.8	23	28	5	28	342.1	-	28	28	28
313.2	-	-	-	-	330.9	3	5	2	6	342.9	192	8129	7937	8577
313.3	-	-	-	-	331.0	13110	30146	17038	30643	343.0	4	16	12	9
313.8	-	-	-	-	331.1	12	27	15	29	343.1	1	4	3	4
313.9	-	2	2	2	331.2	50	128	78	122	343.2	38	75	37	24
314.0	-	-	-	-	331.3	8	32	24	32	343.3	-	-	-	-
314.1	-	-	-	-	331.4	613	2169	1560	2206	343.4	1	1	-	1
314.2	-	-	-	-	331.8	54	86	32	86	343.8	-	-	-	-
314.8	-	-	-	-	331.9	471	2024	1554	2216	343.9	711	1319	609	1380
314.9	-	6	6	6	332.0	6981	19878	12897	19891	344.0	219	1348	1129	1399
315.0	-	-	-	-	332.1	3	15	12	15	344.1	124	1317	1193	1321
315.1	-	-	-	-	333.0	153	273	120	262	344.2	-	15	15	18
315.2	-	2	2	2	333.1	5	48	43	48	344.3	-	60	60	60
315.3	-	1	1	1	333.2	13	36	23	36	344.4	-	25	25	25
315.4	1	21	20	21	333.3	-	-	-	-	344.5	-	4	4	4
315.5	-	-	-	-	333.4	355	550	195	550	344.6	113	644	531	645

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, 1989

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	96	1045	949	1045	352.5	1	3	2	3	358.2	-	-	-	
344.9	64	848	784	887	352.6	5	7	2	7	358.8	11	20	9	
345.0	1	14	13	14	352.9	15	29	14	29	358.9	120	171	51	
345.1	366	844	478	844	353.0	-	9	9	9	359.0	30	39	9	
345.2	-	-	-	-	353.1	-	2	2	2	359.1	670	930	260	
345.3	558	1188	630	1188	353.2	2	2	-	2	359.2	117	179	62	
345.4	9	22	13	22	353.3	-	1	1	1	359.3	2	7	5	
345.5	5	16	11	16	353.4	-	-	-	-	359.4	14	74	60	
345.6	6	18	12	18	353.5	-	-	-	-	359.8	18	41	23	
345.7	1	8	7	8	353.6	-	-	-	-	359.9	84	267	183	
345.8	-	-	-	-	353.8	1	5	4	5	360.0	9	22	13	
345.9	649	1236	587	1289	353.9	-	-	-	-	360.1	-	-	-	
346.0	-	1	1	1	354.0	-	7	7	7	360.2	-	-	-	
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	1	1	
346.2	-	3	3	3	354.2	1	5	4	5	360.4	-	1	1	
346.8	1	3	2	3	354.3	-	1	1	1	360.5	-	-	-	
346.9	2	31	29	32	354.4	-	-	-	-	360.6	-	-	-	
347	2	27	25	27	354.5	1	9	8	9	360.8	-	7	7	
348.0	38	79	41	79	354.8	7	14	7	14	360.9	-	1	1	
348.1	2041	17396	15356	17365	354.9	-	-	-	-	361.0	-	-	-	
348.2	62	1309	1247	1309	355.0	-	1	1	1	361.1	-	-	-	
348.3	471	3492	3021	3605	355.1	-	-	-	-	361.2	-	-	-	
348.4	108	3097	2989	3097	355.2	2	6	4	6	361.3	-	-	-	
348.5	173	3036	2863	3036	355.3	-	2	2	2	361.8	-	-	-	
348.8	97	781	684	781	355.4	-	-	-	-	361.9	1	10	9	
348.9	272	1196	925	1947	355.5	-	-	-	-	362.1	-	8	8	
349.0	-	-	-	-	355.6	-	-	-	-	362.2	-	6	6	
349.1	1	2	1	2	355.7	1	1	-	1	362.3	1	10	9	
349.2	-	3	3	3	355.8	-	3	3	3	362.4	-	-	-	
349.8	211	533	322	533	355.9	60	299	242	557	362.5	-	65	65	
349.9	99	256	157	368	356.0	1	1	-	1	362.6	-	16	16	
350.1	3	73	70	73	356.1	18	67	49	67	362.7	1	20	19	
350.2	-	-	-	-	356.2	5	6	1	6	362.8	-	4	4	
350.8	-	-	-	-	356.3	-	-	-	-	362.9	-	16	16	
350.9	-	1	1	1	356.4	2	3	1	3	363.0	-	-	-	
351.0	2	52	50	52	366.8	305	414	109	414	363.1	-	-	-	
351.1	-	1	1	1	356.9	94	449	355	769	363.2	-	101	101	
351.8	-	3	3	3	357.0	185	374	189	375	363.3	-	-	-	
351.9	-	1	1	1	357.5	5	17	12	17	363.4	-	-	-	
352.0	-	-	-	-	357.6	-	-	-	-	363.5	-	-	-	
352.1	-	2	2	2	357.7	-	-	-	-	363.6	-	2	2	
352.2	1	2	1	2	357.8	1	2	1	2	363.7	-	-	-	
352.3	3	4	1	4	357.9	14	34	20	47	363.8	-	-	-	
352.4	-	-	-	-	358.0	277	698	421	698	363.9	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	6	1423	1417	1423	374.2	-	-	-	-
364.1	-	-	-	-	369.1	-	1	1	1	374.3	-	1	1	1
364.2	-	-	-	-	369.2	-	2	2	2	374.4	-	-	-	-
364.3	-	4	4	5	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	-	-	-	369.6	-	19	19	19	374.8	1	1	-	1
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	-	-	-
364.6	-	-	-	-	369.8	-	1	1	1	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	37	37	38	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	10	10	10	375.2	-	-	-	-
364.9	-	-	-	-	370.2	-	-	-	-	375.3	-	1	1	1
365.0	-	1	1	1	370.3	-	-	-	-	375.4	-	-	-	-
365.1	-	4	4	4	370.4	-	-	-	-	375.5	-	-	-	-
365.2	-	5	5	5	370.5	1	1	-	1	375.6	-	1	1	1
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-
365.4	-	1	1	1	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	1	1	1	370.9	-	3	3	3	376.0	4	15	11	15
365.6	-	-	-	-	371.0	1	3	2	3	376.1	-	5	5	5
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	5	5	7
365.9	1	831	830	835	371.2	-	2	2	2	376.4	-	1	1	1
366.0	-	-	-	-	371.3	-	-	-	-	376.5	1	3	2	3
366.1	-	5	5	5	371.4	-	1	1	1	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	-	-	-	376.8	1	1	-	1
366.3	-	-	-	-	371.6	-	-	-	-	376.9	-	1	1	1
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	1	1	1
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	9	9	9
366.8	-	-	-	-	371.9	-	4	4	4	377.2	-	-	-	-
366.9	-	202	202	243	372.0	-	13	13	13	377.3	-	11	11	11
367.0	-	2	2	2	372.1	-	1	1	1	377.4	-	1	1	1
367.1	-	1	1	1	372.2	-	1	1	1	377.5	-	-	-	-
367.2	-	-	-	-	372.3	-	13	13	13	377.6	-	-	-	-
367.3	-	-	-	-	372.4	1	3	2	3	377.7	-	-	-	-
367.4	-	1	1	1	372.5	-	-	-	-	377.9	-	-	-	-
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	3	3	3
367.8	-	-	-	-	372.7	-	-	-	-	378.1	-	1	1	1
367.9	-	1	1	1	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	4	4	4	372.9	-	2	2	2	378.3	-	-	-	-
368.1	-	1	1	1	373.0	-	1	1	1	378.4	-	-	-	-
368.2	-	-	-	-	373.1	-	2	2	2	378.5	-	6	6	6
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	9	9	9	373.3	-	-	-	-	378.7	-	1	1	1
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	6	6	6
368.6	-	-	-	-	373.9	-	-	-	-	378.9	2	6	4	7
368.8	-	-	-	-	374.0	-	1	1	1	379.0	-	2	2	2
368.9	-	1	1	1	374.1	-	3	3	3	379.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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379.2	-	2	2	2	385.3	-	8	8	8	394.9	1593	3113	1520	3217
379.3	-	4	4	4	385.8	-	-	-	-	395.0	111	128	17	214
379.4	1	4	3	4	385.9	-	1	1	1	395.1	37	43	6	81
379.5	-	2	2	2	386.0	-	25	25	25	395.2	8	11	3	1
379.8	-	2	2	2	386.1	-	1	1	1	395.9	53	70	17	92
379.9	2	22	20	23	386.2	-	-	-	-	396	1041	1823	782	1715
380.0	-	-	-	-	386.3	1	15	14	15	397.0	127	591	464	591
380.1	5	24	19	24	386.4	-	-	-	-	397.1	2	7	5	7
380.2	-	-	-	-	386.5	-	-	-	-	397.9	369	526	157	659
380.3	-	-	-	-	386.8	-	-	-	-	398.0	3	5	2	12
380.4	-	-	-	-	386.9	-	-	-	-	398.9	1517	2622	1105	3933
380.5	-	-	-	-	387.0	-	-	-	-	401.0	43	507	464	631
380.8	-	-	-	-	387.1	-	-	-	-	401.1	2	107	105	127
380.9	-	-	-	-	387.2	-	-	-	-	401.9	4347	94461	90127	112373
381.0	-	-	-	-	387.8	-	-	-	-	402.0	24	25	9	6
381.1	-	-	-	-	387.9	-	6	6	6	402.1	6	10	5	-
381.2	-	-	-	-	388.0	-	13	13	13	402.9	20933	38659	17914	35187
381.3	-	-	-	-	388.1	-	-	-	-	403.0	47	91	47	3
381.4	-	-	-	-	388.2	-	-	-	-	403.1	8	22	14	18
381.5	-	-	-	-	388.3	1	2	1	2	403.9	4319	13222	8973	5387
381.6	-	-	-	-	388.4	-	-	-	-	404.0	10	12	2	3
381.7	-	-	-	-	388.5	-	-	-	-	404.1	2	3	1	-
381.8	-	-	-	-	388.6	-	1	1	1	404.9	2373	3551	1470	496
381.9	1	2	1	2	388.7	-	2	2	2	410	246950	278633	31685	278633
382.0	2	2	-	2	388.8	-	-	-	-	411	3376	8023	4647	8023
382.1	-	-	-	-	388.9	-	-	-	1	412	1022	6420	5398	6420
382.2	-	-	-	-	389.0	-	-	-	-	413	1066	6109	5043	6109
382.3	-	-	-	-	389.1	-	15	15	15	414.0	163295	283776	120484	283780
382.4	6	7	1	7	389.2	-	-	-	-	414.1	277	1037	760	1037
382.9	43	114	71	114	389.7	1	37	36	37	414.8	11382	19476	8094	19476
383.0	1	4	3	4	389.8	-	-	-	-	414.9	70653	141042	70395	151665
383.1	3	7	4	7	389.9	-	429	429	429	415.0	7	81	74	81
383.2	-	1	1	1	390	13	46	33	61	415.1	9709	28777	19068	28777
383.3	...	-	-	-	391.0	27	66	39	68	416.0	1152	3510	2358	3510
383.8	1	2	1	2	391.1	19	27	8	31	416.1	115	277	162	29
383.9	5	21	16	21	391.2	-	-	-	-	416.8	3	6	3	6
384.0	-	-	-	-	391.8	6	8	2	3	416.9	921	8389	7468	8730
384.1	1	2	1	2	391.9	5	6	1	10	417.0	-	5	5	5
384.2	-	4	4	4	392.0	-	-	-	-	417.1	14	19	5	19
384.8	-	-	-	-	392.9	-	-	-	-	417.8	28	70	42	70
384.9	-	-	-	-	393	1	1	-	1	417.9	17	32	15	34
385.0	-	-	-	-	394.0	895	1552	657	1696	420.9	58	189	131	193
385.1	-	-	-	-	394.1	177	244	67	415	421.0	934	2304	1370	2353
385.2	-	-	-	-	394.2	83	110	28	4	421.9	21	50	29	53

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	293	424	133	429	429.4	..	22	22	22	442.1	30	49	19	49
423.0	30	698	668	698	429.5	15	47	32	47	442.2	162	297	135	297
423.1	11	73	62	73	429.6	7	142	135	142	442.3	50	128	78	128
423.2	66	207	141	208	429.8	133	622	489	632	442.8	105	244	139	252
423.8	9	48	39	48	429.9	2825	9659	6852	19042	442.9	326	537	212	822
423.9	361	3805	3444	4080	430	6809	7843	1045	7172	443.0	8	74	66	74
424.0	1848	4701	2853	4699	431	18203	25409	7217	26034	443.1	32	81	49	81
424.1	7677	17056	9379	17057	432.0	3	12	9	12	443.8	33	85	52	85
424.2	2	33	31	33	432.1	470	1262	792	1277	443.9	3851	14533	11068	19661
424.3	20	46	26	46	432.9	2003	3138	1140	3409	444.0	106	268	162	268
424.9	2638	5429	2791	5849	433.0	323	403	80	441	444.1	307	644	337	644
425.0	5	7	2	7	433.1	801	1692	891	1711	444.2	507	2331	1824	2331
425.1	257	409	152	409	433.2	40	52	12	93	444.8	100	462	362	462
425.2	-	-	-	-	433.3	63	127	64	76	444.9	343	1245	903	1743
425.3	93	125	32	125	433.8	14	35	21	39	446.0	121	203	82	203
425.4	19365	25373	6008	25375	433.9	2	11	9	11	446.1	6	7	1	7
425.5	941	1044	209	823	434.0	8778	12497	3719	12497	446.2	111	215	104	215
425.9	583	10477	9903	11775	434.1	681	2338	1657	2338	446.3	4	5	1	5
426.0	330	3270	2940	3270	434.9	11021	19631	8610	20531	446.4	183	278	95	278
426.1	33	425	392	425	435	322	2201	1879	2201	446.5	107	556	449	556
426.2	1	15	14	15	436	80012	146475	66469	152580	446.6	244	288	44	288
426.3	17	376	359	376	437.0	4379	23652	19283	23047	446.7	9	22	13	22
426.4	11	221	210	221	437.1	627	2062	1436	2110	447.0	9	40	31	40
426.5	15	135	120	135	437.2	84	143	59	127	447.1	136	383	247	383
426.6	19	140	121	140	437.3	442	697	255	2159	447.2	209	546	337	546
426.7	43	129	86	129	437.4	67	118	51	118	447.3	-	-	-	-
426.8	269	3453	3184	3453	437.5	18	22	4	22	447.4	1	4	3	4
426.9	124	1455	1331	1455	437.6	1	2	1	2	447.5	3	9	6	9
427.0	18	207	189	207	437.8	52	493	441	284	447.6	558	1375	817	1445
427.1	551	7912	7361	7912	437.9	4156	12742	8593	19485	447.8	18	62	44	62
427.2	7	45	38	45	438	6180	17868	11689	17868	447.9	349	581	234	857
427.3	2959	29173	26214	29175	440.0	63	435	372	714	448.0	24	89	65	89
427.4	1460	23463	22003	23463	440.1	49	287	238	316	448.1	-	-	-	-
427.5	33416	428282	394868	428282	440.2	987	3617	2631	2286	448.9	16	56	40	56
427.6	77	1251	1174	1251	440.8	2	54	52	63	451.0	5	7	2	7
427.8	567	5409	4842	5409	440.9	18256	91602	73351	102390	451.1	555	1358	804	1360
427.9	4548	50229	45682	69008	441.0	3000	3380	380	3380	451.2	476	1186	710	1188
428.0	34348	231442	197097	234670	441.1	1293	1352	60	1427	451.8	34	78	44	78
428.1	185	861	676	2255	441.2	603	1267	664	1408	451.9	428	1414	990	1437
428.9	4284	32988	28708	35753	441.3	6786	7297	511	7289	452	46	140	94	140
429.0	680	1811	1133	1751	441.4	1754	5227	3473	5668	453.0	45	113	68	113
429.1	672	1214	542	1228	441.5	2159	2349	190	2531	453.1	3	44	41	44
429.2	70880	113609	42737	115259	441.6	634	1822	1188	2065	453.2	60	243	183	243
429.3	739	6731	5993	6895	442.0	-	1	1	1	453.3	13	49	36	49

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	123	414	291	414	463	5	12	7	12	478.8	-	1	1	1
453.9	119	1352	1235	2346	464.0	11	30	19	34	478.9	8	12	4	12
454.0	45	211	166	220	464.1	26	66	40	80	480.0	4	9	5	10
454.1	17	87	70	90	464.2	6	12	6	9	480.1	25	55	30	55
454.2	6	26	20	7	464.3	44	63	19	64	480.2	-	3	3	3
454.9	99	315	216	328	464.4	3	8	5	8	480.8	7	18	11	18
455.0	1	5	4	9	465.0	-	1	1	1	480.9	654	1062	408	1105
455.1	1	1	-	1	465.8	-	-	-	-	481	2719	5159	2441	5133
455.2	6	10	4	6	465.9	148	697	549	782	482.0	295	746	451	752
455.3	-	3	3	4	466.0	551	2167	1617	2453	482.1	548	1872	1324	1887
455.4	-	1	1	1	466.1	82	188	106	190	482.2	96	209	113	213
455.5	-	2	2	1	470	-	2	2	2	482.3	358	656	298	662
455.6	7	44	37	53	471.0	-	-	-	-	482.4	859	1972	1113	1992
455.7	-	3	3	3	471.1	-	-	-	-	482.8	232	558	326	564
455.8	3	21	18	12	471.8	-	1	1	1	482.9	967	2155	1192	2128
455.9	-	2	2	2	471.9	-	3	3	3	483	137	180	43	185
456.0	325	3621	3296	1726	472.0	-	8	8	8	485	6902	20725	13824	20883
456.1	47	887	843	2841	472.1	1	2	1	2	486	61154	168424	107275	173645
456.3	1	1	-	1	472.2	-	-	-	-	487.0	738	876	138	122
456.4	-	-	-	-	473.0	3	13	10	13	487.1	826	1347	556	2133
456.5	-	1	1	1	473.1	2	3	1	3	487.8	29	40	14	8
456.6	-	-	-	-	473.2	4	9	5	9	490	705	2365	1661	3743
456.8	37	375	338	375	473.3	4	8	4	8	491.0	125	29	24	56
457.0	...	1	1	1	473.8	14	18	4	19	491.1	28	67	44	111
457.1	18	157	139	157	473.9	51	198	147	201	491.2	2164	3707	1544	261
457.2	4	28	24	28	474.0	2	4	2	4	491.8	85	152	72	172
457.8	16	75	59	75	474.1	3	4	1	4	491.9	652	2315	1664	4370
457.9	3	3	-	3	474.2	-	-	-	-	492	15467	33051	17586	34702
458.0	13	152	139	164	474.8	2	10	8	10	493.0	49	63	15	51
458.1	-	3	3	3	474.9	4	17	13	18	493.1	17	27	11	28
458.9	921	9558	8637	9563	475	37	43	6	43	493.9	4803	10422	5656	10604
459.0	409	4643	4237	5196	476.0	3	7	4	8	494	901	1772	871	1795
459.1	-	7	7	7	476.1	1	3	2	2	495.0	5	8	3	8
459.2	30	1069	1039	1069	477.0	-	1	1	1	495.1	1	1	-	1
459.8	24	126	102	126	477.8	-	-	-	-	495.2	2	2	-	2
459.9	379	796	420	4973	477.9	3	24	21	37	495.3	-	-	-	-
460	5	21	16	28	478.0	-	1	1	1	495.4	-	-	-	-
461.0	2	3	1	3	478.1	2	9	7	9	495.5	-	-	-	-
461.1	1	1	-	1	478.2	84	265	181	266	495.6	-	-	-	-
461.2	-	-	-	-	478.3	28	216	188	216	495.7	-	-	-	-
461.3	-	-	-	-	478.4	4	11	7	11	495.8	-	-	-	-
461.8	2	2	-	2	478.5	1	9	8	9	495.9	11	17	6	18
461.9	4	13	9	13	478.6	15	75	60	75	496	59329	143889	84574	151618
462	19	54	35	55	478.7	62	204	142	217	500	729	2136	1407	2136

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, 1989

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	273	878	605	878	519.3	42	125	83	125	524.1	-	-	-	-
502	138	302	164	302	519.4	20	86	66	86	524.2	-	-	-	-
503	9	17	8	17	519.8	574	2036	1462	2351	524.3	-	-	-	-
504	4	8	4	8	519.9	106	406	301	681	524.4	-	-	-	-
505	103	286	183	300	520.0	-	1	1	1	524.5	-	-	-	-
506.0	15	26	11	26	520.1	-	-	-	-	524.6	-	3	3	3
506.1	2	4	2	4	520.2	-	2	2	2	524.8	-	-	-	-
506.2	-	-	-	-	520.3	-	-	-	-	524.9	-	2	2	2
506.3	1	1	-	1	520.4	-	-	-	-	525.0	-	2	2	2
506.4	4	4	-	4	520.5	-	-	-	-	525.1	-	2	2	2
506.9	1	2	1	2	520.6	-	1	1	1	525.2	-	-	-	-
507.0	7706	35985	28279	36011	520.7	-	-	-	-	525.3	-	-	-	-
507.1	6	15	9	15	520.8	-	1	1	1	525.8	4	10	6	10
507.8	2	4	2	4	520.9	-	-	-	-	525.9	1	16	15	16
508.0	26	359	333	359	521.0	3	18	15	18	526.0	-	-	-	-
508.1	11	132	121	132	521.1	-	1	1	1	526.1	-	-	-	-
508.8	5	34	29	34	521.2	-	-	-	-	526.2	1	1	-	1
508.9	-	1	1	1	521.3	-	-	-	-	526.3	-	-	-	-
510.0	60	360	300	365	521.4	-	-	-	-	526.4	4	17	13	17
510.9	334	1423	1089	1488	521.5	-	-	-	-	526.5	-	1	1	1
511.0	49	302	253	339	521.6	-	-	-	-	526.8	-	3	3	3
511.1	-	1	1	1	521.7	-	-	-	-	526.9	1	9	8	9
511.8	56	526	470	526	521.8	-	-	-	-	527.0	-	-	-	-
511.9	725	10920	10195	10929	521.9	-	-	-	-	527.1	-	2	2	2
512	362	3252	2890	3265	522.0	-	-	-	-	527.2	23	121	98	121
513.0	534	1701	1167	1710	522.1	-	-	-	-	527.3	9	24	15	24
513.1	6	24	18	24	522.2	-	-	-	-	527.4	-	1	1	1
514	801	20503	19702	20511	522.3	-	-	-	-	527.5	-	2	2	2
515	5105	9856	4753	10069	522.4	1	6	5	6	527.6	-	-	-	-
516.0	9	12	3	12	522.5	5	25	20	25	527.7	-	3	3	3
516.2	-	-	-	-	522.6	-	-	-	-	527.8	-	-	-	-
516.3	156	226	70	226	522.7	-	1	1	1	527.9	2	5	3	5
516.8	883	1262	379	1275	522.8	-	-	-	-	528.0	4	33	29	33
516.9	2	4	2	4	522.9	-	-	-	-	528.1	-	3	3	3
518.0	190	1886	1696	1888	523.0	-	-	-	-	528.2	-	2	2	2
518.1	27	62	35	62	523.1	1	11	10	11	528.3	8	21	13	21
518.2	-	-	-	-	523.2	-	-	-	-	528.4	-	2	2	2
518.3	289	697	408	697	523.3	4	7	3	7	528.5	2	3	1	3
518.4	245	6239	5994	6425	523.4	-	6	6	6	528.6	-	3	3	3
518.5	1745	12478	10733	12469	523.5	-	1	1	1	528.7	-	-	-	-
518.8	3173	11827	8663	15041	523.6	-	-	-	-	528.8	-	-	-	-
519.0	22	38	16	38	523.8	1	5	4	5	528.9	16	41	25	42
519.1	275	1703	1428	1854	523.9	-	5	5	5	529.0	2	10	8	10
519.2	42	210	168	210	524.0	-	11	11	11	529.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	2	4	2	2	551.9	33	44	13	6
529.3	-	-	-	-	534.1	-	-	-	-	552.0	52	80	28	84
529.4	-	-	-	-	534.2	-	-	-	-	552.1	45	96	51	90
529.5	-	-	-	-	534.3	-	-	-	2	552.2	134	233	99	192
529.6	-	-	-	-	534.4	41	84	43	18	552.3	77	157	80	80
529.8	-	20	20	20	534.5	19	28	9	25	552.8	21	30	9	23
529.9	-	5	5	5	534.6	1	2	1	-	552.9	153	267	114	282
530.0	87	217	130	217	534.7	1	2	1	3	553.0	8	19	11	30
530.1	505	1954	1449	1954	534.9	7	37	30	108	553.1	34	142	108	161
530.2	128	420	292	420	535.0	86	226	142	246	553.2	63	259	196	350
530.3	272	1240	968	1284	535.1	30	208	178	208	553.3	340	1612	1272	1713
530.4	217	432	215	432	535.2	-	10	10	10	553.8	14	35	21	54
530.5	227	452	225	452	535.3	79	68	26	49	553.9	88	207	119	257
530.6	72	144	72	144	535.4	171	581	411	590	555.0	9	21	12	25
530.7	67	176	109	176	535.5	300	1504	1207	1521	555.1	9	32	23	36
530.8	238	1404	1166	1614	535.6	13	96	83	96	555.2	3	5	2	1
530.9	59	124	65	142	536.0	-	2	2	2	555.9	308	860	552	862
531.0	28	50	24	13	536.1	6	29	23	29	556	307	893	586	893
531.1	6	12	7	13	536.2	1	12	11	12	557.0	4593	8226	3633	8822
531.2	2	4	2	1	536.8	54	219	165	241	557.1	348	575	227	575
531.3	6	28	22	68	536.9	52	243	191	245	557.9	2025	4238	2213	4754
531.4	999	2000	1002	605	537.0	119	772	653	772	558	1132	4087	2955	4210
531.5	642	1247	606	1353	537.1	2	6	4	6	560.0	27	46	19	46
531.6	73	127	54	13	537.2	-	-	-	-	560.1	250	1507	1257	1532
531.7	5	27	22	47	537.3	11	127	116	127	560.2	599	1036	437	1078
531.9	219	1481	1262	2991	537.4	39	211	172	211	560.3	148	391	244	394
532.0	25	47	23	19	537.5	-	2	2	2	560.8	341	615	275	69
532.1	6	14	9	15	537.6	-	1	1	1	560.9	2822	11560	8738	12675
532.2	3	4	1	-	537.8	74	382	308	548	562.0	30	51	21	51
532.3	2	14	12	48	537.9	114	365	251	388	562.1	3059	6384	3326	6384
532.4	1010	1891	881	785	540.0	337	682	345	654	564.0	47	185	138	186
532.5	919	1539	620	1666	540.1	31	85	54	84	564.1	84	282	198	282
532.6	89	141	52	11	540.9	23	53	30	84	564.2	-	28	28	28
532.7	8	41	33	66	541	56	109	53	155	564.3	...	1	1	1
532.9	166	1068	902	2288	542	-	1	1	1	564.4	-	1	1	1
533.0	20	38	19	14	543	4	11	7	13	564.5	-	1	1	1
533.1	6	9	3	9	550.0	27	33	6	2	564.6	-	1	1	1
533.2	-	-	-	-	550.1	122	243	121	237	564.7	84	231	147	234
533.3	2	16	14	46	550.9	48	320	272	367	564.8	35	101	66	101
533.4	1314	2657	1343	663	551.0	8	13	6	-	564.9	8	31	23	31
533.5	539	1036	497	1111	551.1	17	22	6	13	565.0	3	11	8	11
533.6	52	89	37	9	551.2	35	40	6	1	565.1	14	71	57	71
533.7	10	100	90	149	551.3	11	18	10	-	566	118	305	187	305
533.9	304	3613	3309	5856	551.8	13	12	-	-	567.1	1	3	2	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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
567.2	467	2667	2200	2721	575.2	8	34	26	51	582.8	38	70	32	49
567.8	21	114	93	115	575.3	7	17	10	17	582.9	953	3368	2427	4151
567.9	829	5655	4826	5974	575.4	70	177	107	177	583.0	6	8	2	8
568.0	117	346	232	909	575.5	13	27	14	33	583.1	19	34	20	43
568.8	109	413	304	413	575.6	-	9	9	9	583.2	6	15	9	16
568.9	11	36	25	36	575.8	30	138	108	138	583.4	13	21	8	21
569.0	4	25	21	26	575.9	299	889	590	926	583.6	7	11	4	12
569.1	21	85	64	87	576.0	...	-	-	-	583.7	2	17	15	-
569.2	2	22	20	22	576.1	442	1291	849	1291	583.8	97	184	89	167
569.3	106	632	526	644	576.2	246	1296	1050	1417	583.9	297	708	414	1018
569.4	45	258	213	259	576.3	4	9	5	11	584.5	223	1107	887	1142
569.5	32	379	347	379	576.4	11	44	33	44	584.6	1	6	5	5
569.6	...	26	26	26	576.5	2	4	2	4	584.7	2	13	11	6
569.8	1162	4557	3397	4605	576.8	184	1462	1278	1558	584.8	1	1	-	1
569.9	397	1136	752	1537	576.9	43	73	30	93	584.9	3097	21970	18873	22146
570	352	1571	1219	1582	577.0	2251	5358	3108	5401	585	5087	21921	16838	26762
571.0	663	1040	377	18	577.1	231	963	732	963	586	10837	70224	59389	80054
571.1	858	825	193	1034	577.2	81	294	213	294	587	72	181	110	248
571.2	8243	10429	2186	5157	577.8	67	399	332	399	588.0	12	40	28	40
571.3	2544	3079	814	3377	577.9	79	185	106	205	588.1	4	11	7	11
571.4	786	1501	715	1503	578.0	37	237	200	261	588.8	25	140	115	140
571.5	12307	21252	8949	26733	578.1	10	67	57	68	588.9	-	-	-	-
571.6	394	562	168	562	578.9	5911	32327	26437	38618	589.0	-	1	1	1
571.8	623	1834	1211	2856	579.0	13	48	35	48	589.1	1	2	1	2
571.9	276	616	340	704	579.1	18	52	34	52	589.9	1	2	1	2
572.0	127	368	241	368	579.2	...	397	397	397	590.0	278	724	446	760
572.1	1	7	6	7	579.3	...	23	23	23	590.1	261	551	290	572
572.2	453	6693	6240	6829	579.4	-	1	1	1	590.2	79	235	156	248
572.3	129	1317	1188	1317	579.8	5	35	30	35	590.3	-	1	1	1
572.4	545	5894	5349	5894	579.9	102	372	279	381	590.8	750	1735	988	1831
572.8	2315	25675	23360	25675	580.0	-	-	-	-	590.9	46	133	87	146
573.0	13	258	245	258	580.4	-	-	-	-	591	83	656	573	656
573.3	551	1501	950	1539	580.8	6	13	7	10	592.0	241	758	517	758
573.4	26	88	62	88	580.9	103	500	397	503	592.1	24	62	38	62
573.8	141	1380	1239	1380	581.0	-	-	-	-	592.9	33	104	71	109
573.9	827	1981	1156	3018	581.1	2	10	8	1	593.0	-	-	-	-
574.0	146	239	93	17	581.2	-	1	1	-	593.1	1	7	6	7
574.1	257	622	365	33	581.3	7	10	3	1	593.2	3	13	10	13
574.2	629	2344	1715	3150	581.8	-	6	6	1	593.3	5	22	17	22
574.3	21	37	16	6	581.9	192	625	438	787	593.4	88	857	769	857
574.4	39	82	43	4	582.0	-	-	-	-	593.5	1	20	19	20
574.5	237	473	236	584	582.1	4	4	-	4	593.6	1	2	1	2
575.0	703	1411	708	1660	582.2	1	1	-	1	593.7	5	12	7	12
575.1	589	1544	955	2212	582.4	2	3	2	3	593.8	186	974	788	976

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, 1989

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593.9	2956	16157	13215	22317	601.8	-	1	1	1	611.9	30	222	192	227
594.0	1	1	-	1	601.9	20	88	68	88	614.0	-	-	-	-
594.1	8	55	47	55	602.0	-	7	7	7	614.1	1	2	1	2
594.2	6	7	1	7	602.1	1	35	34	35	614.2	16	27	11	27
594.8	-	-	-	-	602.2	-	-	-	-	614.3	-	-	-	-
594.9	2	7	5	7	602.8	3	9	6	9	614.4	54	202	148	202
595.0	21	67	46	67	602.9	110	314	204	324	614.5	2	6	4	6
595.1	-	1	1	1	603.0	-	-	-	-	614.6	3	9	6	9
595.2	23	153	130	153	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	2	2	2	603.8	-	1	1	1	614.8	-	-	-	-
595.8	12	77	65	77	603.9	-	17	17	17	614.9	17	32	15	37
595.9	105	580	475	581	604.0	5	8	3	8	615.0	-	-	-	-
596.0	59	234	175	234	604.9	11	32	21	32	615.1	1	1	-	1
596.1	65	341	276	341	605	-	7	7	7	615.9	13	33	20	33
596.2	4	59	55	59	606	-	-	-	-	616.0	-	3	3	3
596.3	2	15	13	15	607.0	-	-	-	-	616.1	9	30	21	30
596.4	12	61	49	61	607.1	-	3	3	3	616.2	-	-	-	-
596.5	8	29	21	29	607.2	15	35	20	35	616.3	-	-	-	-
596.6	14	53	39	53	607.3	-	2	2	2	616.4	1	5	4	5
596.7	1	3	2	3	607.8	-	7	7	7	616.5	1	2	1	2
596.8	11	167	156	168	607.9	-	2	2	2	616.8	-	-	-	-
596.9	10	34	24	36	608.0	-	-	-	-	616.9	-	-	-	-
597.0	6	13	7	13	608.1	-	-	-	-	617.0	1	1	-	1
597.8	1	12	11	12	608.2	1	3	2	3	617.1	-	-	-	-
598.0	-	-	-	-	608.3	-	1	1	1	617.2	-	-	-	-
598.1	-	1	1	1	608.4	35	104	69	104	617.3	-	-	-	-
598.2	-	-	-	-	608.8	22	74	52	74	617.4	-	-	-	-
598.8	-	-	-	-	608.9	4	10	6	17	617.5	-	-	-	-
598.9	36	136	100	136	610.0	-	1	1	1	617.6	-	-	-	-
599.0	11412	33208	21796	33474	610.1	2	8	6	8	617.8	-	-	-	-
599.1	4	32	28	32	610.2	-	1	1	1	617.9	3	12	9	12
599.2	1	3	2	3	610.3	-	1	1	1	618.0	5	17	12	20
599.3	-	3	3	3	610.4	-	-	-	-	618.1	12	45	33	48
599.4	1	2	1	2	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	2	2	2	610.9	-	-	-	-	618.3	-	2	2	2
599.6	240	1466	1226	1466	611.0	4	25	21	25	618.4	1	3	2	-
599.7	41	542	501	542	611.1	-	2	2	2	618.5	-	-	-	-
599.8	3	45	42	45	611.2	-	-	-	-	618.6	1	1	-	1
599.9	32	88	56	109	611.3	-	1	1	1	618.7	-	-	-	-
600	449	2037	1588	2037	611.4	-	-	-	-	618.8	1	6	5	6
601.0	5	13	8	13	611.5	-	-	-	-	618.9	-	-	-	-
601.1	4	27	23	27	611.6	-	-	-	-	619.0	5	34	29	34
601.2	5	12	7	12	611.7	-	11	11	11	619.1	43	262	219	262
601.3	-	2	2	2	611.8	-	4	4	4	619.2	-	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, 1989

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	3	2	3	624.2	-	-	-	-	631	-	-	-	-
619.9	1	37	36	39	624.3	-	-	-	-	632	1	2	1	2
620.0	-	1	1	1	624.4	-	-	-	-	633.0	1	1	-	1
620.1	1	6	5	6	624.5	-	-	-	-	633.1	8	9	1	9
620.2	18	53	35	53	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	-	-	-	624.8	1	4	3	4	633.8	1	2	1	2
620.4	-	-	-	-	624.9	-	2	2	2	633.9	24	26	2	27
620.5	1	3	2	3	625.0	-	-	-	-	634.0	1	1	-	1
620.6	-	-	-	-	625.1	-	-	-	-	634.1	-	-	-	-
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	-
620.8	4	21	17	21	625.3	-	3	3	3	634.3	-	-	-	-
620.9	8	32	24	32	625.4	-	-	-	-	634.4	-	-	-	-
621.0	1	6	5	6	625.5	-	-	-	-	634.5	-	-	-	-
621.1	-	-	-	-	625.6	-	2	2	2	634.6	-	-	-	-
621.2	1	8	7	8	625.8	-	-	-	-	634.7	1	1	-	-
621.3	-	3	3	3	625.9	-	1	1	1	634.8	-	-	-	-
621.4	-	-	-	-	626.0	-	-	-	-	634.9	1	4	3	6
621.5	-	1	1	1	626.1	-	-	-	-	635.0	3	3	-	1
621.6	-	-	-	-	626.2	2	6	4	6	635.1	-	-	-	-
621.7	-	-	-	-	626.3	-	-	-	-	635.2	-	-	-	-
621.8	6	25	19	25	626.4	-	-	-	-	635.3	-	-	-	-
621.9	6	106	100	107	626.5	-	-	-	-	635.4	-	-	-	-
622.0	-	1	1	1	626.6	-	-	-	-	635.5	-	-	-	-
622.1	1	4	3	4	626.7	-	-	-	-	635.6	-	-	-	-
622.2	-	-	-	-	626.8	-	2	2	2	635.7	-	1	1	-
622.3	-	-	-	-	626.9	3	32	29	32	635.8	-	-	-	-
622.4	1	6	5	6	627.0	1	1	-	1	635.9	-	1	1	3
622.5	1	1	-	1	627.1	-	9	9	9	636.0	-	-	-	-
622.6	-	-	-	-	627.2	-	7	7	7	636.1	-	-	-	-
622.7	-	1	1	1	627.3	-	-	-	-	636.2	-	-	-	-
622.8	-	20	20	20	627.4	-	-	-	-	636.3	-	-	-	-
622.9	1	1	-	3	627.8	-	1	1	1	636.4	-	-	-	-
623.0	-	-	-	-	627.9	-	-	-	-	636.5	-	-	-	-
623.1	-	-	-	-	628.0	-	-	-	-	636.6	-	-	-	-
623.2	-	-	-	-	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	-	-	-	636.8	-	-	-	-
623.4	1	1	-	1	628.4	-	-	-	-	636.9	-	-	-	-
623.5	-	1	1	1	628.8	-	-	-	-	637.0	2	2	-	-
623.6	-	-	-	-	628.9	-	-	-	-	637.1	1	2	1	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	1	1	-	-
623.8	7	132	125	132	629.1	-	-	-	-	637.3	-	-	-	-
623.9	-	2	2	2	629.8	2	9	7	9	637.4	-	-	-	-
624.0	-	3	3	3	629.9	7	21	14	22	637.5	-	-	-	-
624.1	-	-	-	-	630	3	3	-	3	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, 1989

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	2	1	-	1	673	37	70	33	73
637.8	1	1	-	1	646.9	2	6	4	6	674	30	59	29	60
637.9	1	2	1	6	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	-	-	-	-
638.2	-	-	-	-	647.3	-	-	-	-	680.1	-	-	-	-
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	-	-	-
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	-	-	-
638.5	-	-	-	-	647.6	-	1	1	1	680.4	-	-	-	-
638.6	-	-	-	-	647.8	7	8	1	8	680.5	-	-	-	-
638.7	-	-	-	-	647.9	-	-	-	-	680.6	-	1	1	1
638.8	-	-	-	-	648.0	1	1	-	1	680.7	-	-	-	-
638.9	-	-	-	-	648.1	1	2	1	2	680.8	-	-	-	-
639.0	...	1	1	9	648.2	-	1	1	1	680.9	2	5	3	5
639.1	...	-	-	14	648.3	-	-	-	-	681.0	-	2	2	2
639.2	...	1	1	2	648.4	1	3	2	3	681.1	1	16	15	16
639.3	...	-	-	-	648.5	-	1	1	1	681.9	-	2	2	2
639.4	...	-	-	1	648.6	16	18	2	18	682.0	11	71	60	71
639.5	...	1	1	5	648.7	-	-	-	-	682.1	11	59	48	59
639.6	...	-	-	1	648.8	-	-	-	-	682.2	77	313	236	313
639.8	...	2	2	10	648.9	3	8	5	8	682.3	40	168	128	168
639.9	...	-	-	-	650	-	1	1	1	682.4	8	37	29	37
640	1	2	1	2	651	-	1	1	1	682.5	13	64	51	64
641	31	49	22	53	652	-	-	-	-	682.6	201	949	748	949
642.0	-	-	-	-	653	-	-	-	-	682.7	42	220	178	220
642.1	-	-	-	-	654	-	-	-	-	682.8	11	56	45	56
642.2	-	1	1	1	655	-	-	-	-	682.9	246	1256	1011	1276
642.3	-	-	-	-	656	2	12	10	12	683	2	11	9	11
642.4	27	37	10	36	657	-	-	-	-	684	2	9	7	9
642.5	6	8	2	8	658	-	4	4	4	685.0	1	1	-	1
642.6	17	19	3	19	659	-	-	-	-	685.1	-	3	3	3
642.7	-	-	-	-	660	-	-	-	-	686.0	7	50	43	50
642.9	8	12	4	21	661	2	2	-	2	686.1	11	64	53	64
643	-	-	-	-	662	-	-	-	-	686.8	-	3	3	3
644	-	3	3	3	663	-	-	-	-	686.9	126	640	515	656
645	-	-	-	-	664	1	1	-	1	690	-	4	4	4
646.0	-	-	-	-	665	8	8	-	9	691.0	1	1	-	1
646.1	-	-	-	1	666	11	25	14	21	691.8	1	11	10	11
646.2	-	-	-	-	667	-	2	2	6	692.0	-	-	-	-
646.3	-	-	-	-	668	2	5	3	6	692.1	-	-	-	-
646.4	-	-	-	-	669	24	88	64	88	692.2	-	-	-	-
646.5	-	-	-	-	670	9	16	7	16	692.3	-	-	-	-
646.6	2	3	1	3	671	13	19	6	19	692.4	-	-	-	-
646.7	6	14	8	14	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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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692.6	-	-	-	-	701.1	-	6	6	6	709.8	1	15	14	15
692.7	-	-	-	-	701.2	1	1	-	1	709.9	10	49	39	49
692.8	-	4	4	4	701.3	-	-	-	-	710.0	1194	2102	908	2102
692.9	8	149	141	167	701.4	-	-	-	-	710.1	917	1497	580	1497
693.0	2	6	4	6	701.5	-	-	-	-	710.2	41	154	113	154
693.1	8	10	2	10	701.8	-	3	3	3	710.3	97	198	101	198
693.8	-	-	-	-	701.9	-	1	1	1	710.4	231	492	261	492
693.9	-	-	-	-	702	-	5	5	5	710.8	12	25	13	25
694.0	-	5	5	5	703.0	-	-	-	-	710.9	136	270	134	306
694.1	-	2	2	2	703.8	-	1	1	1	711.0	112	255	143	255
694.2	-	-	-	-	703.9	-	-	-	-	711.9	5	20	15	24
694.3	-	1	1	1	704.0	-	7	7	7	712.8	-	-	-	-
694.4	52	181	129	181	704.1	-	-	-	-	712.9	-	3	3	3
694.5	65	321	256	321	704.2	-	1	1	1	714.0	1636	8771	7135	8771
694.6	3	10	7	10	704.3	-	-	-	-	714.1	32	139	107	139
694.8	1	3	2	3	704.8	1	3	2	3	714.2	8	17	9	17
694.9	2	8	6	8	704.9	-	-	-	-	714.3	4	21	17	21
695.0	2	3	1	3	705.0	-	5	5	5	714.4	-	-	-	-
695.1	106	241	135	241	705.1	-	2	2	2	714.8	99	264	165	264
695.2	-	2	2	2	705.8	2	10	8	10	714.9	1	22	21	22
695.3	-	3	3	3	705.9	-	-	-	-	715.0	16	242	226	242
695.4	80	380	300	380	706.0	-	-	-	-	715.1	-	3	3	3
695.8	37	93	56	93	706.1	-	1	1	1	715.2	1	1	-	1
695.9	13	110	97	111	706.2	1	3	2	3	715.3	52	249	197	249
696.0	3	49	46	49	706.3	-	3	3	3	715.8	-	22	22	22
696.1	18	265	247	265	706.8	-	2	2	2	715.9	445	10386	9941	10384
696.2	-	-	-	-	706.9	-	-	-	-	716.0	-	4	4	4
696.3	-	-	-	-	707.0	2404	12480	10080	14355	716.1	1	6	5	6
696.4	-	-	-	-	707.1	81	661	580	925	716.2	1	3	2	3
696.5	-	-	-	-	707.8	30	156	126	185	716.3	-	-	-	-
696.8	-	-	-	-	707.9	56	499	443	606	716.4	-	-	-	-
697.0	-	3	3	3	708.0	1	1	-	1	716.5	9	48	39	49
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	-	-	-
697.8	-	-	-	-	708.2	-	-	-	-	716.8	1	2	1	2
697.9	-	1	1	1	708.3	-	1	1	1	716.9	203	3552	3350	3799
698.0	-	-	-	-	708.4	-	1	1	1	717.0	-	-	-	-
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	-	-	-	708.8	-	2	2	2	717.2	-	-	-	-
698.3	2	12	10	12	708.9	-	3	3	3	717.3	-	-	-	-
698.4	-	-	-	-	709.0	1	6	5	6	717.4	-	-	-	-
698.8	-	-	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	-	6	6	6	709.2	1	20	19	20	717.6	-	1	1	1
700	-	3	3	3	709.3	-	11	11	11	717.7	-	-	-	-
701.0	-	2	2	2	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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
717.9	-	6	6	6	722.9	7	45	38	45	728.3	13	52	39	52
718.0	-	-	-	-	723.0	10	63	53	63	728.4	-	-	-	-
718.1	-	1	1	1	723.1	-	4	4	4	728.5	-	-	-	-
718.2	-	6	6	6	723.2	-	-	-	-	728.6	-	2	2	2
718.3	1	18	17	18	723.3	-	-	-	-	728.7	1	2	1	2
718.4	11	172	161	172	723.4	2	18	16	18	728.8	174	555	381	555
718.5	1	39	38	39	723.5	2	13	11	13	728.9	32	170	138	170
718.6	-	1	1	1	723.6	-	-	-	-	729.0	2	14	12	14
718.8	1	9	8	9	723.7	-	-	-	-	729.1	27	106	79	106
718.9	5	19	14	19	723.8	1	5	4	5	729.2	3	65	62	77
719.0	-	1	1	1	723.9	1	1	-	1	729.3	8	44	36	44
719.1	-	6	6	6	724.0	28	437	409	440	729.4	194	438	244	438
719.2	-	1	1	1	724.1	-	-	-	-	729.5	4	39	35	39
719.3	-	1	1	1	724.2	-	33	33	33	729.6	-	-	-	-
719.4	2	18	16	18	724.3	2	23	21	23	729.8	8	25	17	25
719.5	-	3	3	3	724.4	1	16	15	16	729.9	4	8	4	8
719.6	-	-	-	-	724.5	9	94	85	94	730.0	16	30	14	30
719.7	-	1	1	1	724.6	-	11	11	11	730.1	36	174	138	174
719.8	-	1	1	1	724.7	-	-	-	-	730.2	439	1375	936	1382
719.9	12	700	688	720	724.8	2	6	4	6	730.3	3	3	-	3
720.0	42	253	211	253	724.9	3	32	29	34	730.9	6	23	17	24
720.1	-	-	-	-	725	32	560	528	560	731.0	58	669	611	684
720.2	-	1	1	1	726.0	-	-	-	-	731.2	-	4	4	4
720.8	-	-	-	-	726.1	-	4	4	4	732.0	1	2	1	2
720.9	5	25	20	25	726.2	-	-	-	-	732.1	3	11	8	11
721.0	20	66	47	74	726.3	4	14	10	14	732.2	-	-	-	-
721.1	42	114	72	107	726.4	-	-	-	-	732.3	-	-	-	-
721.2	1	2	1	2	726.5	1	4	3	4	732.4	-	2	2	2
721.3	3	16	13	16	726.6	-	1	1	1	732.5	-	-	-	-
721.4	1	15	14	15	726.7	-	-	-	-	732.6	1	1	-	1
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	1	1	1	726.9	-	7	7	7	732.8	-	-	-	-
721.7	-	-	-	-	727.0	-	4	4	4	732.9	1	2	1	2
721.8	-	-	-	-	727.1	-	6	6	6	733.0	499	5655	5157	5656
721.9	14	277	264	278	727.2	-	-	-	-	733.1	82	2551	2469	2551
722.0	2	9	7	10	727.3	1	13	12	13	733.2	-	2	2	2
722.1	5	26	21	26	727.4	-	5	5	5	733.3	1	6	5	6
722.2	9	37	28	38	727.5	-	2	2	2	733.4	4	52	48	52
722.3	-	-	-	-	727.6	1	1	-	1	733.5	-	-	-	-
722.4	2	13	11	14	727.8	1	2	1	2	733.6	-	-	-	-
722.5	5	54	49	54	727.9	-	6	6	6	733.7	-	-	-	-
722.6	3	84	81	86	728.0	3	5	2	5	733.8	6	54	48	54
722.7	2	7	5	2	728.1	2	5	3	5	733.9	56	312	259	369
722.8	-	-	-	-	728.2	13	69	56	75	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, 1989

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	466	486	20	486	746.4	42	87	45	87
735.1	-	-	-	-	740.1	1	3	2	3	746.5	14	24	10	24
735.2	-	-	-	-	740.2	-	-	-	-	746.6	9	20	11	20
735.3	-	-	-	-	741.0	90	145	55	62	746.7	621	688	67	688
735.4	-	1	1	1	741.9	67	172	105	279	746.8	477	769	293	777
735.5	-	-	-	-	742.0	70	107	37	107	746.9	1712	2243	532	3034
735.8	-	-	-	-	742.1	116	204	88	205	747.0	73	374	301	374
735.9	-	-	-	-	742.2	136	203	67	204	747.1	120	262	142	262
736.0	-	2	2	2	742.3	317	521	204	603	747.2	37	65	28	79
736.1	-	-	-	-	742.4	67	101	34	101	747.3	138	288	150	331
736.2	-	4	4	4	742.5	211	415	213	445	747.4	78	135	57	135
736.3	-	4	4	4	742.8	23	46	23	46	747.5	1	5	4	5
736.4	-	-	-	-	742.9	159	238	79	285	747.6	180	278	99	288
736.5	-	-	-	-	743.0	1	8	7	8	747.8	394	505	111	541
736.6	-	2	2	2	743.1	-	5	5	5	747.9	124	180	56	190
736.7	-	13	13	13	743.2	-	1	1	1	748.0	5	20	15	20
736.8	4	229	225	229	743.3	-	3	3	3	748.1	2	5	3	5
736.9	-	12	12	12	743.4	-	2	2	2	748.2	1	2	1	2
737.0	1	2	1	2	743.5	-	3	3	3	748.3	84	131	47	131
737.1	68	393	325	393	743.6	-	1	1	1	748.4	10	15	5	15
737.2	1	3	2	3	743.8	2	7	5	7	748.5	1130	1851	721	1851
737.3	258	759	501	1013	743.9	4	7	3	7	748.6	83	155	72	163
737.8	-	-	-	-	744.0	-	3	3	3	748.8	-	-	-	-
737.9	1	5	4	8	744.1	-	-	-	-	748.9	6	16	10	16
738.0	-	-	-	-	744.2	1	3	2	3	749.0	9	42	33	79
738.1	-	2	2	2	744.3	1	4	3	4	749.1	2	6	4	43
738.2	-	2	2	2	744.4	4	5	1	5	749.2	5	45	40	8
738.3	14	55	41	55	744.5	-	1	1	1	750.0	-	-	-	-
738.4	-	-	-	-	744.8	1	7	6	7	750.1	1	5	4	5
738.5	-	20	20	20	744.9	4	18	14	18	750.2	1	4	3	4
738.6	-	-	-	-	745.0	109	140	31	140	750.3	17	101	84	101
738.7	-	-	-	-	745.1	248	320	72	320	750.4	22	58	36	58
738.8	-	15	15	15	745.2	264	347	83	347	750.5	-	4	4	4
738.9	-	17	17	19	745.3	55	97	42	97	750.6	2	5	3	5
739.0	-	-	-	-	745.4	408	824	416	833	750.7	4	6	2	6
739.1	-	-	-	-	745.5	242	480	238	480	750.8	-	1	1	1
739.2	-	1	1	1	745.6	138	238	100	238	750.9	6	13	7	13
739.3	-	-	-	-	745.7	2	3	1	3	751.0	12	27	15	27
739.4	-	-	-	-	745.8	-	2	2	2	751.1	19	57	38	57
739.5	-	-	-	-	745.9	13	28	15	30	751.2	6	66	60	66
739.6	-	-	-	-	746.0	25	65	40	73	751.3	19	31	12	31
739.7	-	-	-	-	746.1	73	88	15	88	751.4	19	35	16	35
739.8	-	-	-	-	746.2	47	60	13	60	751.5	22	67	45	74
739.9	-	-	-	-	746.3	94	129	35	129	751.6	79	168	89	168

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	2	8	6	8	756.3	20	43	23	43	760.8	46	75	29	75
751.8	6	11	5	11	756.4	28	63	35	63	760.9	1	2	1	4
751.9	3	15	12	17	756.5	66	132	66	132	761.0	231	268	37	268
752.0	1	1	-	1	756.6	355	455	100	455	761.1	480	756	276	756
752.1	-	-	-	-	756.7	59	98	39	98	761.2	26	243	217	243
752.2	1	1	-	1	756.8	17	42	25	42	761.3	34	57	23	57
752.3	-	2	2	2	756.9	12	33	21	33	761.4	7	9	2	9
752.4	-	-	-	-	757.0	-	4	4	4	761.5	698	1871	1173	1871
752.5	-	3	3	4	757.1	7	19	12	19	761.6	2	3	1	3
752.6	1	6	5	6	757.2	-	2	2	2	761.7	5	7	2	7
752.7	-	7	7	7	757.3	35	85	50	86	761.8	52	71	19	71
752.8	3	16	13	16	757.4	-	1	1	1	761.9	-	-	-	-
752.9	4	13	9	13	757.5	-	2	2	2	762.0	55	69	15	70
753.0	400	559	159	559	757.6	-	-	-	-	762.1	466	588	122	606
753.1	385	986	601	986	757.8	-	1	1	1	762.2	24	39	15	39
753.2	11	53	42	53	757.9	-	5	5	5	762.3	38	81	43	81
753.3	12	66	54	67	758.0	334	1074	740	1077	762.4	27	55	28	55
753.4	1	6	5	6	758.1	323	359	36	359	762.5	25	39	14	40
753.5	-	3	3	3	758.2	452	529	77	529	762.6	17	24	7	25
753.6	4	21	17	21	758.3	8	20	12	20	762.7	334	523	189	523
753.7	-	1	1	1	758.4	-	1	1	1	762.8	2	6	4	6
753.8	3	13	10	13	758.5	57	70	13	70	762.9	-	-	-	-
753.9	35	122	87	157	758.6	10	53	43	53	763.0	14	43	29	43
754.0	-	7	7	7	758.7	5	22	17	22	763.1	7	10	3	10
754.1	-	-	-	-	758.8	5	10	5	10	763.2	1	4	3	4
754.2	5	14	9	14	758.9	121	172	51	194	763.3	-	1	1	1
754.3	-	10	10	10	759.0	25	91	66	91	763.4	2	9	7	9
754.4	1	1	-	1	759.1	4	9	5	9	763.5	-	-	-	-
754.5	-	2	2	2	759.2	3	22	19	22	763.6	12	31	19	31
754.6	-	1	1	1	759.3	10	30	20	30	763.7	3	5	2	5
754.7	-	22	22	22	759.4	29	32	3	32	763.8	29	58	29	58
754.8	5	24	19	24	759.5	25	43	18	43	763.9	1	1	-	1
755.0	-	12	12	12	759.6	14	34	20	34	764.0	10	37	27	37
755.1	-	4	4	4	759.7	450	550	101	1132	764.1	-	1	1	1
755.2	-	13	13	13	759.8	338	519	182	522	764.2	-	1	1	1
755.3	-	11	11	11	759.9	78	144	66	294	764.9	21	104	83	104
755.4	-	4	4	4	760.0	49	80	31	80	765.0	2836	10510	7674	10551
755.5	-	16	16	16	760.1	5	8	3	9	765.1	1104	7148	6046	8742
755.6	-	29	29	29	760.2	11	28	17	28	766.0	-	1	1	1
755.8	18	53	35	53	760.3	4	8	4	8	766.1	-	3	3	3
755.9	-	6	6	6	760.4	-	-	-	-	766.2	1	10	9	10
756.0	27	80	53	93	760.5	28	43	15	44	767.0	200	582	386	586
756.1	34	115	81	115	760.6	-	3	3	3	767.1	-	1	1	1
756.2	-	-	-	-	760.7	57	125	68	125	767.2	1	1	-	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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	3	6	3	6	773.2	12	88	76	148	778.5	1	12	11	12
767.4	1	1	-	1	773.3	3	4	1	1	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	2	2	2	773.5	-	-	-	-	778.8	-	-	-	-
767.7	-	-	-	-	774.1	-	-	-	-	778.9	-	-	-	-
767.8	18	52	34	52	774.2	-	19	19	-	779.0	10	125	115	125
767.9	7	16	9	22	774.3	-	-	-	-	779.1	-	1	1	1
768.2	2	2	-	2	774.4	7	14	7	14	779.2	5	17	12	17
768.3	-	-	-	-	774.5	-	-	-	-	779.3	1	3	2	3
768.4	202	480	278	564	774.6	5	10	5	30	779.4	2	3	1	3
768.5	55	117	62	136	774.7	1	2	1	2	779.5	5	8	3	8
768.6	-	1	1	2	775.0	9	32	23	32	779.6	60	68	8	68
768.9	496	1352	857	1719	775.1	1	4	3	4	779.8	1900	6840	4940	6840
769	3646	4172	526	4172	775.2	1	2	1	2	779.9	18	19	1	47
770.0	55	101	46	101	775.3	1	2	1	2	780.0	14	5035	5021	5822
770.1	168	328	160	328	775.4	-	5	5	5	780.1	-	8	8	8
770.2	410	1647	1237	1647	775.5	3	18	15	18	780.2	20	1291	1271	1291
770.3	102	338	236	338	775.6	1	10	9	10	780.3	614	17691	17077	17693
770.4	521	700	179	700	775.7	1	16	15	16	780.4	-	94	94	94
770.5	48	92	44	92	775.8	-	1	1	1	780.5	2	22	20	22
770.6	-	-	-	-	775.9	-	-	-	-	780.6	45	1817	1772	1818
770.7	669	1116	447	1116	776.0	3	8	5	8	780.7	2	943	941	943
770.8	1469	4393	2924	4393	776.1	-	3	3	3	780.8	-	2	2	2
770.9	1	6	5	6	776.2	49	222	173	222	780.9	3	491	488	491
771.0	3	10	7	10	776.3	3	14	11	14	781.0	1	86	85	86
771.1	31	49	19	50	776.4	-	3	3	3	781.1	-	2	2	2
771.2	28	37	9	38	776.5	6	27	22	26	781.2	-	31	31	31
771.3	-	-	-	-	776.6	5	68	63	-	781.3	3	149	146	149
771.4	8	11	3	11	776.7	2	5	3	5	781.4	-	5	5	5
771.5	-	4	4	4	776.8	1	1	-	1	781.5	-	1	1	1
771.6	-	-	-	-	776.9	-	-	-	-	781.6	-	-	-	-
771.7	20	24	4	24	777.1	-	6	6	6	781.7	1	6	5	6
771.8	812	1867	1055	1867	777.2	-	-	-	-	781.9	20	391	371	392
772.0	11	22	11	22	777.3	-	-	-	-	782.0	-	17	17	17
772.1	209	814	605	814	777.4	-	-	-	-	782.1	-	18	18	18
772.2	6	19	13	19	777.5	406	504	98	504	782.2	1	7	6	7
772.3	4	7	3	7	777.6	26	116	90	116	782.3	3	1637	1634	1761
772.4	4	17	13	17	777.8	1	5	4	5	782.4	5	1080	1075	1080
772.5	4	13	9	13	777.9	-	-	-	-	782.5	-	42	42	42
772.6	2	9	7	9	778.0	177	352	175	355	782.6	-	3	3	3
772.8	4	27	23	27	778.1	1	4	3	4	782.7	1	24	23	24
772.9	20	74	55	79	778.2	-	-	-	-	782.8	-	-	-	-
773.0	9	15	6	15	778.3	9	41	32	41	782.9	-	1	1	1
773.1	2	2	-	2	778.4	-	-	-	-	783.0	7	1482	1475	1482

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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
783.1	-	2	2	2	788.0	-	9	9	9	793.2	-	4	4	4
783.2	1	540	539	540	788.1	-	2	2	2	793.3	-	1	1	1
783.3	-	51	51	51	788.2	1	518	517	518	793.4	-	-	-	-
783.4	19	717	698	725	788.3	2	266	264	266	793.5	-	1	1	1
783.5	-	20	20	20	788.4	-	6	6	6	793.6	-	-	-	-
783.6	2	57	55	57	788.5	-	509	509	509	793.7	-	-	-	-
783.9	-	164	164	164	788.6	-	1	1	1	793.8	-	-	-	-
784.0	-	64	64	64	788.7	-	-	-	-	793.9	-	1	1	1
784.1	-	-	-	-	788.8	-	4	4	4	794.0	-	2	2	2
784.2	3	99	96	99	788.9	-	7	7	7	794.1	-	2	2	2
784.3	-	1495	1495	1496	789.0	51	1089	1038	1089	794.2	-	1	1	1
784.4	-	19	19	19	789.1	-	341	341	341	794.3	-	4	4	4
784.5	-	152	152	152	789.2	-	242	242	247	794.4	-	1	1	1
784.6	-	16	16	16	789.3	3	344	341	344	794.5	-	2	2	2
784.7	1	181	180	181	789.4	-	3	3	3	794.6	-	-	-	-
784.8	-	27	27	27	789.5	16	5892	5876	5892	794.7	-	1	1	1
784.9	-	25	25	25	789.9	22	341	319	341	794.8	1	30	29	30
785.0	5	636	631	636	790.0	-	7	7	7	794.9	-	-	-	-
785.1	2	6	4	6	790.1	1	5	4	5	795.0	-	1	1	1
785.2	-	34	34	34	790.2	-	27	27	27	795.1	1	1	-	1
785.3	-	5	5	5	790.3	11	1743	1732	1812	795.2	-	2	2	2
785.4	83	6407	6324	10558	790.4	-	5	5	5	795.3	-	4	4	4
785.5	890	68547	67657	68554	790.5	-	4	4	4	795.4	-	2	2	2
785.6	-	177	177	177	790.6	4	848	844	1005	795.5	-	4	4	4
785.9	-	30	30	30	790.7	13	1110	1097	1163	795.6	-	-	-	-
786.0	95	10995	10900	11000	790.8	3	117	114	117	795.7	-	3	3	3
786.1	-	17	17	17	790.9	1	18	17	18	795.8	-	918	918	918
786.2	-	53	53	53	791.0	-	31	31	31	796.0	-	2	2	2
786.3	50	3772	3722	3772	791.1	-	1	1	1	796.1	-	4	4	4
786.4	-	9	9	9	791.2	-	5	5	5	796.2	-	-	-	-
786.5	6	238	232	238	791.3	-	49	49	49	796.3	-	-	-	-
786.6	-	38	38	38	791.4	-	1	1	1	796.4	-	2	2	2
786.7	-	-	-	-	791.5	-	2	2	2	796.9	-	1	1	1
786.8	-	7	7	7	791.6	-	2	2	2	797	1274	17571	16298	18150
786.9	-	85	85	85	791.7	-	1	1	1	798.0	5634	6031	397	6031
787.0	1	994	993	999	791.9	5	3831	3826	3831	798.1	346	486	140	486
787.1	-	1	1	1	792.0	-	2	2	2	798.2	1	2	1	2
787.2	4	3212	3208	3212	792.1	-	5	5	5	798.9	57	67	10	67
787.3	1	100	99	100	792.2	-	-	-	-	799.0	42	11269	11227	11299
787.4	-	3	3	3	792.3	-	-	-	-	799.1	2323	207026	204703	207026
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	24	24	24
787.6	-	38	38	38	792.9	-	1	1	1	799.3	32	5988	5956	6186
787.7	-	-	-	-	793.0	-	-	-	-	799.4	37	9420	9383	9528
787.9	-	32	32	32	793.1	-	33	33	33	799.8	179	6303	6124	6303

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, 1989

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	15023	29352	14337	29352	E807.1	-	-	-	-	E813.9	9	9	-	9
E800.0	5	5	-	5	E807.2	2	2	-	2	E814.0	2	2	-	2
E800.1	-	-	-	-	E807.3	-	-	-	-	E814.1	8	8	-	8
E800.2	-	-	-	-	E807.8	-	-	-	-	E814.2	1	1	-	1
E800.3	-	-	-	-	E807.9	13	13	-	13	E814.3	4	4	-	4
E800.8	1	1	-	1	E810.0	352	353	1	353	E814.4	-	-	-	-
E800.9	1	1	-	1	E810.1	152	152	-	152	E814.5	1	1	-	1
E801.0	-	-	-	-	E810.2	10	10	-	10	E814.6	2	2	-	2
E801.1	1	1	-	1	E810.3	3	3	-	3	E814.7	6932	7010	79	7010
E801.2	-	-	-	-	E810.4	-	-	-	-	E814.8	-	-	-	-
E801.3	2	2	-	2	E810.5	-	-	-	-	E814.9	7	8	1	8
E801.8	1	1	-	1	E810.6	-	-	-	-	E815.0	3711	3773	64	3773
E801.9	3	3	-	3	E810.7	3	3	-	3	E815.1	1403	1411	8	1411
E802.0	2	2	-	2	E810.8	3	3	-	3	E815.2	517	519	2	519
E802.1	-	-	-	-	E810.9	197	198	1	198	E815.3	44	44	-	44
E802.2	1	1	-	1	E811.0	10	10	-	10	E815.4	2	2	-	2
E802.3	-	-	-	-	E811.1	3	3	-	3	E815.5	-	-	-	-
E802.8	1	1	-	1	E811.2	-	-	-	-	E815.6	2	2	-	2
E802.9	3	3	-	3	E811.3	-	-	-	-	E815.7	2	2	-	2
E803.0	-	-	-	-	E811.4	-	-	-	-	E815.8	4	4	-	4
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	812	834	22	834
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	4397	4465	69	4465
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1824	1834	10	1834
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	392	395	3	395
E803.9	-	-	-	-	E811.9	1	1	-	1	E816.3	35	35	-	35
E804.0	1	1	-	1	E812.0	9244	9361	117	9361	E816.4	-	-	-	-
E804.1	6	6	-	6	E812.1	4735	4796	61	4796	E816.5	-	-	-	-
E804.2	1	1	-	1	E812.2	1161	1163	2	1163	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	147	149	2	149	E816.7	8	8	-	8
E804.8	3	3	-	3	E812.4	-	-	-	-	E816.8	8	8	-	8
E804.9	15	16	1	16	E812.5	-	-	-	-	E816.9	1192	1211	19	1211
E805.0	9	9	-	9	E812.6	7	7	-	7	E817.0	1	1	-	1
E805.1	2	2	-	2	E812.7	11	11	-	11	E817.1	2	2	-	2
E805.2	479	481	2	481	E812.8	7	7	-	7	E817.2	-	-	-	-
E805.3	4	4	-	4	E812.9	2496	2534	38	2534	E817.3	-	-	-	-
E805.8	3	3	-	3	E813.0	10	10	-	10	E817.4	-	-	-	-
E805.9	34	34	-	34	E813.1	-	-	-	-	E817.5	-	-	-	-
E806.0	5	5	-	5	E813.2	2	2	-	2	E817.6	-	-	-	-
E806.1	-	-	-	-	E813.3	1	1	-	1	E817.7	1	1	-	1
E806.2	4	4	-	4	E813.4	-	-	-	-	E817.8	1	1	-	1
E806.3	1	1	-	1	E813.5	6	6	-	6	E817.9	3	6	3	6
E806.8	1	1	-	1	E813.6	764	772	8	772	E818.0	160	161	1	161
E806.9	2	2	-	2	E813.7	1	1	-	1	E818.1	373	377	4	377
E807.0	2	2	-	2	E813.8	3	3	-	3	E818.2	33	33	-	33

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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E818.3	17	17	-	17	E822.7	380	386	6	386	E827.4	-	-	-	
E818.4	-	-	-	-	E822.8	1	1	-	1	E827.8	1	1	-	
E818.5	-	-	-	-	E822.9	13	13	-	13	E827.9	3	3	-	
E818.6	-	-	-	-	E823.0	24	24	-	24	E828.0	1	1	-	
E818.7	9	9	-	9	E823.1	10	11	1	11	E828.1	1	1	-	
E818.8	6	6	-	6	E823.2	15	15	-	15	E828.2	99	101	2	
E818.9	408	414	6	414	E823.3	-	-	-	-	E828.3	-	-	-	
E819.0	983	1006	23	1006	E823.4	-	-	-	-	E828.4	-	-	-	
E819.1	668	681	13	681	E823.5	-	-	-	-	E828.8	2	2	-	
E819.2	110	110	-	110	E823.6	-	-	-	-	E828.9	3	3	-	
E819.3	17	17	-	17	E823.7	4	5	1	5	E829.0	7	8	1	
E819.4	-	-	-	-	E823.8	-	-	-	-	E829.1	-	-	-	
E819.5	-	-	-	-	E823.9	16	16	-	16	E829.2	-	-	-	
E819.6	1	1	-	1	E824.0	2	2	-	2	E829.3	-	-	-	
E819.7	3	3	-	3	E824.1	2	2	-	2	E829.4	-	-	-	
E819.8	-	-	-	-	E824.2	1	1	-	1	E829.8	-	-	-	
E819.9	3142	3414	272	3414	E824.3	-	-	-	-	E829.9	3	3	-	
E820.0	23	23	-	23	E824.4	-	-	-	-	E830.0	60	60	-	
E820.1	3	3	-	3	E824.5	-	-	-	-	E830.1	38	39	1	
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	28	28	-	
E820.3	-	-	-	-	E824.7	1	1	-	1	E830.3	9	9	-	
E820.4	-	-	-	-	E824.8	1	1	-	1	E830.4	2	2	-	
E820.5	-	-	-	-	E824.9	8	11	3	11	E830.5	-	-	-	
E820.6	-	-	-	-	E825.0	26	27	1	27	E830.6	-	-	-	
E820.7	1	1	-	1	E825.1	37	38	1	38	E830.8	3	3	-	
E820.8	5	5	-	5	E825.2	14	14	-	14	E830.9	200	202	2	
E820.9	45	46	1	46	E825.3	1	1	-	1	E831.0	4	4	-	
E821.0	69	74	5	74	E825.4	-	-	-	-	E831.1	18	18	-	
E821.1	19	19	-	19	E825.5	-	-	-	-	E831.2	6	6	-	
E821.2	7	7	-	7	E825.6	-	-	-	-	E831.3	2	2	-	
E821.3	1	1	-	1	E825.7	8	9	1	9	E831.4	1	1	-	
E821.4	-	-	-	-	E825.8	6	6	-	6	E831.5	-	-	-	
E821.5	-	-	-	-	E825.9	107	116	9	116	E831.6	-	-	-	
E821.6	-	-	-	-	E826.0	6	7	1	7	E831.8	-	-	-	
E821.7	6	6	-	6	E826.1	84	89	5	89	E831.9	39	39	-	
E821.8	15	15	-	15	E826.2	-	-	-	-	E832.0	62	63	1	
E821.9	97	98	1	98	E826.3	-	-	-	-	E832.1	28	28	-	
E822.0	16	16	-	16	E826.4	-	-	-	-	E832.2	25	25	-	
E822.1	1	1	-	1	E826.8	-	-	-	-	E832.3	4	4	-	
E822.2	-	-	-	-	E826.9	5	5	-	5	E832.4	-	-	-	
E822.3	1	1	-	1	E827.0	-	-	-	-	E832.5	-	-	-	
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	-	-	-	
E822.5	1	1	-	1	E827.2	-	-	-	-	E832.8	5	5	-	
E822.6	2	2	-	2	E827.3	4	4	-	4	E832.9	237	239	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, 1989

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	1	1	-	1	E837.9	7	7	-	7	E843.4	-	-	-	-
E833.1	-	-	-	-	E838.0	3	3	-	3	E843.5	1	1	-	1
E833.2	-	-	-	-	E838.1	15	15	-	15	E843.6	-	-	-	-
E833.3	1	1	-	1	E838.2	4	4	-	4	E843.7	2	2	-	2
E833.4	-	-	-	-	E838.3	1	1	-	1	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	9	9	-	9	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	1	1	-	1	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	-	-	-	-	E844.1	1	1	-	1
E833.9	-	-	-	-	E838.8	1	1	-	1	E844.2	-	-	-	-
E834.0	-	-	-	-	E838.9	38	41	3	41	E844.3	-	-	-	-
E834.1	1	1	-	1	E840.0	-	-	-	-	E844.4	-	-	-	-
E834.2	-	-	-	-	E840.1	7	7	-	7	E844.5	-	-	-	-
E834.3	-	-	-	-	E840.2	11	11	-	11	E844.6	1	1	-	1
E834.4	-	-	-	-	E840.3	139	139	-	139	E844.7	33	34	1	34
E834.5	-	-	-	-	E840.4	-	-	-	-	E844.8	4	4	-	4
E834.6	-	-	-	-	E840.5	29	29	-	29	E844.9	4	4	-	4
E834.8	2	2	-	2	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	1	1	-	1	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	4	4	-	4	E845.2	-	-	-	-
E835.1	1	1	-	1	E840.9	5	5	-	5	E845.3	1	1	-	1
E835.2	-	-	-	-	E841.0	2	2	-	2	E845.4	-	-	-	-
E835.3	-	-	-	-	E841.1	77	77	-	77	E845.5	-	-	-	-
E835.4	-	-	-	-	E841.2	55	55	-	55	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	424	427	3	427	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	24	24	-	24	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	255	256	1	256	E845.9	-	-	-	-
E835.9	5	5	-	5	E841.6	-	-	-	-	E846	7	7	-	7
E836.0	-	-	-	-	E841.7	1	1	-	1	E847	1	1	-	1
E836.1	-	-	-	-	E841.8	-	-	-	-	E848	37	49	12	49
E836.2	3	3	-	3	E841.9	25	25	-	25	E850.0	957	1039	82	1039
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	67	86	19	86
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	52	72	20	72
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	1	1	-	1
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	2	2	-	2
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	85	93	8	93
E836.9	-	-	-	-	E842.5	-	-	-	-	E850.8	160	235	75	235
E837.0	-	-	-	-	E842.6	15	15	-	15	E850.9	5	5	-	5
E837.1	1	1	-	1	E842.7	1	1	-	1	E851	26	34	8	34
E837.2	-	-	-	-	E842.8	-	-	-	-	E852.0	4	4	-	4
E837.3	-	-	-	-	E842.9	1	1	-	1	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	-	1	1	1
E837.5	-	-	-	-	E843.1	1	1	-	1	E852.3	-	-	-	-
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	-	-	-	-
E837.8	-	-	-	-	E843.3	-	-	-	-	E852.5	12	15	3	15

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, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E852.8	5	6	1	6	E861.5	-	-	-	-	E868.1	22	22	-	22
E852.9	4	4	-	4	E861.6	1	2	1	2	E868.2	355	360	5	360
E853.0	22	25	3	25	E861.9	-	-	-	-	E868.3	107	107	-	107
E853.1	-	1	1	1	E862.0	2	2	-	2	E868.8	30	31	1	31
E853.2	39	58	19	58	E862.1	11	12	1	12	E868.9	146	168	22	168
E853.8	7	8	1	8	E862.2	-	-	-	-	E869.0	3	3	-	3
E853.9	-	-	-	-	E862.3	-	-	-	-	E869.1	-	-	-	-
E854.0	151	182	31	182	E862.4	51	59	8	59	E869.2	25	27	2	27
E854.1	5	15	10	15	E862.9	1	1	-	1	E869.3	-	-	-	-
E854.2	83	114	31	114	E863.0	-	-	-	-	E869.8	105	125	20	125
E854.3	1	1	-	1	E863.1	3	3	-	3	E869.9	32	34	2	34
E855.0	30	72	42	72	E863.2	-	-	-	-	E870.0	117	143	26	143
E855.1	16	18	2	18	E863.3	-	-	-	-	E870.1	2	3	1	3
E855.2	1057	1307	250	1307	E863.4	3	4	1	4	E870.2	9	11	2	11
E855.3	-	-	-	-	E863.5	4	6	2	6	E870.3	2	2	-	2
E855.4	6	8	2	8	E863.6	-	-	-	-	E870.4	26	32	6	32
E855.5	5	6	1	6	E863.7	4	5	1	5	E870.5	25	29	4	29
E855.6	-	-	-	-	E863.8	3	3	-	3	E870.6	35	37	2	37
E855.8	21	21	-	21	E863.9	2	7	5	7	E870.7	7	9	2	9
E855.9	2	2	-	2	E864.0	-	1	1	1	E870.8	73	91	18	91
E856	51	87	36	87	E864.1	4	4	-	4	E870.9	10	12	2	12
E857	5	7	2	7	E864.2	1	4	3	4	E871.0	5	5	-	5
E858.0	22	32	10	32	E864.3	-	1	1	1	E871.1	-	-	-	-
E858.1	35	60	25	60	E864.4	4	4	-	4	E871.2	-	-	-	-
E858.2	25	42	17	42	E865.0	-	-	-	-	E871.3	-	-	-	-
E858.3	279	736	457	736	E865.1	-	-	-	-	E871.4	-	-	-	-
E858.4	10	18	8	18	E865.2	-	-	-	-	E871.5	-	-	-	-
E858.5	114	283	169	283	E865.3	1	1	-	1	E871.6	-	-	-	-
E858.6	14	34	20	34	E865.4	2	2	-	2	E871.7	-	-	-	-
E858.7	11	13	2	13	E865.5	3	3	-	3	E871.8	-	-	-	-
E858.8	895	1013	118	1013	E865.8	2	2	-	2	E871.9	3	4	1	4
E858.9	749	960	211	960	E865.9	-	-	-	-	E872.0	-	-	-	-
E860.0	4	7	3	7	E866.0	3	4	1	4	E872.1	-	-	-	-
E860.1	202	505	303	505	E866.1	4	4	-	4	E872.2	-	-	-	-
E860.2	23	23	-	23	E866.2	-	-	-	-	E872.3	-	-	-	-
E860.3	20	23	3	23	E866.3	2	3	1	3	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	21	45	24	45	E872.5	-	-	-	-
E860.8	4	4	-	4	E866.5	1	1	-	1	E872.6	-	-	-	-
E860.9	147	317	170	317	E866.6	2	2	-	2	E872.8	-	-	-	-
E861.0	-	-	-	-	E866.7	-	1	1	1	E872.9	-	-	-	-
E861.1	-	-	-	-	E866.8	11	20	9	20	E873.0	1	1	-	1
E861.2	1	1	-	1	E866.9	14	19	5	19	E873.1	-	-	-	-
E861.3	3	3	-	3	E867	48	50	2	50	E873.2	2	8	6	8
E861.4	4	6	2	6	E868.0	48	49	1	49	E873.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

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					
E873.4	-	-	-	-	E879.9	11	90	79	90	E900.0	94	103	9	103
E873.5	-	-	-	-	E880.0	1	2	1	2	E900.1	22	28	6	28
E873.6	-	-	-	-	E880.9	1162	1262	100	1262	E900.9	85	121	36	121
E873.8	2	3	1	3	E881.0	248	277	29	277	E901.0	524	610	86	610
E873.9	-	-	-	-	E881.1	84	86	2	86	E901.1	-	-	-	-
E874.0	3	3	-	3	E882	557	581	24	581	E901.8	17	18	1	18
E874.1	4	5	1	5	E883.0	27	29	2	29	E901.9	474	741	267	741
E874.2	2	3	1	3	E883.1	2	3	1	3	E902.0	1	1	-	1
E874.3	-	-	-	-	E883.2	1	1	-	1	E902.1	-	-	-	-
E874.4	-	-	-	-	E883.9	47	52	5	52	E902.2	5	5	-	5
E874.5	-	-	-	-	E884.0	6	6	-	6	E902.8	-	-	-	-
E874.8	5	6	1	6	E884.1	106	107	1	107	E902.9	4	10	6	10
E874.9	1	1	-	1	E884.2	384	651	267	651	E903	-	-	-	-
E875.0	5	241	236	241	E884.9	437	476	39	476	E904.0	10	18	8	18
E875.1	1	1	-	1	E885	471	736	265	736	E904.1	68	124	56	124
E875.2	-	-	-	-	E886.0	1	1	-	1	E904.2	3	3	-	3
E875.8	-	-	-	-	E886.9	4	5	1	5	E904.3	92	139	47	139
E875.9	-	-	-	-	E887	2919	11774	8856	11776	E904.9	4	4	-	4
E876.0	5	6	1	6	E888	5694	8587	2895	8587	E905.0	8	9	1	9
E876.1	1	1	-	1	E890.0	6	6	-	6	E905.1	3	4	1	4
E876.2	2	2	-	2	E890.1	5	5	-	5	E905.2	-	-	-	-
E876.3	-	1	1	1	E890.2	2946	2963	17	2963	E905.3	53	60	7	60
E876.4	-	-	-	-	E890.3	774	793	19	793	E905.4	-	-	-	-
E876.5	-	-	-	-	E890.8	73	76	3	76	E905.5	10	11	1	11
E876.8	55	66	11	66	E890.9	47	55	8	55	E905.6	-	-	-	-
E876.9	7	9	2	9	E891.0	5	5	-	5	E905.7	-	-	-	-
E878.0	25	776	751	776	E891.1	2	2	-	2	E905.8	-	-	-	-
E878.1	244	2958	2714	2959	E891.2	101	102	1	102	E905.9	2	2	-	2
E878.2	177	5132	4955	5132	E891.3	33	34	1	34	E906.0	13	16	3	16
E878.3	161	901	740	901	E891.8	7	7	-	7	E906.1	-	-	-	-
E878.4	112	1648	1536	1648	E891.9	4	4	-	4	E906.2	-	-	-	-
E878.5	256	925	669	925	E892	81	87	6	87	E906.3	8	10	2	10
E878.6	151	4375	4224	4375	E893.0	90	93	3	93	E906.4	5	8	3	8
E878.8	189	2140	1951	2140	E893.1	7	7	-	7	E906.8	63	66	3	66
E878.9	663	5635	4972	5635	E893.2	25	26	1	26	E906.9	7	7	-	7
E879.0	13	94	81	94	E893.8	59	63	4	63	E907	75	78	3	78
E879.1	32	199	167	199	E893.9	41	42	1	42	E908	94	95	1	95
E879.2	5	1540	1535	1540	E894	60	61	1	61	E909	72	73	1	73
E879.3	-	1	1	1	E895	31	38	7	38	E910.0	7	7	-	7
E879.4	5	14	9	14	E896	6	7	1	7	E910.1	57	58	1	58
E879.5	-	2	2	2	E897	17	23	6	23	E910.2	758	764	6	764
E879.6	118	395	277	395	E898.0	29	32	3	32	E910.3	54	54	-	54
E879.7	-	-	-	-	E898.1	89	98	9	98	E910.4	345	399	54	399
E879.8	278	1596	1318	1596	E899	178	264	86	264	E910.8	2035	2077	42	2077

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, 1989

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	759	780	21	780	E923.0	5	5	-	5	E930.8	2	16	14	16
E911	1534	4143	2610	4143	E923.1	7	7	-	7	E930.9	1	72	71	72
E912	2044	14912	12869	14912	E923.2	101	105	4	105	E931.0	-	8	8	8
E913.0	202	206	4	206	E923.8	48	49	1	49	E931.1	-	-	-	-
E913.1	41	41	-	41	E923.9	77	80	3	80	E931.2	-	-	-	-
E913.2	19	19	-	19	E924.0	116	144	28	144	E931.3	-	-	-	-
E913.3	92	93	1	93	E924.1	5	6	1	6	E931.4	-	2	2	2
E913.8	403	418	15	418	E924.8	21	29	8	29	E931.5	-	6	6	6
E913.9	156	174	18	174	E924.9	-	2	2	2	E931.6	-	-	-	-
E914	-	1	1	1	E925.0	143	145	2	145	E931.7	-	4	4	4
E915	28	49	21	49	E925.1	143	144	1	144	E931.8	-	7	7	7
E916	766	782	16	782	E925.2	61	61	-	61	E931.9	-	12	12	12
E917.0	42	43	1	43	E925.8	198	202	4	202	E932.0	2	512	510	512
E917.1	-	-	-	-	E925.9	157	161	4	161	E932.1	-	18	18	18
E917.2	1	1	-	1	E926.0	-	-	-	-	E932.2	-	7	7	7
E917.9	186	211	25	211	E926.1	-	-	-	-	E932.3	4	79	75	79
E918	91	95	4	95	E926.2	-	-	-	-	E932.4	1	3	2	3
E919.0	549	561	12	561	E926.3	-	-	-	-	E932.5	-	3	3	3
E919.1	53	53	-	53	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	223	225	2	225	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	14	14	-	14	E926.8	-	-	-	-	E932.8	-	-	-	-
E919.4	20	20	-	20	E926.9	-	-	-	-	E932.9	-	3	3	3
E919.5	-	-	-	-	E927	31	53	22	53	E933.0	2	6	4	6
E919.6	19	19	-	19	E928.0	-	-	-	-	E933.1	2	1990	1988	1990
E919.7	105	106	1	106	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	141	144	3	144	E928.2	-	-	-	-	E933.3	-	-	-	-
E919.9	55	57	2	57	E928.8	26	30	4	30	E933.4	1	3	2	3
E920.0	2	2	-	2	E928.9	2002	3544	1543	3544	E933.5	-	-	-	-
E920.1	12	13	1	13	E929.0	281	382	101	382	E933.8	-	1	1	1
E920.2	1	1	-	1	E929.1	14	18	4	18	E933.9	-	-	-	-
E920.3	6	6	-	6	E929.2	24	45	21	45	E934.0	-	-	-	-
E920.4	3	4	1	4	E929.3	163	745	582	745	E934.1	-	2	2	2
E920.8	67	81	14	81	E929.4	3	12	9	12	E934.2	6	408	402	408
E920.9	28	34	6	34	E929.5	9	14	5	14	E934.3	-	-	-	-
E921.0	5	5	-	5	E929.8	89	142	53	142	E934.4	-	48	48	48
E921.1	3	3	-	3	E929.9	222	577	355	577	E934.5	1	26	25	26
E921.8	30	30	-	30	E930.0	11	62	51	62	E934.6	1	6	5	6
E921.9	2	2	-	2	E930.1	-	9	9	9	E934.7	-	-	-	-
E922.0	231	235	4	235	E930.2	-	2	2	2	E934.8	-	2	2	2
E922.1	175	175	-	175	E930.3	-	-	-	-	E934.9	1	1	-	1
E922.2	86	87	1	87	E930.4	-	2	2	2	E935.0	2	20	18	20
E922.3	1	1	-	1	E930.5	1	3	2	3	E935.1	2	25	23	25
E922.8	2	2	-	2	E930.6	-	6	6	6	E935.2	3	11	8	11
E922.9	994	1015	21	1015	E930.7	-	126	126	126	E935.3	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, 1989

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
E935.4	-	22	22	22	E941.3	-	-	-	-	E946.6	-	-	-
E935.5	-	1	1	1	E941.9	-	-	-	-	E946.7	1	2	1
E935.8	2	19	17	19	E942.0	2	46	44	46	E946.8	-	-	-
E935.9	-	11	11	11	E942.1	3	42	39	42	E946.9	1	1	-
E936.0	-	-	-	-	E942.2	-	3	3	3	E947.0	-	1	1
E936.1	4	31	27	31	E942.3	-	-	-	-	E947.1	-	-	-
E936.2	-	-	-	-	E942.4	-	-	-	-	E947.2	-	-	-
E936.3	1	11	10	11	E942.5	-	-	-	-	E947.3	-	2	2
E936.4	-	1	1	1	E942.6	1	3	2	3	E947.4	-	-	-
E937.0	-	1	1	1	E942.7	-	2	2	2	E947.8	14	131	117
E937.1	-	-	-	-	E942.8	-	1	1	1	E947.9	50	355	305
E937.2	-	-	-	-	E942.9	2	3	1	3	E948.0	-	-	-
E937.3	-	-	-	-	E943.0	-	6	6	6	E948.1	-	-	-
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-
E937.5	-	-	-	-	E943.2	-	1	1	1	E948.3	-	-	-
E937.6	-	-	-	-	E943.3	1	1	-	1	E948.4	-	-	-
E937.8	-	1	1	1	E943.4	-	-	-	-	E948.5	-	-	-
E937.9	-	3	3	3	E943.5	-	-	-	-	E948.6	1	1	-
E938.0	-	-	-	-	E943.6	-	-	-	-	E948.8	-	-	-
E938.1	-	2	2	2	E943.8	-	-	-	-	E948.9	-	-	-
E938.2	-	-	-	-	E943.9	-	-	-	-	E949.0	-	-	-
E938.3	-	1	1	1	E944.0	-	-	-	-	E949.1	-	-	-
E938.4	2	18	16	18	E944.1	3	7	4	7	E949.2	-	-	-
E938.5	2	12	10	12	E944.2	-	1	1	1	E949.3	-	-	-
E938.6	-	-	-	-	E944.3	-	3	3	3	E949.4	-	-	-
E938.7	-	7	7	7	E944.4	-	13	13	13	E949.5	-	-	-
E938.9	2	57	55	57	E944.5	-	1	1	1	E949.6	1	2	1
E939.0	-	3	3	3	E944.6	-	1	1	1	E949.7	-	-	-
E939.1	1	13	12	13	E944.7	1	6	5	6	E949.9	-	1	1
E939.2	1	10	9	10	E945.0	-	-	-	-	E950.0	352	367	15
E939.3	-	2	2	2	E945.1	-	-	-	-	E950.1	167	171	4
E939.4	-	1	1	1	E945.2	-	2	2	2	E950.2	45	45	-
E939.5	-	2	2	2	E945.3	-	-	-	-	E950.3	1072	1108	36
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	690	722	32
E939.7	-	1	1	1	E945.5	-	-	-	-	E950.5	662	680	19
E939.8	-	3	3	3	E945.6	-	2	2	2	E950.6	38	38	-
E939.9	-	3	3	3	E945.7	1	4	3	4	E950.7	36	37	1
E940.0	-	-	-	-	E945.8	-	3	3	3	E950.8	9	9	-
E940.1	-	-	-	-	E946.0	1	61	60	61	E950.9	144	289	145
E940.8	-	-	-	-	E946.1	-	1	1	1	E951.0	16	16	-
E940.9	-	-	-	-	E946.2	-	-	-	-	E951.1	7	7	-
E941.0	-	-	-	-	E946.3	-	-	-	-	E951.8	2	2	-
E941.1	-	2	2	2	E946.4	-	3	3	3	E952.0	1814	1827	13
E941.2	-	2	2	2	E946.5	-	-	-	-	E952.1	373	380	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, 1989

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	12	13	1	13	E965.5	1	1	-	1	E983.1	4	5	1	5
E952.9	4	4	-	4	E965.6	-	-	-	-	E983.8	6	6	-	6
E953.0	4084	4101	17	4101	E965.7	1	1	-	1	E983.9	17	17	-	17
E953.1	303	309	6	309	E965.8	4	4	-	4	E984	245	251	6	251
E953.8	43	44	1	44	E965.9	10	10	-	10	E985.0	59	59	-	59
E953.9	54	54	-	54	E966	3980	4197	217	4197	E985.1	19	19	-	19
E954	405	410	5	410	E967.0	15	15	-	15	E985.2	9	9	-	9
E955.0	3120	3140	20	3140	E967.1	2	2	-	2	E985.3	1	1	-	1
E955.1	2310	2320	10	2320	E967.9	225	237	12	237	E985.4	252	259	7	259
E955.2	941	949	8	949	E968.0	240	266	26	266	E985.5	1	1	-	1
E955.3	6	6	-	6	E968.1	27	28	1	28	E986	13	17	4	17
E955.4	11801	11859	58	11859	E968.2	473	522	49	522	E987.0	34	34	-	34
E955.5	3	4	1	4	E968.3	13	14	1	14	E987.1	25	26	1	26
E955.9	5	5	-	5	E968.4	40	48	8	48	E987.2	7	9	2	9
E956	418	451	33	451	E968.8	868	1046	178	1046	E987.9	11	11	-	11
E957.0	330	333	3	333	E968.9	1010	1142	132	1142	E988.0	19	19	-	19
E957.1	282	283	1	283	E969	56	75	19	75	E988.1	69	75	6	75
E957.2	20	20	-	20	E970	305	310	5	310	E988.2	4	4	-	4
E957.9	80	80	-	80	E971	-	2	2	2	E988.3	5	8	3	8
E958.0	236	237	1	237	E972	-	-	-	-	E988.4	3	3	-	3
E958.1	164	177	13	177	E973	2	2	-	2	E988.5	7	8	1	8
E958.2	1	1	-	1	E974	-	1	1	1	E988.6	5	5	-	5
E958.3	3	8	5	8	E975	4	5	1	5	E988.7	-	-	-	-
E958.4	18	18	-	18	E976	3	3	-	3	E988.8	98	118	20	118
E958.5	64	67	3	67	E977	1	2	1	2	E988.9	294	330	36	330
E958.6	1	1	-	1	E978	16	16	-	16	E989	20	34	14	34
E958.7	-	-	-	-	E980.0	430	456	26	456	E990.0	-	-	-	-
E958.8	35	38	3	38	E980.1	12	14	2	14	E990.9	-	1	1	1
E958.9	51	64	13	64	E980.2	4	4	-	4	E991.0	-	-	-	-
E959	11	17	6	17	E980.3	145	161	16	161	E991.1	-	-	-	-
E960.0	78	94	16	94	E980.4	449	502	53	502	E991.2	-	1	1	1
E960.1	2	8	6	8	E980.5	196	213	17	213	E991.3	-	-	-	-
E961	1	1	-	1	E980.6	2	2	-	2	E991.9	-	-	-	-
E962.0	16	36	20	36	E980.7	1	1	-	1	E992	-	-	-	-
E962.1	3	3	-	3	E980.8	-	1	1	1	E993	-	-	-	-
E962.2	8	10	2	10	E980.9	47	109	62	109	E994	-	-	-	-
E962.9	1	1	-	1	E981.0	-	-	-	-	E995	1	1	-	1
E963	945	1049	104	1049	E981.1	4	4	-	4	E996	-	-	-	-
E964	95	111	16	111	E981.8	1	1	-	1	E997.0	1	1	-	1
E965.0	1194	1198	4	1198	E982.0	75	75	-	75	E997.1	-	-	-	-
E965.1	1138	1146	8	1146	E982.1	33	34	1	34	E997.2	-	-	-	-
E965.2	188	190	2	190	E982.8	11	12	1	12	E997.8	-	-	-	-
E965.3	3	3	-	3	E982.9	3	3	-	3	E997.9	-	-	-	-
E965.4	11941	11981	41	11981	E983.0	46	46	-	46	E998	-	-	-	-

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, 1989

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	12	32	20	32	N844	...	6	6	6	N896	...	3	3	3		
N800	...	138	138	138	N845	...	3	3	3	N897	...	77	77	77		
N801	...	1347	1347	1347	N846	...	4	4	4	N900	...	328	328	328		
N802	...	483	483	483	N847	...	42	42	42	N901	...	2962	2962	2962		
N803	...	5971	5971	5971	N848	...	18	18	18	N902	...	469	469	469		
N805	...	4784	4784	4784	N850	...	289	289	289	N903	...	115	115	115		
N806	...	4	4	4	N851	...	4263	4263	4263	N904	...	717	717	717		
N807	...	3042	3042	3042	N852	...	5239	5239	5239	N905.0	...	26	26	26		
N808	...	1499	1499	1499	N853	...	2648	2648	2648	N905.1	...	99	99	99		
N809	...	16	16	16	N854	...	27321	27321	27321	N905.2	...	28	28	28		
N810	...	195	195	195	N860	...	2029	2029	2029	N905.3	...	473	473	473		
N811	...	25	25	25	N861	...	5163	5163	5163	N905.4	...	57	57	57		
N812	...	889	889	889	N862	...	9838	9838	9838	N905.5	...	22	22	22		
N813	...	148	148	148	N863	...	717	717	717	N905.6	...	8	8	8		
N814	...	139	139	139	N864	...	2168	2168	2168	N905.7	...	-	-	-		
N815	...	16	16	16	N865	...	1311	1311	1311	N905.8	...	1	1	1		
N816	...	7	7	7	N866	...	383	383	383	N905.9	...	4	4	4		
N817	...	-	-	-	N867	...	181	181	181	N906.0	...	98	98	98		
N818	...	205	205	205	N868	...	3857	3857	3857	N906.1	...	1	1	1		
N819	...	40	40	40	N869	...	4720	4720	4720	N906.2	...	-	-	-		
N820	...	12528	12528	12528	N870	...	14	14	14	N906.3	...	8	8	8		
N821	...	2232	2232	2232	N871	...	65	65	65	N906.4	...	1	1	1		
N822	...	104	104	104	N872	...	46	46	46	N906.5	...	3	3	3		
N823	...	495	495	495	N873	...	19698	19698	19698	N906.6	...	-	-	-		
N824	...	231	231	231	N874	...	2442	2442	2442	N906.7	...	1	1	1		
N825	...	29	29	29	N875	...	10108	10108	10108	N906.8	...	2	2	2		
N826	...	2	2	2	N876	...	1235	1235	1235	N906.9	...	10	10	10		
N827	...	392	392	392	N877	...	72	72	72	N907.0	...	783	783	783		
N828	...	251	251	251	N878	...	18	18	18	N907.1	...	4	4	4		
N829	...	1718	1718	1718	N879	...	14325	14325	14325	N907.2	...	294	294	294		
N830	...	7	7	7	N880	...	223	223	223	N907.3	...	3	3	3		
N831	...	30	30	30	N881	...	228	228	228	N907.4	...	-	-	-		
N832	...	4	4	4	N882	...	98	98	98	N907.5	...	-	-	-		
N833	...	29	29	29	N883	...	12	12	12	N907.9	...	14	14	14		
N834	...	1	1	1	N884	...	533	533	533	N908.0	...	18	18	18		
N835	...	53	53	53	N885	...	1	1	1	N908.1	...	17	17	17		
N836	...	8	8	8	N886	...	30	30	30	N908.2	...	5	5	5		
N837	...	4	4	4	N887	...	39	39	39	N908.3	...	11	11	11		
N838	...	2	2	2	N890	...	204	204	204	N908.4	...	6	6	6		
N839	...	418	418	418	N891	...	223	223	223	N908.5	...	11	11	11		
N840	...	6	6	6	N892	...	12	12	12	N908.6	...	41	41	41		
N841	...	-	-	-	N893	...	2	2	2	N908.9	...	198	198	198		
N842	...	-	-	-	N894	...	37	37	37	N909.0	...	18	18	18		
N843	...	3	3	3	N895	...	1	1	1	N909.1	...	23	23	23		

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, 1989

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
N909.2	...	6	6	6	N941.3	...	16	16	16	N950	...	6	6	6
N909.3	...	930	930	930	N941.4	...	2	2	2	N951	...	3	3	3
N909.4	...	58	58	58	N942.0	...	341	341	341	N952	...	1812	1812	1812
N909.9	...	6	6	6	N942.1	...	-	-	-	N953	...	12	12	12
N910	...	39	39	39	N942.2	...	21	21	21	N954	...	15	15	15
N911	...	42	42	42	N942.3	...	54	54	54	N955	...	-	-	-
N912	...	10	10	10	N942.4	...	32	32	32	N956	...	1	1	1
N913	...	9	9	9	N943.0	...	46	46	46	N957	...	51	51	51
N914	...	2	2	2	N943.1	...	1	1	1	N958.0	...	38	38	38
N915	...	1	1	1	N943.2	...	12	12	12	N958.1	...	135	135	135
N916	...	10	10	10	N943.3	...	16	16	16	N958.2	...	-	-	-
N917	...	5	5	5	N943.4	...	1	1	1	N958.3	...	38	38	38
N918	...	1	1	1	N944.0	...	18	18	18	N958.4	...	1681	1681	1681
N919	...	169	169	169	N944.1	...	-	-	-	N958.5	...	11	11	11
N920	...	243	243	243	N944.2	...	4	4	4	N958.6	...	1	1	1
N921	...	32	32	32	N944.3	...	5	5	5	N958.7	...	100	100	100
N922	...	198	198	198	N944.4	...	-	-	-	N958.8	...	3222	3222	3222
N923	...	38	38	38	N945.0	...	76	76	76	N959.0	...	2742	2742	2742
N924	...	423	423	423	N945.1	...	1	1	1	N959.1	...	3118	3118	3118
N925	...	82	82	82	N945.2	...	12	12	12	N959.2	...	97	97	97
N926	...	55	55	55	N945.3	...	38	38	38	N959.3	...	58	58	58
N927	...	9	9	9	N945.4	...	2	2	2	N959.4	...	6	6	6
N928	...	33	33	33	N947.0	...	3	3	3	N959.5	...	2	2	2
N929	...	477	477	477	N947.1	...	48	48	48	N959.6	...	124	124	124
N930	...	-	-	-	N947.2	...	1	1	1	N959.7	...	278	278	278
N931	...	-	-	-	N947.3	...	1	1	1	N959.8	...	16842	16842	16842
N932	...	1	1	1	N947.4	...	-	-	-	N959.9	...	7624	7624	7624
N933	...	14087	14087	14087	N947.8	...	1	1	1	N960.0	...	3	3	3
N934	...	703	703	703	N947.9	...	11	11	11	N960.1	...	4	4	4
N935	...	43	43	43	N948.0	...	31	31	31	N960.2	...	-	-	-
N936	...	15	15	15	N948.1	...	48	48	48	N960.3	...	-	-	-
N937	...	1	1	1	N948.2	...	67	67	67	N960.4	...	-	-	-
N938	...	14	14	14	N948.3	...	89	89	89	N960.5	...	-	-	-
N939	...	5	5	5	N948.4	...	104	104	104	N960.6	...	10	10	10
N940.0	...	-	-	-	N948.5	...	78	78	78	N960.7	...	64	64	64
N940.1	...	-	-	-	N948.6	...	67	67	67	N960.8	...	11	11	11
N940.2	...	-	-	-	N948.7	...	59	59	59	N960.9	...	4	4	4
N940.3	...	-	-	-	N948.8	...	91	91	91	N961.0	...	1	1	1
N940.4	...	-	-	-	N948.9	...	596	596	596	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	2198	2198	2198	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	6	6	6	N961.3	...	-	-	-
N941.0	...	36	36	36	N949.2	...	57	57	57	N961.4	...	9	9	9
N941.1	...	-	-	-	N949.3	...	198	198	198	N961.5	...	1	1	1
N941.2	...	18	18	18	N949.4	...	32	32	32	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, 1989

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			
	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS	
N961.7	...	3	3	3	N967.0	...	379	379	379	N972.7	...	-	-	-
N961.8	...	8	8	8	N967.1	...	20	20	20	N972.8	...	-	-	-
N961.9	...	2	2	2	N967.2	...	-	-	-	N972.9	...	3	3	3
N962.0	...	12	12	12	N967.3	...	-	-	-	N973.0	...	16	16	16
N962.1	...	-	-	-	N967.4	...	2	2	2	N973.1	...	-	-	-
N962.2	...	-	-	-	N967.5	...	22	22	22	N973.2	...	-	-	-
N962.3	...	58	58	58	N967.6	...	7	7	7	N973.3	...	4	4	4
N962.4	...	2	2	2	N967.8	...	30	30	30	N973.4	...	3	3	3
N962.5	...	-	-	-	N967.9	...	31	31	31	N973.5	...	1	1	1
N962.6	...	-	-	-	N968.0	...	35	35	35	N973.6	...	-	-	-
N962.7	...	1	1	1	N968.1	...	2	2	2	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	18	18	18	N973.9	...	-	-	-
N962.9	...	1	1	1	N968.3	...	16	16	16	N974.0	...	-	-	-
N963.0	...	133	133	133	N968.4	...	1	1	1	N974.1	...	309	309	309
N963.1	...	45	45	45	N968.5	...	2392	2392	2392	N974.2	...	1	1	1
N963.2	...	1	1	1	N968.6	...	-	-	-	N974.3	...	3	3	3
N963.3	...	-	-	-	N968.7	...	1	1	1	N974.4	...	2	2	2
N963.4	...	1	1	1	N968.9	...	78	78	78	N974.5	...	3	3	3
N963.5	...	5	5	5	N969.0	...	1583	1583	1583	N974.6	...	18	18	18
N963.8	...	-	-	-	N969.1	...	122	122	122	N974.7	...	6	6	6
N963.9	...	-	-	-	N969.2	...	16	16	16	N975.0	...	-	-	-
N964.0	...	5	5	5	N969.3	...	10	10	10	N975.1	...	-	-	-
N964.1	...	-	-	-	N969.4	...	502	502	502	N975.2	...	11	11	11
N964.2	...	48	48	48	N969.5	...	85	85	85	N975.3	...	2	2	2
N964.3	...	3	3	3	N969.6	...	51	51	51	N975.4	...	8	8	8
N964.4	...	-	-	-	N969.7	...	211	211	211	N975.5	...	6	6	6
N964.5	...	2	2	2	N969.8	...	7	7	7	N975.6	...	8	8	8
N964.6	...	-	-	-	N969.9	...	9	9	9	N975.7	...	19	19	19
N964.7	...	1	1	1	N970.0	...	1	1	1	N975.8	...	15	15	15
N964.8	...	-	-	-	N970.1	...	-	-	-	N976.0	...	16	16	16
N964.9	...	-	-	-	N970.8	...	-	-	-	N976.1	...	-	-	-
N965.0	...	2338	2338	2338	N970.9	...	1	1	1	N976.2	...	7	7	7
N965.1	...	278	278	278	N971.0	...	-	-	-	N976.3	...	2	2	2
N965.4	...	242	242	242	N971.1	...	23	23	23	N976.4	...	-	-	-
N965.5	...	2	2	2	N971.2	...	20	20	20	N976.5	...	-	-	-
N965.6	...	17	17	17	N971.3	...	2	2	2	N976.6	...	-	-	-
N965.7	...	467	467	467	N971.9	...	1	1	1	N976.7	...	3	3	3
N965.8	...	514	514	514	N972.0	...	190	190	190	N976.8	...	1	1	1
N965.9	...	7	7	7	N972.1	...	720	720	720	N976.9	...	-	-	-
N966.0	...	1	1	1	N972.2	...	3	3	3	N977.0	...	21	21	21
N966.1	...	82	82	82	N972.3	...	1	1	1	N977.1	...	-	-	-
N966.2	...	-	-	-	N972.4	...	9	9	9	N977.2	...	-	-	-
N966.3	...	37	37	37	N972.5	...	1	1	1	N977.3	...	2	2	2
N966.4	...	3	3	3	N972.6	...	10	10	10	N977.4	...	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1989

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N977.8	...	149	149	149	N985.3	...	-	-	-	N992.2	...	1	1	1
N977.9	...	4299	4299	4299	N985.4	...	-	-	-	N992.3	...	2	2	2
N978.0	...	-	-	-	N985.5	...	2	2	2	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	32	32	32
N978.2	...	-	-	-	N985.8	...	59	59	59	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	2	2	2	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	4614	4614	4614	N992.8	...	3	3	3
N978.5	...	-	-	-	N987.0	...	37	37	37	N992.9	...	58	58	58
N978.6	...	-	-	-	N987.1	...	47	47	47	N993.0	...	-	-	-
N978.8	...	-	-	-	N987.2	...	5	5	5	N993.1	...	1	1	1
N978.9	...	-	-	-	N987.3	...	1	1	1	N993.2	...	16	16	16
N979.0	...	-	-	-	N987.4	...	33	33	33	N993.3	...	6	6	6
N979.1	...	1	1	1	N987.5	...	-	-	-	N993.4	...	1	1	1
N979.2	...	-	-	-	N987.6	...	2	2	2	N993.8	...	-	-	-
N979.3	...	-	-	-	N987.7	...	1	1	1	N993.9	...	-	-	-
N979.4	...	-	-	-	N987.8	...	3359	3359	3359	N994.0	...	48	48	48
N979.5	...	-	-	-	N987.9	...	549	549	549	N994.1	...	6440	6440	6440
N979.6	...	-	-	-	N988.0	...	-	-	-	N994.2	...	147	147	147
N979.7	...	-	-	-	N988.1	...	4	4	4	N994.3	...	4	4	4
N979.9	...	12	12	12	N988.2	...	1	1	1	N994.4	...	2	2	2
N980.0	...	665	665	665	N988.8	...	-	-	-	N994.5	...	47	47	47
N980.1	...	42	42	42	N988.9	...	-	-	-	N994.6	...	1	1	1
N980.2	...	41	41	41	N989.0	...	75	75	75	N994.7	...	7210	7210	7210
N980.3	...	-	-	-	N989.1	...	9	9	9	N994.8	...	773	773	773
N980.8	...	-	-	-	N989.2	...	5	5	5	N994.9	...	330	330	330
N980.9	...	545	545	545	N989.3	...	15	15	15	N995.0	...	112	112	112
N981	...	15	15	15	N989.4	...	46	46	46	N995.1	...	28	28	28
N982.0	...	11	11	11	N989.5	...	78	78	78	N995.2	...	217	217	217
N982.1	...	-	-	-	N989.6	...	-	-	-	N995.3	...	49	49	49
N982.2	...	1	1	1	N989.7	...	-	-	-	N995.4	...	2	2	2
N982.3	...	30	30	30	N989.8	...	54	54	54	N995.5	...	146	146	146
N982.4	...	-	-	-	N989.9	...	94	94	94	N995.8	...	17	17	17
N982.8	...	53	53	53	N990	...	42	42	42	N996.0	...	313	313	313
N983.0	...	6	6	6	N991.0	...	3	3	3	N996.1	...	53	53	53
N983.1	...	22	22	22	N991.1	...	2	2	2	N996.2	...	26	26	26
N983.2	...	17	17	17	N991.2	...	7	7	7	N996.3	...	17	17	17
N983.9	...	23	23	23	N991.3	...	15	15	15	N996.4	...	19	19	19
N984.0	...	-	-	-	N991.4	...	-	-	-	N996.5	...	141	141	141
N984.1	...	1	1	1	N991.5	...	-	-	-	N996.6	...	1492	1492	1492
N984.8	...	-	-	-	N991.6	...	1406	1406	1406	N996.7	...	5977	5977	5977
N984.9	...	3	3	3	N991.8	...	-	-	-	N996.8	...	563	563	563
N985.0	...	4	4	4	N991.9	...	585	585	585	N996.9	...	1	1	1
N985.1	...	13	13	13	N992.0	...	178	178	178	N997.0	...	689	689	689
N985.2	...	-	-	-	N992.1	...	1	1	1	N997.1	...	3812	3812	3812

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, 1989

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	32	-	4	3	-	2	3	2	1	3	8	6	-
007-009.....	635	128	17	7	4	22	24	20	43	90	149	131	-
010-018.....	4,409	4	9	4	51	305	486	422	629	930	1,034	533	2
010-012.....	3,524	1	3	3	30	233	365	321	500	753	855	459	1
013-018.....	931	3	7	1	21	75	127	107	135	184	193	77	1
033.....	15	10	5	-	-	-	-	-	-	-	-	-	-
034-035.....	31	1	1	1	4	-	-	3	5	4	3	9	-
036.....	291	59	50	31	38	10	19	17	20	23	16	8	-
038.....	106,222	793	340	261	617	2,013	3,688	5,100	11,670	23,415	32,370	25,945	10
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	43	10	15	4	3	6	3	-	-	1	1	-	-
070.....	2,226	9	5	8	72	205	308	275	369	499	364	112	-
090-097.....	347	35	-	2	3	27	30	24	36	50	96	44	-
REM. 001-1391/...	37,906	520	285	226	949	9,252	10,648	4,872	3,190	3,392	2,944	1,613	15
140-208.....	560,144	119	556	1,236	1,976	5,777	16,619	40,997	102,696	171,487	152,962	65,695	24
140-149.....	9,903	-	3	5	28	58	329	1,045	2,573	3,024	2,021	813	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, 1989

(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.....	135,107	8	22	23	122	668	2,622	7,859	21,855	40,534	40,879	20,508	7
160-165.....	155,997	8	4	8	53	310	2,745	12,677	37,446	57,411	37,108	8,221	6
174-175.....	51,533	1	-	-	7	673	3,381	6,014	9,913	13,143	11,844	6,556	1
179-187.....	68,705	1	5	7	125	632	1,469	2,913	8,037	19,323	23,878	12,314	1
188-189.....	25,344	5	26	39	23	79	402	1,317	3,776	7,273	8,219	4,185	-
170-173, 190-199.	188,208	61	306	609	869	2,414	6,586	15,468	36,686	57,395	48,620	19,187	7
204-208.....	22,724	37	178	479	553	754	933	1,264	2,898	5,850	6,506	3,272	-
200-203.....	34,782	4	28	113	346	914	1,498	2,375	5,471	10,049	10,139	3,843	2
210-239.....	12,598	99	79	101	125	227	408	664	1,398	2,974	3,969	2,552	2
250.....	160,848	7	18	49	196	1,106	2,973	7,716	22,798	47,306	51,925	26,747	7
260-269.....	30,900	65	21	35	86	373	693	1,086	2,813	5,974	9,881	9,867	6
280-285.....	40,641	90	118	139	294	881	1,241	1,491	3,447	7,594	12,513	12,828	5
320-322.....	2,876	371	135	41	69	213	289	289	383	518	409	157	2
390-448.....	1,335,671	3,804	1,720	1,760	4,109	12,141	27,362	56,734	144,336	301,772	425,331	356,447	155
390-398, 402, 404-429.....	1,155,640	3,463	1,591	1,549	3,617	10,713	24,195	50,680	129,479	265,468	364,301	300,449	135
390-398.....	10,718	9	9	21	58	166	348	610	1,495	2,975	3,509	1,518	-

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, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
402.....	38,694	4	2	4	18	220	1,007	2,398	5,365	9,106	11,879	8,682	9
404.....	3,566	-	-	1	6	28	57	114	325	811	1,261	963	-
410-414.....	609,406	111	18	30	194	1,534	7,720	23,411	66,587	144,931	201,743	163,073	54
410.....	278,633	75	11	15	131	849	4,413	13,712	37,055	73,983	91,909	56,456	24
411.....	8,023	6	1	1	11	54	277	556	1,209	1,914	2,236	1,755	3
413.....	6,109	-	-	-	1	9	40	166	547	1,440	2,247	1,658	1
412, 414.....	443,757	35	6	15	80	921	4,841	14,679	43,896	100,904	147,858	130,483	39
424.....	26,932	47	22	32	69	300	460	691	1,938	5,381	9,799	8,192	1
415-423, 425-429.	854,294	3,358	1,569	1,516	3,454	9,418	18,807	36,201	92,145	190,794	267,709	229,223	100
401, 403.....	108,404	26	7	13	62	408	1,786	5,014	13,994	28,386	35,609	23,088	11
430-438.....	259,096	392	163	241	526	1,534	3,554	7,226	18,862	49,540	92,314	84,715	29
431-432.....	29,661	190	56	127	264	672	1,516	2,603	4,416	7,046	8,399	4,363	9
434.0, 434.9.....	32,128	77	36	35	87	177	339	787	2,275	6,015	11,333	10,964	3
434.1.....	2,338	2	2	-	3	12	38	73	205	520	892	591	-
430, 433, 435-438	204,227	137	74	86	212	797	1,887	4,165	12,694	37,601	74,655	71,900	19
440.....	95,955	4	2	1	9	78	402	1,524	5,880	16,900	32,288	38,859	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, 1989

(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.....	46,549	48	9	27	112	297	668	1,333	4,619	12,778	16,131	10,521	6
466.....	2,343	101	38	10	9	27	32	64	182	511	724	641	4
480-487.....	205,841	1,199	516	454	815	2,589	4,281	5,937	15,623	37,247	66,635	70,515	30
480-486.....	203,583	1,183	500	438	791	2,564	4,239	5,885	15,472	36,970	66,002	69,509	30
487.....	2,258	16	16	16	24	25	42	52	151	277	633	1,006	-
490-496.....	196,710	103	104	169	274	489	1,295	5,181	24,662	63,121	71,339	29,953	20
490-491.....	8,635	59	47	27	34	49	96	240	958	2,134	2,866	2,123	2
492.....	33,051	21	1	1	6	33	194	940	4,649	11,564	11,755	3,885	2
493.....	10,510	12	42	120	192	323	517	809	1,604	2,675	2,820	1,394	2
494-496.....	145,688	13	15	24	52	95	510	3,242	17,618	47,135	54,261	22,709	14
531-533.....	17,135	24	9	12	30	107	327	714	1,755	3,994	5,763	4,399	1
540-543.....	906	5	-	20	24	26	29	50	116	223	257	155	1
550-553, 560.....	18,962	196	51	36	46	158	349	665	1,803	3,958	6,134	5,565	1
571.....	40,500	42	25	13	105	1,446	4,889	6,473	9,925	10,496	5,818	1,250	18
574-575.....	7,731	11	2	1	16	57	109	221	617	1,642	2,685	2,370	-
580-589.....	116,965	1,126	109	133	425	1,699	3,248	5,063	12,746	27,680	37,507	27,219	10

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, 1989

(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.....	1,165	13	9	8	11	27	40	46	139	281	371	220	-
582-583, 587...	4,618	8	5	8	28	101	159	167	412	1,012	1,486	1,231	1
584-586, 588-589.....	112,611	1,107	100	120	399	1,619	3,112	4,912	12,331	26,696	36,116	26,090	9
590.....	3,281	15	2	5	22	51	103	106	244	564	1,083	1,085	1
600.....	2,037	-	-	-	1	-	3	11	73	386	853	710	-
630-676.....	374	...	...	-	113	196	63	2	...	...	...	...	-
630-638.....	58	...	...	-	21	28	9	-	...	...	...	...	-
640-676.....	326	...	...	-	93	175	56	2	...	...	...	...	-
740-759.....	17,369	9,392	1,151	616	642	704	661	724	913	1,078	970	512	6
760-779.....	24,522	24,187	229	46	14	12	10	3	5	7	3	-	6
767-769.....	6,496	6,411	48	15	5	6	5	1	1	4	-	-	-
760-766, 770-779.....	23,894	23,625	194	35	9	7	5	2	5	3	3	-	6
780-799.....	407,306	9,937	1,663	1,637	3,689	9,280	14,088	19,896	47,149	93,510	116,178	90,146	133
RESIDUAL.....	593,313	4,184	1,999	2,146	5,132	12,918	21,913	30,798	64,429	122,800	175,699	151,226	69
E800-E949.....	156,793	1,598	3,161	4,488	17,390	17,972	13,989	10,511	14,194	22,743	28,224	22,393	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, 1989

(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.....	48,429	223	1,010	2,275	12,989	10,334	6,356	3,936	3,548	3,657	3,107	955	39
E800-E807, E826-E949.....	108,697	1,376	2,153	2,219	4,479	7,712	7,676	6,601	10,670	19,131	25,140	21,449	91
E950-E959.....	30,408	...	...	242	4,877	6,596	5,367	3,665	3,362	3,305	2,281	699	14
E960-E978.....	23,069	349	394	513	6,195	7,160	4,044	1,903	1,105	761	424	138	83
E980-E999.....	2,878	54	58	51	355	790	702	294	209	181	112	51	21
N800-N999.....	200,222	1,937	3,540	5,160	28,370	31,856	23,442	15,573	17,301	24,100	27,820	20,882	241
N800-N848.....	32,863	114	300	635	3,317	3,056	2,068	1,451	1,772	3,254	7,231	9,648	17
N850-N854.....	35,101	377	896	1,512	7,764	6,825	4,445	2,933	2,645	3,010	2,954	1,704	36
N860-N869.....	22,652	68	287	682	5,179	5,167	3,261	2,190	1,943	1,860	1,494	499	22
N870-N897.....	39,133	30	146	769	9,205	10,179	6,439	3,813	3,072	2,948	1,953	527	52
N900-N904.....	4,418	7	20	59	1,017	1,109	672	409	375	343	292	110	5
N905-N909.....	2,977	9	30	42	82	210	241	236	336	505	638	648	-
N910-N929.....	1,617	7	38	42	225	281	224	167	143	153	171	166	-
N930-N939.....	14,789	304	235	167	341	500	645	743	1,365	2,787	4,125	3,575	2
N940-N949.....	3,974	74	305	231	413	559	466	345	433	446	458	234	10
N950-N957.....	1,894	9	22	66	382	366	255	165	152	192	192	91	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENT:D
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	32,245	180	518	1,063	6,649	6,448	4,424	2,748	2,581	2,751	2,966	1,867	50
N960-N995	36,709	675	1,510	1,461	4,748	8,078	6,777	3,559	3,031	2,937	2,513	1,318	102
N996-N999	25,341	439	225	196	266	536	946	1,438	3,534	7,236	7,160	3,362	3
*042-*044 <u>2</u> /.	24,542	132	125	75	669	8,488	9,534	3,718	1,303	389	78	16	15

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

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	N.S.
ALL CAUSES.....	2,150,466	39,655	7,292	8,914	36,488	60,524	80,919	118,266	260,058	481,224	599,206	457,358	562
004, 006.....	20	-	4	3	-	1	2	-	-	1	6	3	-
007-009.....	339	92	13	5	2	6	6	8	22	48	67	70	-
010-018.....	1,970	1	7	3	25	127	200	201	270	426	466	242	2
010-012.....	1,536	-	1	2	14	88	146	147	210	341	376	210	1
013-018.....	434	1	6	1	11	39	54	54	60	85	90	32	1
033.....	12	9	3	-	-	-	-	-	-	-	-	-	-
034-035.....	17	1	1	-	2	-	-	3	3	1	2	4	-
036.....	273	58	48	31	38	8	17	15	18	19	14	7	-
038.....	19,333	290	94	33	87	322	601	781	1,695	3,664	6,114	5,650	2
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	32	8	12	3	2	4	2	-	-	-	1	-	-
070.....	1,516	7	5	5	60	138	187	183	244	362	253	72	-
090-097.....	105	19	-	2	-	10	4	7	10	15	23	15	-
REM. 001-139 <u>1</u> /...	29,234	396	216	144	794	8,415	9,399	3,931	2,099	1,761	1,375	691	13
140-208.....	496,152	107	506	1,155	1,851	5,314	15,742	39,138	96,111	155,028	130,612	50,566	22

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, 1989

(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.....	8,104	-	2	4	28	52	304	944	2,201	2,438	1,530	598	3
150-159.....	119,663	7	18	21	118	648	2,521	7,520	20,472	36,774	35,221	16,337	6
160-165.....	142,281	7	3	6	47	300	2,641	12,132	35,043	52,184	32,847	7,065	6
174-175.....	43,138	1	-	-	7	655	3,282	5,734	9,020	11,296	9,035	4,107	1
179-187.....	54,952	1	5	7	116	602	1,400	2,709	7,254	16,267	18,253	8,337	1
188-189.....	20,233	5	23	33	21	78	380	1,237	3,334	6,010	6,244	2,868	-
170-173, 190-199.....	61,030	51	271	556	707	1,519	3,091	5,678	11,600	17,015	14,437	6,102	3
204-208.....	18,246	32	160	429	505	682	856	1,134	2,527	4,766	4,913	2,242	-
200-203.....	28,505	3	24	99	302	778	1,267	2,050	4,660	8,278	8,132	2,910	2
210-239.....	6,701	56	66	85	87	166	284	410	813	1,547	1,999	1,187	1
250.....	46,833	6	15	32	136	687	1,432	2,784	6,942	13,168	14,160	7,470	1
260-269.....	3,046	14	3	4	8	17	37	42	119	340	934	1,526	2
280-285.....	3,993	38	50	47	112	175	184	166	264	640	1,109	1,207	1
320-322.....	1,068	229	99	21	24	65	91	83	106	161	122	65	2
390-448.....	931,838	924	332	396	1,248	4,644	14,783	36,833	96,172	203,467	301,942	270,981	116

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, 1989

(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.....	733,867	776	281	295	938	3,462	11,782	30,922	81,351	165,787	234,318	203,863	92
390-398.....	6,087	4	6	10	35	108	255	397	858	1,666	1,921	827	-
402.....	20,963	2	2	2	11	144	586	1,419	2,946	4,697	6,174	4,974	6
404.....	2,385	-	-	-	5	17	30	71	198	475	854	735	-
410-414.....	498,021	33	5	12	111	1,141	6,553	20,001	55,123	116,115	163,033	135,850	44
410.....	246,950	19	3	6	74	641	3,810	12,040	32,383	64,689	81,686	51,577	22
411.....	3,376	2	-	-	5	24	96	246	583	822	879	718	1
413.....	1,066	-	-	-	-	1	9	43	92	227	367	327	-
412, 414...	246,629	12	2	6	32	475	2,638	7,672	22,065	50,377	80,101	83,228	21
424.....	12,185	19	7	16	37	154	243	329	913	2,325	4,329	3,812	1
415-423, 425-429.....	194,226	718	261	255	739	1,898	4,115	8,705	21,313	40,509	58,007	57,665	41
401, 403.....	8,766	3	3	5	16	70	174	381	860	1,917	2,857	2,479	1
430-438.....	145,551	127	40	83	232	913	2,354	4,583	10,541	26,306	50,740	49,614	18
431-432.....	20,679	50	12	37	93	320	899	1,712	2,998	4,835	6,309	3,408	6
434.0, 434.9.	19,799	16	8	10	20	38	119	345	1,195	3,423	6,990	7,632	3

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, 1989

(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.....	681	-	2	-	1	1	9	15	54	152	277	170	-
430, 433, 435-438.....	104,392	61	18	36	118	554	1,327	2,511	6,294	17,896	37,164	38,404	9
440.....	19,357	1	1	1	2	5	44	168	721	2,348	5,761	10,304	1
441-448.....	24,297	17	7	12	60	194	429	779	2,699	7,109	8,266	4,721	4
466.....	633	73	21	4	3	10	7	20	35	100	175	183	2
480-487.....	76,550	636	228	122	271	881	1,415	1,707	3,880	10,418	24,022	32,955	15
480-486.....	74,957	624	220	108	255	866	1,384	1,676	3,808	10,246	23,591	32,164	15
487.....	1,593	12	8	14	16	15	31	31	72	172	431	791	-
490-496.....	84,344	48	55	113	176	318	632	2,283	10,748	27,065	30,627	12,273	6
490-491.....	3,759	30	26	10	9	17	30	98	398	979	1,277	885	-
492.....	15,467	7	1	1	3	7	63	401	2,318	5,595	5,485	1,586	-
493.....	4,869	6	26	95	148	256	346	472	743	1,208	1,094	473	2
494-496.....	60,249	5	2	7	16	38	193	1,312	7,289	19,283	22,771	9,329	4
531-533.....	6,455	12	3	4	11	40	143	269	611	1,383	2,169	1,809	1
540-543.....	451	2	-	16	18	17	13	35	53	111	112	74	-
550-553, 560.....	5,530	88	26	24	14	54	95	121	365	891	1,852	2,000	-

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, 1989

(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.....	26,694	18	6	7	57	981	3,603	4,721	6,756	6,492	3,340	704	9
574-575.....	3,048	3	2	-	4	20	48	85	227	590	1,032	1,037	-
580-589.....	21,118	198	15	20	70	258	465	713	1,866	4,415	7,133	5,960	5
580-581.....	310	8	3	4	4	7	14	9	32	70	109	50	-
582-583, 587...	1,517	4	3	4	13	36	57	61	151	313	479	395	1
584-586, 588-589.....	19,291	186	9	12	53	215	394	643	1,683	4,032	6,545	5,515	4
590.....	1,414	6	-	-	10	25	34	39	80	228	468	523	1
600.....	449	-	-	-	-	-	3	3	13	60	184	186	-
630-676.....	320	...	...	-	99	169	50	2	...	...	...	...	-
630-638.....	50	...	...	-	19	25	6	-	...	...	...	...	-
640-676.....	270	...	...	-	80	144	44	2	...	...	...	...	-
740-759.....	12,897	8,120	928	480	474	483	402	395	428	513	450	218	6
760-779.....	18,752	18,564	134	23	7	6	6	2	2	3	1	-	4
767-769.....	4,631	4,578	31	9	4	4	3	-	1	1	-	-	-
760-766, 770-779.....	14,121	13,986	103	14	3	2	3	2	1	2	1	-	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, 1989

(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.....	26,988	6,627	285	181	736	1,969	2,231	1,512	1,999	3,089	3,899	4,369	91
RESIDUAL.....	170,668	1,542	876	1,053	1,912	4,125	6,886	8,417	15,847	32,080	51,340	46,570	20
E800-E949.....	95,028	996	2,774	4,090	16,738	16,574	11,855	7,494	7,552	8,812	10,256	7,764	123
E810-E825.....	47,575	216	1,005	2,266	12,941	10,269	6,302	3,879	3,408	3,465	2,909	877	38
E800-E807, E826-E949.....	47,453	780	1,769	1,824	3,797	6,305	5,553	3,615	4,144	5,347	7,347	6,887	85
E950-E959.....	30,232	...	...	240	4,870	6,565	5,331	3,642	3,342	3,275	2,259	694	14
E960-E978.....	22,909	335	393	510	6,185	7,135	4,019	1,885	1,085	740	409	130	83
E980-E999.....	2,700	51	56	49	345	760	668	278	193	146	97	37	20
*O42-*O44 <u>2</u> /.....	22,082	120	112	64	613	7,759	8,563	3,285	1,144	327	70	12	13

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

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
004, 006.....	12	-	-	-	-	1	1	2	1	2	2	3	-
007-009.....	298	36	4	2	2	16	18	12	21	42	84	61	-
010-018.....	2,440	3	2	1	26	178	287	221	359	504	568	291	-
010-012.....	1,990	1	2	1	16	145	220	174	290	412	480	249	-
013-018.....	500	2	1	-	10	36	73	54	75	100	104	45	-
033.....	3	1	2	-	-	-	-	-	-	-	-	-	-
034-035.....	14	-	-	1	2	-	-	-	2	3	1	5	-
036.....	18	1	2	-	-	2	2	2	2	4	2	1	-
038.....	86,890	503	246	228	530	1,691	3,087	4,319	9,976	19,751	26,256	20,295	8
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	11	2	3	1	1	2	1	-	-	1	-	-	-
070.....	710	2	-	3	12	67	121	92	125	137	111	40	-
090-097.....	242	16	-	-	3	17	26	17	26	35	73	29	-
REM. 001 - 139 <u>1</u> /...	8,683	125	69	82	155	837	1,251	942	1,094	1,632	1,572	922	2
140-208.....	63,993	12	50	81	125	463	878	1,859	6,585	16,459	22,350	15,129	2
140-149.....	1,799	-	1	1	-	6	25	101	372	586	491	215	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
150-159.....	15,444	1	4	2	4	20	101	339	1,383	3,760	5,658	4,171	1
160-165.....	13,716	1	1	2	6	10	104	545	2,403	5,227	4,261	1,156	-
174-175.....	8,395	-	-	-	-	18	99	280	893	1,847	2,809	2,449	-
179-187.....	13,754	-	-	-	9	30	69	204	783	3,056	5,626	3,977	-
188-189.....	5,112	-	3	6	2	1	22	80	443	1,263	1,975	1,317	-
170-173, 190-199..	127,180	10	35	53	162	895	3,495	9,790	25,086	40,382	34,183	13,085	4
204-208.....	4,480	5	18	50	48	72	77	130	372	1,085	1,593	1,030	-
200-203.....	6,278	1	4	14	44	136	232	325	811	1,771	2,007	933	-
210-239.....	5,897	43	13	16	38	61	124	254	585	1,427	1,970	1,365	1
250.....	114,015	1	3	17	60	419	1,541	4,932	15,856	34,138	37,765	19,277	6
260-269.....	27,871	51	18	31	78	356	657	1,044	2,695	5,635	8,952	8,350	4
280-285.....	36,648	52	68	92	182	706	1,057	1,325	3,183	6,954	11,404	11,621	4
320-322.....	1,810	142	38	20	45	148	198	206	277	357	287	92	-
390-448.....	403,984	2,880	1,388	1,364	2,861	7,501	12,600	19,923	48,188	98,329	123,426	85,485	39
390-398, 402, 404-429.....	421,832	2,687	1,310	1,254	2,679	7,255	12,434	19,776	48,138	99,684	129,985	96,587	43
390-398.....	4,632	5	3	11	23	58	93	213	637	1,310	1,588	691	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
402.....	17,921	2	-	2	7	77	423	980	2,434	4,438	5,767	3,788	3
404.....	1,473	-	-	1	2	12	28	49	138	398	523	322	-
410-414.....	111,387	78	13	18	83	393	1,167	3,410	11,464	28,817	38,710	27,224	10
410.....	31,685	56	8	9	57	208	603	1,672	4,672	9,295	10,223	4,880	2
411.....	4,647	4	1	1	6	30	181	310	626	1,092	1,357	1,037	2
413.....	5,043	-	-	-	1	8	31	123	455	1,213	1,880	1,331	1
412, 414.....	197,129	23	4	9	48	446	2,203	7,007	21,831	50,527	67,758	47,255	18
424.....	14,747	28	15	16	32	146	217	362	1,025	3,056	5,470	4,380	-
415-423, 425-429.....	660,143	2,640	1,308	1,261	2,715	7,524	14,715	27,514	70,844	150,292	209,710	171,561	59
401, 403.....	99,712	23	4	8	46	339	1,612	4,634	13,143	26,488	32,775	20,630	10
430-438.....	113,551	265	123	158	294	621	1,200	2,643	8,321	23,236	41,575	35,104	11
431-432.....	8,998	140	44	90	171	352	619	895	1,421	2,214	2,093	956	3
434.0, 434.9....	12,329	61	28	25	67	139	220	442	1,080	2,592	4,343	3,332	-
434.1.....	1,657	2	-	-	2	11	29	58	151	368	615	421	-
430, 433, 435-438.....	99,857	76	56	50	94	243	563	1,656	6,401	19,710	37,497	33,501	10

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
440.....	76,600	3	1	-	7	73	358	1,356	5,159	14,552	26,527	28,557	7
441-448.....	22,634	31	2	15	52	104	242	572	1,973	5,773	7,999	5,869	2
466.....	1,711	28	17	6	6	17	25	44	147	411	549	459	2
480-487.....	129,294	563	288	333	544	1,708	2,866	4,231	11,743	26,829	42,613	37,561	15
480-486.....	128,630	559	280	331	536	1,698	2,855	4,210	11,664	26,724	42,411	37,347	15
487.....	665	4	8	2	8	10	11	21	79	105	202	215	-
490-496.....	112,370	55	50	56	98	171	663	2,899	13,914	36,057	40,713	17,680	14
490-491.....	4,879	29	22	17	25	32	66	142	560	1,156	1,590	1,238	2
492.....	17,586	14	-	-	3	26	131	539	2,331	5,971	6,270	2,299	2
493.....	5,680	6	16	25	45	67	171	344	867	1,474	1,737	928	-
494-496.....	85,451	8	13	17	36	57	317	1,931	10,330	27,857	31,494	13,381	10
531-533.....	10,680	12	6	8	19	67	184	445	1,144	2,611	3,594	2,590	-
540-543.....	455	3	-	4	6	9	16	15	63	112	145	81	1
550-553, 560.....	13,432	108	25	12	32	104	254	544	1,438	3,067	4,282	3,565	1
571.....	14,080	24	19	6	49	485	1,328	1,819	3,244	4,061	2,490	546	9
574-575.....	4,683	8	-	1	12	37	61	136	390	1,052	1,653	1,333	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
580-589.....	95,870	928	94	113	355	1,442	2,784	4,353	10,881	23,273	30,382	21,260	5
580-581.....	860	5	6	4	7	21	26	38	107	213	263	170	-
582-583, 587.....	3,124	4	2	4	15	65	104	106	262	708	1,016	838	-
584-586, 588-589..	93,328	921	91	108	346	1,404	2,718	4,271	10,648	22,667	29,571	20,578	5
590.....	1,870	9	2	5	12	26	69	67	166	337	615	562	-
600.....	1,588	-	-	-	1	-	-	8	60	326	669	524	-
630-676.....	54	...	...	-	14	27	13	-	...	...	...	...	-
630-638.....	8	...	...	-	2	3	3	-	...	...	...	...	-
640-676.....	56	...	...	-	13	31	12	-	...	...	...	...	-
740-759.....	4,485	1,272	225	136	168	222	259	329	485	568	526	295	-
760-779.....	5,773	5,625	95	24	7	6	4	1	3	4	2	-	2
767-769.....	1,868	1,835	17	7	1	2	2	1	-	3	-	-	-
760-766, 770-779..	9,774	9,640	91	21	6	5	2	-	4	1	2	-	2
780-799.....	380,319	3,310	1,378	1,456	2,953	7,311	11,857	18,384	45,150	90,421	112,279	85,778	42
RESIDUAL.....	424,417	2,713	1,129	1,101	3,237	8,838	15,109	22,523	48,865	91,167	124,807	104,879	49
E800-E949.....	61,769	602	387	398	652	1,398	2,134	3,017	6,643	13,931	17,968	14,632	7

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
E810-E815.....	854	7	5	9	48	65	54	57	140	192	198	78	1
E800-E807, E816- E949.....	61,248	596	384	395	682	1,407	2,123	2,986	6,527	13,784	17,793	14,565	6
E950-E959.....	176	...	...	2	7	31	36	23	20	30	22	5	-
E960-E978.....	161	14	1	3	11	25	25	18	20	21	15	8	-
E980-E999.....	178	3	2	2	10	30	34	16	16	35	15	14	1
N800-N999.....	200,222	1,937	3,540	5,160	28,370	31,856	23,442	15,573	17,301	24,100	27,820	20,882	241
N800-N848.....	32,863	114	300	635	3,317	3,056	2,068	1,451	1,772	3,254	7,231	9,648	17
N850-N854.....	35,101	377	896	1,512	7,764	6,825	4,445	2,933	2,645	3,010	2,954	1,704	36
N860-N869.....	22,652	68	287	682	5,179	5,167	3,261	2,190	1,943	1,860	1,494	499	22
N870-N897.....	39,133	30	146	769	9,205	10,179	6,439	3,813	3,072	2,948	1,953	527	52
N900-N904.....	4,418	7	20	59	1,017	1,109	672	409	375	343	292	110	5
N905-N909.....	2,977	9	30	42	82	210	241	236	336	505	638	648	-
N910-N929.....	1,617	7	38	42	225	281	224	167	143	153	171	166	-
N930-N939.....	14,789	304	235	167	341	500	645	743	1,365	2,787	4,125	3,575	2
N940-N949.....	3,974	74	305	231	413	559	466	345	433	446	458	234	10
N950-N957.....	1,894	9	22	66	382	366	255	165	152	192	192	91	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
N958-N959.....	32,245	180	518	1,063	6,649	6,448	4,424	2,748	2,581	2,751	2,966	1,867	50
N960-N995.....	36,709	675	1,510	1,461	4,748	8,078	6,777	3,559	3,031	2,937	2,513	1,318	102
N996-N999.....	25,341	439	225	196	266	536	946	1,438	3,534	7,236	7,160	3,362	3
*042-*044 <u>2</u> /.....	2,512	12	13	11	58	740	986	443	165	65	13	4	2

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	32	-	4	3	-	2	3	2	1	3	8	6	-
007-009.....	813	128	19	8	8	90	102	34	51	91	150	132	-
010-018.....	4,695	4	9	4	59	411	612	452	643	931	1,034	533	3
010-012.....	3,753	1	4	3	35	294	457	347	513	766	865	465	3
013-018.....	995	3	6	1	24	121	165	111	138	172	184	70	-
033.....	15	10	5	-	-	-	-	-	-	-	-	-	-
034-035.....	31	1	1	1	4	-	-	3	5	4	3	9	-
036.....	291	59	50	31	38	10	19	17	20	23	16	8	-
038.....	107,827	799	347	263	662	2,402	4,196	5,321	11,801	23,526	32,472	26,026	12
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	43	10	15	4	3	6	3	-	-	1	1	-	-
070.....	2,226	9	5	8	72	205	308	275	369	499	364	112	-
090-097.....	347	35	-	2	3	27	30	24	36	50	96	44	-
REM. 001-139 <u>1</u> /..	38,518	525	290	226	955	9,261	10,666	4,905	3,248	3,511	3,155	1,761	15
140-208.....	562,459	119	559	1,237	2,015	6,589	17,585	41,372	102,794	171,503	152,964	65,697	25
140-149.....	9,903	-	3	5	28	58	329	1,045	2,573	3,024	2,021	813	4

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

(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.....	135,107	8	22	23	122	668	2,622	7,859	21,855	40,534	40,879	20,508	7
160-165.....	155,997	8	4	8	53	310	2,745	12,677	37,446	57,411	37,108	8,221	6
174-175.....	51,533	1	-	-	7	673	3,381	6,014	9,913	13,143	11,844	6,556	1
179-187.....	68,705	1	5	7	125	632	1,469	2,913	8,037	19,323	23,878	12,314	1
188-189.....	25,344	5	26	39	23	79	402	1,317	3,776	7,273	8,219	4,185	-
170-173, 190-199.....	190,394	61	307	609	895	3,051	7,327	15,772	36,842	57,513	48,748	19,261	8
204-208.....	22,724	37	178	479	553	754	933	1,264	2,898	5,850	6,506	3,272	-
200-203.....	35,479	4	31	114	361	1,128	1,773	2,502	5,522	10,059	10,140	3,843	2
210-239.....	12,835	99	79	106	127	233	417	688	1,450	3,041	4,022	2,571	2
250.....	160,848	7	18	49	196	1,106	2,973	7,716	22,798	47,306	51,925	26,747	7
260-269.....	31,716	67	22	36	86	396	738	1,156	2,947	6,145	10,084	10,033	6
280-285.....	40,700	104	118	139	294	885	1,247	1,497	3,450	7,610	12,521	12,830	5
320-322.....	2,900	373	138	42	69	217	293	291	384	521	412	158	2
390-448.....	1,337,025	3,822	1,730	1,765	4,115	12,167	27,418	56,796	144,486	302,042	425,716	356,813	155
390-398, 402,404-429....	1,155,984	3,483	1,603	1,555	3,625	10,736	24,238	50,711	129,522	265,500	364,329	300,547	135

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

(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.....	10,720	9	9	21	58	166	348	610	1,495	2,976	3,509	1,519	-
402.....	35,193	2	1	3	19	221	976	2,267	5,002	8,482	10,759	7,453	8
404.....	499	-	-	-	1	1	6	5	18	59	168	241	-
410-414.....	609,408	111	18	30	194	1,534	7,720	23,411	66,587	144,931	201,745	163,073	54
410.....	278,633	75	11	15	131	849	4,413	13,712	37,055	73,983	91,909	56,456	24
411.....	8,023	6	1	1	11	54	277	556	1,209	1,914	2,236	1,755	3
413.....	6,109	-	-	-	1	9	40	166	547	1,440	2,247	1,658	1
412, 414...	443,759	35	6	15	80	921	4,841	14,679	43,896	100,904	147,860	130,483	39
424.....	26,972	47	23	32	69	303	463	694	1,942	5,388	9,814	8,196	1
415-423, 425- 429.....	859,899	3,382	1,583	1,522	3,464	9,469	18,920	36,432	92,718	191,949	269,492	230,867	101
401, 403.....	117,766	28	8	15	68	449	1,917	5,369	14,992	30,398	38,833	25,677	12
430-438.....	259,155	391	163	241	526	1,533	3,552	7,224	18,858	49,535	92,333	84,770	29
431-432.....	30,475	191	58	132	274	716	1,607	2,719	4,592	7,247	8,531	4,398	10
434.0, 434.9.	32,400	77	36	35	87	179	343	797	2,304	6,071	11,445	11,023	3
434.1.....	2,338	2	2	-	3	12	38	73	205	520	892	591	-

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

(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.....	209,937	136	74	87	219	805	1,917	4,314	13,183	38,841	76,785	73,557	19
440.....	105,462	4	2	1	9	87	418	1,606	6,310	18,451	35,581	42,985	8
441-448.....	52,484	48	10	28	115	326	772	1,588	5,515	14,663	18,065	11,348	6
466.....	2,628	105	40	11	10	34	36	76	215	577	807	713	4
480-487.....	210,111	1,235	540	473	876	3,424	5,223	6,297	15,926	37,707	67,320	71,057	33
480-486.....	208,590	1,226	526	459	861	3,408	5,194	6,257	15,805	37,505	66,881	70,435	33
487.....	2,258	16	16	16	24	25	42	52	151	277	633	1,006	-
490-496.....	196,810	107	105	169	274	490	1,296	5,184	24,672	63,142	71,369	29,982	20
490-491.....	8,687	63	48	27	34	49	97	241	959	2,138	2,880	2,149	2
492.....	34,702	21	1	1	7	35	204	989	4,906	12,140	12,332	4,064	2
493.....	10,675	13	42	120	193	325	520	822	1,626	2,723	2,876	1,413	2
494-496.....	153,001	13	15	25	55	104	556	3,448	18,583	49,476	56,971	23,741	14
531-533.....	17,144	24	9	12	30	107	328	714	1,756	3,997	5,765	4,401	1
540-543.....	906	5	-	20	24	26	29	50	116	223	257	155	1
550-553, 560.....	18,962	196	51	36	46	158	349	665	1,803	3,958	6,134	5,565	1
571.....	40,451	42	25	13	105	1,442	4,880	6,459	9,912	10,490	5,815	1,250	18

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
574-575.....	7,734	11	2	1	16	57	109	221	617	1,642	2,686	2,372	-
580-589.....	131,184	1,128	110	135	452	1,823	3,534	5,669	14,258	31,207	42,391	30,466	11
580-581.....	1,302	9	9	8	10	30	51	78	173	334	381	219	-
582-583, 587...	5,720	9	5	8	31	117	197	226	568	1,320	1,843	1,395	1
584-586, 588-589.....	126,103	1,112	101	123	424	1,739	3,365	5,446	13,713	29,990	40,796	29,284	10
590.....	3,434	15	2	5	22	54	107	113	262	600	1,132	1,121	1
600.....	2,037	-	-	-	1	-	3	11	73	386	853	710	-
630-676.....	374	...	...	-	113	196	63	2	...	...	...	...	-
630-638.....	59	...	...	-	21	29	9	-	...	...	...	...	-
640-676.....	326	...	...	-	93	175	56	2	...	...	...	...	-
740-759.....	17,456	9,398	1,154	616	642	708	671	732	922	1,099	988	520	6
760-779.....	24,553	24,198	238	51	15	14	11	3	5	8	4	-	6
767-769.....	6,527	6,428	54	18	6	8	5	1	1	5	1	-	-
760-766, 770-779.....	23,908	23,633	197	37	9	7	6	2	5	3	3	-	6
780-799.....	412,186	9,940	1,665	1,641	3,691	9,331	14,188	20,045	47,594	94,487	117,748	91,723	133

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
RESIDUAL.....	620,771	4,290	2,057	2,182	5,242	13,710	23,451	32,599	67,726	128,504	183,370	157,564	76
E800-E949.....	156,796	1,598	3,161	4,488	17,390	17,972	13,989	10,511	14,194	22,744	28,225	22,394	130
E810-E825.....	48,429	223	1,010	2,275	12,983	10,334	6,356	3,936	3,548	3,657	3,107	955	39
E800-E807, E826-E949....	108,700	1,376	2,153	2,219	4,479	7,712	7,676	6,601	10,670	19,132	25,141	21,450	91
E950-E959.....	30,408	...	...	242	4,877	6,596	5,367	3,665	3,362	3,305	2,281	699	14
E960-E978.....	23,069	349	394	513	6,195	7,160	4,044	1,903	1,105	761	424	138	83
E980-E999.....	2,878	54	58	51	355	790	702	294	209	181	112	51	21
N800-N999.....	200,222	1,937	3,540	5,160	28,370	31,856	23,442	15,573	17,301	24,100	27,820	20,882	241
N800-N848.....	32,863	114	300	635	3,317	3,056	2,068	1,451	1,772	3,254	7,231	9,648	17
N850-N854.....	35,101	377	896	1,512	7,764	6,825	4,445	2,933	2,645	3,010	2,954	1,704	36
N860-N869.....	22,652	68	287	682	5,179	5,167	3,261	2,190	1,943	1,860	1,494	499	22
N870-N897.....	39,133	30	146	769	9,205	10,179	6,439	3,813	3,072	2,948	1,953	527	52
N900-N904.....	4,418	7	20	59	1,017	1,109	672	409	375	343	292	110	5
N905-N909.....	2,977	9	30	42	82	210	241	236	336	505	638	648	-
N910-N929.....	1,617	7	38	42	225	281	224	167	143	153	171	166	-
N930-N939.....	14,789	304	235	167	341	500	645	743	1,365	2,787	4,125	3,575	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1989

(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.....	3,974	74	305	231	413	559	466	345	433	446	458	234	10
N950-N957.....	1,894	9	22	66	382	366	255	165	152	192	192	91	2
N958-N959.....	32,245	180	518	1,063	6,649	6,448	4,424	2,748	2,581	2,751	2,966	1,867	50
N960-N995.....	36,709	675	1,510	1,461	4,748	8,078	6,777	3,559	3,031	2,937	2,513	1,318	102
N996-N999.....	25,341	439	225	196	266	536	946	1,438	3,534	7,236	7,160	3,362	3
*O42-*O44 <u>2</u> /.....	24,547	132	125	75	669	8,490	9,537	3,718	1,303	389	78	16	15

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

2/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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 / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	32	19	13	23	15	8	9	4	5	7	3	4
007-009.....	635	323	312	501	244	257	134	79	55	123	72	51
010-018.....	4,409	2,895	1,514	2,726	1,717	1,009	1,679	1,176	503	1,463	1,040	423
010-012.....	3,524	2,441	1,083	2,197	1,465	732	1,325	975	350	1,162	866	296
013-018.....	931	486	445	554	270	284	375	215	160	318	185	133
033.....	15	5	10	12	3	9	3	2	1	2	1	1
034-035.....	31	11	20	26	7	19	5	4	1	4	3	1
036.....	291	136	155	232	112	120	59	24	35	50	22	28
038.....	106,222	49,966	56,256	86,601	40,371	46,230	19,601	9,583	10,018	18,218	8,814	9,404
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	43	22	21	25	15	10	18	7	11	14	6	8
070.....	2,226	1,404	822	1,759	1,109	650	465	294	171	319	185	134
090-097.....	347	213	134	176	103	73	171	110	61	165	105	60
REM. 001-1392/...	37,906	29,007	8,899	27,434	21,266	6,168	10,452	7,727	2,725	9,956	7,379	2,577
140-208.....	560,144	299,759	260,385	491,604	260,938	230,666	68,481	38,790	29,691	61,463	34,841	26,622

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	9,903	6,510	3,393	8,269	5,291	2,978	1,634	1,219	415	1,452	1,094	358
150-159.....	135,107	71,521	63,586	116,498	61,260	55,238	18,594	10,252	8,342	16,214	8,805	7,409
160-165.....	155,997	102,395	53,602	137,587	89,278	48,309	18,398	13,108	5,290	16,805	12,041	4,764
174-175.....	51,533	380	51,153	45,914	334	45,580	5,614	46	5,568	5,127	44	5,083
179-187.....	68,705	41,875	26,830	58,656	35,471	23,185	10,041	6,401	3,640	9,306	6,035	3,271
188-189.....	25,344	16,602	8,742	23,065	15,236	7,829	2,277	1,365	912	2,045	1,211	834
170-173, 190-199.	188,208	98,248	89,960	165,788	85,926	79,862	22,396	12,314	10,082	20,228	11,146	9,082
204-208.....	22,724	12,632	10,092	20,557	11,394	9,163	2,166	1,237	929	1,847	1,048	799
200-203.....	34,782	18,257	16,525	31,116	16,294	14,822	3,660	1,958	1,702	3,272	1,737	1,535
210-239.....	12,598	5,764	6,834	11,091	5,111	5,980	1,505	652	853	1,324	569	755
250.....	160,848	71,382	89,466	135,095	61,045	74,050	25,723	10,320	15,403	23,026	8,998	14,028
260-269.....	30,900	14,402	16,498	26,344	11,890	14,454	4,554	2,510	2,044	4,170	2,301	1,869
280-285.....	40,641	18,336	22,305	33,435	14,888	18,547	7,197	3,443	3,754	6,640	3,163	3,477
320-322.....	2,876	1,583	1,293	2,053	1,095	958	822	488	334	756	450	306
390-448.....	1,335,671	655,088	680,583	1,164,808	569,511	595,297	170,681	85,474	85,207	154,948	76,519	78,429

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	1,155,640	578,155	577,485	1,008,894	503,655	505,239	146,583	74,411	72,172	133,128	66,618	66,510
390-398.....	10,718	3,587	7,131	9,770	3,238	6,532	946	349	597	769	286	483
402.....	38,694	16,917	21,777	28,972	12,330	16,642	9,717	4,584	5,133	9,262	4,318	4,944
404.....	3,566	1,494	2,072	2,552	1,046	1,506	1,013	447	566	960	424	536
410-414.....	609,406	314,622	294,784	552,365	286,155	266,210	56,955	28,415	28,540	51,061	24,887	26,174
410.....	278,633	150,996	127,637	250,749	136,906	113,843	27,842	14,063	13,779	24,954	12,347	12,607
411.....	8,023	4,517	3,506	6,992	3,923	3,069	1,030	593	437	943	535	408
413.....	6,109	2,861	3,248	5,612	2,634	2,978	495	226	269	442	191	251
412, 414.....	443,757	225,710	218,047	405,527	206,752	198,775	38,171	18,924	19,247	34,020	16,423	17,597
424.....	26,932	12,259	14,673	24,745	11,218	13,527	2,185	1,040	1,145	1,912	895	1,017
415-423, 425-429.	854,294	419,216	435,078	740,211	361,600	378,611	113,956	57,553	56,403	103,197	51,389	51,808
401, 403.....	108,404	45,952	62,452	87,655	36,845	50,810	20,734	9,099	11,635	18,995	8,206	10,789
430-438.....	259,096	106,524	152,572	223,546	90,777	132,769	35,522	15,734	19,788	32,025	13,968	18,057
431-432.....	29,661	13,943	15,718	24,199	11,116	13,083	5,456	2,824	2,632	4,729	2,448	2,281
434.0, 434.9.....	32,128	12,996	19,132	28,134	11,253	16,881	3,992	1,742	2,250	3,644	1,570	2,074

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	2,338	924	1,414	2,132	819	1,313	206	105	101	176	91	85
430, 433, 435-438	204,227	82,195	122,032	177,311	70,697	106,614	26,896	11,489	15,407	24,357	10,210	14,147
440.....	95,955	40,356	55,599	87,443	36,778	50,665	8,497	3,569	4,928	7,688	3,135	4,553
441-448.....	46,549	26,429	20,120	41,916	24,079	17,837	4,626	2,345	2,281	4,177	2,066	2,111
466.....	2,343	1,092	1,251	2,139	984	1,155	204	108	96	172	86	86
480-487.....	205,841	105,503	100,338	182,888	92,303	90,585	22,926	13,180	9,746	20,099	11,466	8,633
480-486.....	203,583	104,674	98,909	180,773	91,540	89,233	22,783	13,114	9,669	19,990	11,418	8,572
487.....	2,258	829	1,429	2,115	763	1,352	143	66	77	109	48	61
490-496.....	196,710	118,543	78,167	181,705	108,677	73,028	14,987	9,853	5,134	13,282	8,688	4,594
490-491.....	8,635	4,478	4,157	8,027	4,142	3,885	607	335	272	528	282	246
492.....	33,051	21,107	11,944	30,963	19,558	11,405	2,087	1,548	539	1,856	1,379	477
493.....	10,510	4,087	6,423	8,446	3,186	5,260	2,062	901	1,161	1,821	772	1,049
494-496.....	145,688	89,478	56,210	135,312	82,321	52,991	10,362	7,146	3,216	9,185	6,318	2,867
531-533.....	17,135	8,865	8,270	15,135	7,754	7,381	1,996	1,109	887	1,687	914	773
540-543.....	906	463	443	753	381	372	152	82	70	139	76	63

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	18,962	7,270	11,692	16,671	6,216	10,455	2,291	1,054	1,237	2,081	963	1,118
571.....	40,500	26,441	14,059	33,830	22,074	11,756	6,660	4,361	2,299	5,699	3,772	1,927
574-575.....	7,731	3,417	4,314	6,888	3,062	3,826	841	354	487	705	293	412
580-589.....	116,965	61,476	55,489	96,614	51,086	45,528	20,333	10,381	9,952	18,404	9,324	9,080
580-581.....	1,165	617	548	942	512	430	223	105	118	201	94	107
582-583, 587...	4,618	2,496	2,122	3,691	2,002	1,689	926	493	433	861	460	401
584-586, 588-589.....	112,611	59,091	53,520	93,171	49,188	43,983	19,423	9,895	9,528	17,554	8,872	8,682
590.....	3,281	1,122	2,159	2,801	941	1,860	480	181	299	443	165	278
600.....	2,037	2,037	...	1,803	1,803	...	234	234	...	211	211	...
630-676.....	374	...	374	208	...	208	166	...	166	148	...	148
630-638.....	58	...	58	25	...	25	33	...	33	30	...	30
640-676.....	326	...	326	188	...	188	138	...	138	121	...	121
740-759.....	17,369	9,214	8,155	13,989	7,449	6,540	3,372	1,762	1,610	2,833	1,470	1,363
760-779.....	24,522	13,740	10,782	15,513	8,795	6,718	9,002	4,941	4,061	8,323	4,552	3,771
767-769.....	6,496	3,850	2,646	4,351	2,590	1,761	2,143	1,259	884	1,965	1,145	820

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	23,894	13,409	10,485	15,062	8,550	6,512	8,826	4,855	3,971	8,174	4,482	3,692
780-799.....	407,306	205,566	201,740	351,618	175,568	176,050	55,624	29,965	25,659	49,718	26,591	23,127
RESIDUAL.....	593,313	285,991	307,322	513,199	244,033	269,166	80,036	41,914	38,122	72,032	37,308	34,724
E800-E949.....	156,793	94,990	61,803	133,904	80,020	53,884	22,849	14,941	7,908	19,608	12,810	6,798
E810-E825.....	48,429	33,304	15,125	41,247	28,158	13,089	7,155	5,125	2,030	5,696	4,179	1,517
E800-E807, E826-E949.....	108,697	61,932	46,765	92,946	52,076	40,870	15,738	9,848	5,890	13,947	8,659	5,288
E950-E959.....	30,408	24,239	6,169	27,580	21,979	5,601	2,818	2,254	564	2,168	1,782	386
E960-E978.....	23,069	17,803	5,266	11,410	8,405	3,005	11,650	9,393	2,257	11,014	8,933	2,081
E980-E999.....	2,878	2,084	794	2,118	1,519	599	758	563	195	696	514	182
N800-N999.....	200,222	132,141	68,081	163,611	105,848	57,763	36,553	26,253	10,300	32,187	23,276	8,911
N800-N848.....	32,863	16,494	16,369	29,878	14,637	15,241	2,982	1,855	1,127	2,527	1,592	935
N850-N854.....	35,101	25,044	10,057	29,249	20,725	8,524	5,835	4,307	1,528	4,845	3,614	1,231
N860-N869.....	22,652	16,651	6,001	18,069	13,024	5,045	4,573	3,620	953	4,039	3,243	796
N870-N897.....	39,133	32,589	6,544	27,302	22,609	4,693	11,817	9,972	1,845	11,020	9,342	1,678

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904.....	4,418	3,314	1,104	3,267	2,360	907	1,149	953	196	1,055	882	173
N905-N909.....	2,977	1,795	1,182	2,596	1,518	1,078	380	276	104	325	243	82
N910-N929.....	1,617	1,127	490	1,390	969	421	227	158	69	190	136	54
N930-N939.....	14,789	7,913	6,876	12,407	6,546	5,861	2,382	1,367	1,015	2,143	1,218	925
N940-N949.....	3,974	2,589	1,385	2,861	1,924	937	1,112	665	447	1,021	607	414
N950-N957.....	1,894	1,367	527	1,431	1,001	430	463	366	97	420	342	78
N958-N959.....	32,245	22,094	10,151	26,326	17,766	8,560	5,905	4,318	1,587	4,899	3,642	1,257
N960-N995.....	36,709	25,561	11,148	29,001	20,239	8,762	7,698	5,314	2,384	6,720	4,633	2,087
N996-N999.....	25,341	13,869	11,472	22,152	12,250	9,902	3,184	1,617	1,567	2,860	1,426	1,434
*O42-*O44 ^{3/}	24,542	21,881	2,661	16,702	15,568	1,134	7,828	6,303	1,525	7,631	6,128	1,503

1/ INCLUDES BLACK

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

3/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES.....	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	296,298	163,147	133,151	267,642	146,393	121,249
004, 006.....	20	9	11	12	6	6	8	3	5	6	2	4
007-009.....	339	172	167	252	120	132	87	52	35	78	46	32
010-018.....	1,970	1,284	686	1,152	724	428	816	559	257	707	485	222
010-012.....	1,536	1,042	494	927	600	327	608	441	167	533	386	147
013-018.....	434	242	192	225	124	101	208	118	90	174	99	75
033.....	12	4	8	10	3	7	2	1	1	2	1	1
034-035.....	17	6	11	16	5	11	1	1	-	1	1	-
036.....	273	127	146	214	103	111	59	24	35	50	22	28
038.....	19,333	8,489	10,844	15,557	6,728	8,829	3,775	1,760	2,015	3,555	1,643	1,912
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	32	16	16	18	10	8	14	6	8	11	6	5
070.....	1,516	906	610	1,232	744	488	282	161	121	206	106	100
090-097.....	105	65	40	47	27	20	58	38	20	56	36	20
REM. 001-139 <u>2</u> /..	29,234	23,738	5,496	20,638	17,195	3,443	8,581	6,531	2,050	8,254	6,284	1,970

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208.....	496,152	263,309	232,843	434,156	228,301	205,855	61,939	34,979	26,960	55,564	31,452	24,112
140-149.....	8,104	5,340	2,764	6,693	4,293	2,400	1,411	1,047	364	1,251	939	312
150-159.....	119,663	63,209	56,454	102,769	53,895	48,874	16,879	9,305	7,574	14,698	7,988	6,710
160-165.....	142,281	92,914	49,367	125,274	80,821	44,453	16,997	12,086	4,911	15,528	11,116	4,412
174-175.....	43,138	301	42,837	38,253	265	37,988	4,880	36	4,844	4,438	35	4,403
179-187.....	54,952	31,141	23,811	46,572	26,027	20,545	8,372	5,111	3,261	7,762	4,840	2,922
188-189.....	20,233	12,976	7,257	18,307	11,850	6,457	1,924	1,125	799	1,741	1,009	732
170-173, 190-199.....	61,030	32,627	28,403	54,382	29,004	25,378	6,637	3,619	3,018	5,911	3,223	2,688
204-208.....	18,246	10,039	8,207	16,434	9,011	7,423	1,812	1,028	784	1,540	868	672
200-203.....	28,505	14,762	13,743	25,472	13,135	12,337	3,027	1,622	1,405	2,695	1,434	1,261
210-239.....	6,701	3,048	3,653	5,858	2,685	3,173	842	362	480	742	321	421
250.....	46,833	19,730	27,103	38,053	16,282	21,771	8,769	3,444	5,325	7,955	3,072	4,883
260-269.....	3,046	1,098	1,948	2,571	895	1,676	475	203	272	443	188	255
280-285.....	3,993	1,688	2,305	3,089	1,267	1,822	904	421	483	852	401	451
320-322.....	1,068	588	480	703	383	320	365	205	160	331	186	145

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-448.....	931,838	450,995	480,843	820,810	396,710	424,100	110,906	54,214	56,692	100,901	48,508	52,393
390-398, 402, 404-429.....	733,867	368,202	365,665	648,866	325,397	323,469	84,901	42,745	42,156	77,431	38,321	39,110
390-398.....	6,087	1,877	4,210	5,523	1,674	3,849	563	203	360	448	168	280
402.....	20,963	8,923	12,040	15,012	6,082	8,930	5,949	2,840	3,109	5,680	2,688	2,992
404.....	2,385	954	1,431	1,693	658	1,035	692	296	396	656	280	376
410-414.....	498,021	257,524	240,497	451,808	234,365	217,443	46,140	23,114	23,026	41,376	20,243	21,133
410.....	246,950	134,298	112,652	223,228	122,228	101,000	23,686	12,047	11,639	21,198	10,545	10,653
411.....	3,376	1,902	1,474	2,843	1,608	1,235	533	294	239	496	271	225
413.....	1,066	474	592	958	424	534	107	50	57	96	44	52
412, 414...	246,629	120,850	125,779	224,779	110,105	114,674	21,814	10,723	11,091	19,586	9,383	10,203
424.....	12,185	5,300	6,885	11,206	4,833	6,373	978	466	512	860	402	458
415-423, 425-429.....	194,226	93,624	100,602	163,624	77,785	85,839	30,579	15,826	14,753	28,411	14,540	13,871
401, 403.....	8,766	3,771	4,995	6,649	2,819	3,830	2,114	949	1,165	1,997	892	1,105
430-438.....	145,551	57,321	88,230	125,516	48,563	76,953	20,020	8,753	11,267	17,979	7,739	10,240

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	20,679	9,471	11,208	16,818	7,485	9,333	3,858	1,984	1,874	3,324	1,712	1,612
434.0, 434.9.	19,799	7,656	12,143	17,495	6,673	10,822	2,303	983	1,320	2,109	982	1,227
434.1.....	681	257	424	615	221	394	66	36	30	57	29	28
430, 433, 435-438.....	104,392	39,937	64,455	90,588	34,184	56,404	13,793	5,750	8,043	12,489	5,116	7,373
440.....	19,357	7,254	12,103	17,791	6,652	11,139	1,566	602	964	1,436	547	889
441-448.....	24,297	14,447	9,850	21,988	13,279	8,709	2,305	1,165	1,140	2,058	1,009	1,049
466.....	633	288	345	544	241	303	89	47	42	79	39	40
480-487.....	76,550	35,701	40,849	67,853	30,892	36,961	8,693	4,806	3,887	7,585	4,168	3,417
480-486.....	74,957	35,151	39,806	66,344	30,379	35,965	8,609	4,769	3,840	7,521	4,141	3,380
487.....	1,593	550	1,043	1,509	513	996	84	37	47	64	27	37
490-496.....	84,344	48,178	36,166	77,881	44,046	33,835	6,457	4,127	2,330	5,671	3,593	2,078
490-491.....	3,759	1,956	1,803	3,522	1,823	1,699	236	132	104	207	113	94
492.....	15,467	9,294	6,173	14,590	8,665	5,925	877	629	248	765	547	218
493.....	4,869	1,848	3,021	3,761	1,352	2,409	1,108	496	612	984	434	550
494-496.....	60,249	35,080	25,169	56,008	32,206	23,802	4,236	2,870	1,366	3,715	2,499	1,216

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
531-533.....	6,455	3,145	3,310	5,664	2,701	2,963	791	444	347	665	362	303
540-543.....	451	237	214	354	185	169	97	52	45	89	47	42
550-553, 560.....	5,530	2,047	3,483	4,791	1,711	3,080	739	336	403	683	315	368
571.....	26,694	17,310	9,384	22,211	14,414	7,797	4,477	2,892	1,585	3,851	2,517	1,334
574-575.....	3,048	1,336	1,712	2,738	1,210	1,528	310	126	184	255	102	153
580-589.....	21,118	10,320	10,798	16,607	8,093	8,514	4,507	2,224	2,283	4,166	2,047	2,119
580-581.....	310	160	150	241	126	115	69	34	35	66	33	33
582-583, 587....	1,517	733	784	1,201	590	611	315	142	173	295	137	158
584-586, 588-589.....	19,291	9,427	9,864	15,165	7,377	7,788	4,123	2,048	2,075	3,805	1,877	1,928
590.....	1,414	435	979	1,203	358	845	211	77	134	194	68	126
600.....	449	449	...	375	375	...	74	74	...	70	70	...
630-676.....	320	...	320	180	...	180	140	...	140	124	...	124
630-638.....	50	...	50	21	...	21	29	...	29	26	...	26
640-676.....	270	...	270	159	...	159	111	...	111	98	...	98
740-759.....	12,897	6,812	6,085	10,291	5,444	4,847	2,599	1,365	1,234	2,179	1,143	1,036

SEE FOOTNOTES AT END OF TABLE

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

(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.....	18,752	10,511	8,241	11,306	6,426	4,880	7,439	4,081	3,358	6,965	3,813	3,152
767-769.....	4,631	2,803	1,828	3,037	1,844	1,193	1,592	958	634	1,467	877	590
760-766, 770- 779.....	14,121	7,708	6,413	8,269	4,582	3,687	5,847	3,123	2,724	5,498	2,936	2,562
780-799.....	26,988	15,205	11,783	20,597	11,361	9,236	6,385	3,842	2,543	5,835	3,496	2,339
RESIDUAL.....	170,668	78,962	91,706	146,378	66,663	79,715	24,266	12,289	11,977	22,180	11,123	11,057
E800-E949.....	95,028	63,912	31,116	79,139	52,691	26,448	15,858	11,197	4,661	13,404	9,503	3,901
E810-E825.....	47,575	32,704	14,871	40,491	27,621	12,870	7,057	5,062	1,995	5,611	4,120	1,491
E800-E807, E826-E949.....	47,453	31,208	16,245	38,648	25,070	13,578	8,801	6,135	2,666	7,793	5,383	2,410
E950-E959.....	30,232	24,102	6,130	27,424	21,858	5,566	2,798	2,238	560	2,153	1,771	382
E960-E978.....	22,909	17,686	5,223	11,308	8,337	2,971	11,592	9,344	2,248	10,962	8,888	2,074
E980-E999.....	2,700	1,956	744	1,973	1,414	559	725	540	185	664	492	172
*O42-*O44 ^{3/}	22,082	19,758	2,324	15,095	14,114	981	6,977	5,635	1,342	6,795	5,475	1,320

1/ INCLUDES BLACK

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

3/ INCLUDED IN REM. 001-139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

(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.....	12	10	2	11	9	2	1	1	-	1	1	-
007-009.....	298	151	147	251	124	127	47	27	20	45	26	19
010-018.....	2,440	1,612	828	1,575	994	581	865	618	247	756	555	201
010-012.....	1,990	1,401	589	1,272	867	405	718	534	184	629	480	149
013-018.....	500	245	255	330	146	184	170	99	71	146	87	59
033.....	3	1	2	2	-	2	1	1	-	-	-	-
034-035.....	14	5	9	10	2	8	4	3	1	3	2	1
036.....	18	9	9	18	9	9	-	-	-	-	-	-
038.....	86,890	41,478	45,412	71,044	33,643	37,401	15,846	7,835	8,011	14,664	7,172	7,492
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	11	6	5	7	5	2	4	1	3	3	-	3
070.....	710	498	212	527	365	162	183	133	50	113	79	34
090-097.....	242	148	94	129	76	53	113	72	41	109	69	40
REM. 001 - 139 ^{2/} ...	8,683	5,275	3,408	6,805	4,077	2,728	1,878	1,198	680	1,704	1,095	609
140-208.....	63,993	36,451	27,542	57,449	32,638	24,811	6,544	3,813	2,731	5,899	3,389	2,510

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

(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.....	1,799	1,170	629	1,576	998	578	223	172	51	201	155	46
150-159.....	15,444	8,312	7,132	13,729	7,365	6,364	1,715	947	768	1,516	817	699
160-165.....	13,716	9,481	4,235	12,313	8,457	3,856	1,403	1,024	379	1,277	925	352
174-175.....	8,395	79	8,316	7,661	69	7,592	734	10	724	689	9	680
179-187.....	13,754	10,734	3,020	12,085	9,444	2,641	1,669	1,290	379	1,544	1,195	349
188-189.....	5,112	3,627	1,485	4,759	3,387	1,372	353	240	113	304	202	102
170-173, 190-199..	127,180	65,622	61,558	111,408	56,923	54,485	15,772	8,699	7,073	14,317	7,923	6,394
204-208.....	4,480	2,594	1,886	4,125	2,384	1,741	355	210	145	307	180	127
200-203.....	6,278	3,496	2,782	5,645	3,160	2,485	633	336	297	577	303	274
210-239.....	5,897	2,716	3,181	5,233	2,426	2,807	664	290	374	582	248	334
250.....	114,015	51,652	62,363	97,042	44,763	52,279	16,973	6,889	10,084	15,071	5,926	9,145
260-269.....	27,871	13,310	14,561	23,784	10,998	12,786	4,087	2,312	1,775	3,731	2,115	1,616
280-285.....	36,648	16,648	20,000	30,346	13,621	16,725	6,302	3,027	3,275	5,788	2,762	3,026
320-322.....	1,810	997	813	1,352	714	638	458	283	175	425	264	161
390-448.....	403,984	204,179	199,805	344,118	172,869	171,249	59,866	31,310	28,556	54,077	28,029	26,048

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE B

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

(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.....	421,832	209,998	211,834	360,074	178,295	181,779	61,758	31,703	30,055	55,709	28,305	27,404
390-398.....	4,632	1,710	2,922	4,248	1,564	2,684	384	146	238	321	118	203
402.....	17,921	8,056	9,865	14,113	6,296	7,817	3,808	1,760	2,048	3,614	1,641	1,973
404.....	1,473	654	819	1,090	479	611	383	175	208	361	165	196
410-414.....	111,387	57,099	54,288	100,558	51,790	48,768	10,829	5,309	5,520	9,686	4,645	5,041
410.....	31,685	16,699	14,986	27,522	14,678	12,844	4,163	2,021	2,142	3,757	1,803	1,954
411.....	4,647	2,615	2,032	4,149	2,315	1,834	498	300	198	447	264	183
413.....	5,043	2,387	2,656	4,654	2,210	2,444	389	177	212	346	147	199
412, 414.....	197,129	104,860	92,269	180,749	96,647	84,102	16,380	8,213	8,167	14,434	7,040	7,394
424.....	14,747	6,959	7,788	13,539	6,385	7,154	1,208	574	634	1,052	493	559
415-423, 425- 429.....	660,143	325,642	334,501	576,647	283,856	292,791	83,496	41,786	41,710	74,800	36,858	37,942
401, 403.....	99,712	42,217	57,495	81,067	34,056	47,011	18,645	8,161	10,484	17,011	7,320	9,691
430-438.....	113,551	49,207	64,344	98,035	42,217	55,818	15,516	6,990	8,526	14,047	6,230	7,817
431-432.....	8,998	4,476	4,522	7,393	3,634	3,759	1,605	842	763	1,408	736	672

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1</u> /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.0, 434.9....	12,329	5,340	6,989	10,639	4,580	6,059	1,690	760	930	1,535	688	847
434.1.....	1,657	667	990	1,517	598	919	140	69	71	119	62	57
430, 433, 435- 438.....	99,857	42,267	57,590	86,741	36,520	50,221	13,116	5,747	7,369	11,872	5,096	6,776
440.....	76,600	33,104	43,496	69,654	30,128	39,526	6,946	2,976	3,970	6,252	2,588	3,664
441-448.....	22,634	12,159	10,475	20,234	10,943	9,291	2,400	1,216	1,184	2,190	1,088	1,102
466.....	1,711	804	907	1,596	743	853	115	61	54	93	47	46
480-487.....	129,294	69,804	59,490	115,036	61,412	53,624	14,258	8,392	5,866	12,516	7,299	5,217
480-486.....	128,630	69,525	59,105	114,431	61,162	53,269	14,199	8,363	5,836	12,471	7,278	5,193
487.....	665	279	386	606	250	356	59	29	30	45	21	24
490-496.....	112,370	70,366	42,004	103,828	64,632	39,196	8,542	5,734	2,808	7,611	5,095	2,516
490-491.....	4,879	2,523	2,356	4,508	2,320	2,188	371	203	168	321	169	152
492.....	17,586	11,815	5,771	16,375	10,895	5,480	1,211	920	291	1,091	832	259
493.....	5,680	2,253	3,427	4,719	1,846	2,873	961	407	554	842	340	502
494-496.....	85,451	54,404	31,047	79,316	50,121	29,195	6,135	4,283	1,852	5,470	3,819	1,651
531-533.....	10,680	5,720	4,960	9,471	5,053	4,418	1,209	667	542	1,022	552	470

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	455	226	229	399	196	203	56	30	26	50	29	21
550-553, 560.....	13,432	5,223	8,209	11,880	4,505	7,375	1,552	718	834	1,398	648	750
571.....	14,080	9,332	4,748	11,822	7,818	4,004	2,258	1,514	744	1,912	1,294	618
574-575.....	4,683	2,081	2,602	4,150	1,852	2,298	533	229	304	450	191	259
580-589.....	95,870	51,167	44,703	80,019	43,000	37,019	15,851	8,167	7,684	14,249	7,281	6,968
580-581.....	860	460	400	706	389	317	154	71	83	135	61	74
582-583, 587.....	3,124	1,774	1,350	2,506	1,422	1,084	618	352	266	573	324	249
584-586, 588-589..	93,328	49,670	43,658	78,009	41,813	36,196	15,319	7,857	7,462	13,754	6,999	6,755
590.....	1,870	689	1,181	1,600	584	1,016	270	105	165	250	98	152
600.....	1,588	1,588	...	1,428	1,428	...	160	160	...	141	141	...
630-676.....	54	...	54	28	...	28	26	...	26	24	...	24
630-638.....	8	...	8	4	...	4	4	...	4	4	...	4
640-676.....	56	...	56	29	...	29	27	...	27	23	...	23
740-759.....	4,485	2,412	2,073	3,711	2,015	1,696	774	397	377	654	327	327
760-779.....	5,773	3,232	2,541	4,209	2,371	1,838	1,564	861	703	1,359	740	619

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
767-769.....	1,868	1,049	819	1,316	747	569	552	302	250	499	269	230
760-766, 770-779..	9,774	5,702	4,072	6,794	3,969	2,825	2,980	1,733	1,247	2,676	1,546	1,130
780-799.....	380,319	190,361	189,958	331,022	164,207	166,815	49,297	26,154	23,143	43,883	23,095	20,788
RESIDUAL.....	424,417	207,860	216,557	368,262	178,046	190,216	56,155	29,814	26,341	50,151	26,325	23,826
E800-E949.....	61,769	31,080	30,689	54,769	27,331	27,438	7,000	3,749	3,251	6,204	3,307	2,897
E810-E815.....	854	600	254	756	537	219	98	63	35	85	59	26
E800-E807, E816- E949.....	61,248	30,726	30,522	54,302	27,008	27,294	6,946	3,718	3,228	6,154	3,276	2,878
E950-E959.....	176	137	39	156	121	35	20	16	4	15	11	4
E960-E978.....	161	118	43	103	69	34	58	49	9	52	45	7
E980-E999.....	178	128	50	145	105	40	33	23	10	32	22	10
N800-N999.....	200,222	132,141	68,081	163,611	105,848	57,763	36,611	26,293	10,318	32,187	23,276	8,911
N800-N848.....	32,863	16,494	16,369	29,878	14,637	15,241	2,985	1,857	1,128	2,527	1,592	935
N850-N854.....	35,101	25,044	10,057	29,249	20,725	8,524	5,852	4,319	1,533	4,845	3,614	1,231
N860-N869.....	22,652	16,651	6,001	18,069	13,024	5,045	4,583	3,627	956	4,039	3,243	796
N870-N897.....	39,133	32,589	6,544	27,302	22,609	4,693	11,831	9,980	1,851	11,020	9,342	1,678

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904	4,418	3,314	1,104	3,267	2,360	907	1,151	954	197	1,055	882	173
N905-N909	2,977	1,795	1,182	2,596	1,518	1,078	381	277	104	325	243	82
N910-N929	1,617	1,127	490	1,390	969	421	227	158	69	190	136	54
N930-N939	14,789	7,913	6,876	12,407	6,546	5,861	2,382	1,367	1,015	2,143	1,218	925
N940-N949	3,974	2,589	1,385	2,861	1,924	937	1,113	665	448	1,021	607	414
N950-N957	1,894	1,367	527	1,431	1,001	430	463	366	97	420	342	78
N958-N959	32,245	22,094	10,151	26,326	17,766	8,560	5,919	4,328	1,591	4,899	3,642	1,257
N960-N995	36,709	25,561	11,148	29,001	20,239	8,762	7,708	5,322	2,386	6,720	4,633	2,087
N996-N999	25,341	13,869	11,472	22,152	12,250	9,902	3,189	1,619	1,570	2,860	1,426	1,434
*042-*044 <u>3/</u>	2,512	2,166	346	1,642	1,482	160	870	684	186	853	668	185

1/ INCLUDES BLACK

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

3/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	32	19	13	23	15	8	9	4	5	7	3	4
007-009.....	813	479	334	641	374	267	172	105	67	160	97	63
010-018.....	4,695	3,139	1,556	2,867	1,850	1,017	1,824	1,287	537	1,607	1,150	457
010-012.....	3,753	2,630	1,123	2,316	1,571	745	1,435	1,058	377	1,267	946	321
013-018.....	995	547	448	578	300	278	415	246	169	361	218	143
033.....	15	5	10	12	3	9	3	2	1	2	1	1
034-035.....	31	11	20	26	7	19	5	4	1	4	3	1
036.....	291	136	155	232	112	120	59	24	35	50	22	28
038.....	107,827	51,220	56,607	87,647	41,195	46,452	20,159	10,012	10,147	18,749	9,222	9,527
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	43	22	21	25	15	10	18	7	11	14	6	8
070.....	2,226	1,404	822	1,759	1,109	650	465	294	171	319	185	134
090-097.....	347	213	134	176	103	73	171	110	61	165	105	60
REM. 001-139 ^{2/} ...	38,518	29,281	9,237	27,947	21,503	6,444	10,551	7,764	2,787	10,045	7,412	2,633
140-208.....	562,459	302,038	260,421	493,651	262,961	230,690	68,749	39,046	29,703	61,708	35,074	26,634

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	9,903	6,510	3,393	8,269	5,291	2,978	1,634	1,219	415	1,452	1,094	358
150-159.....	135,107	71,521	63,586	116,498	61,260	55,238	18,594	10,252	8,342	16,214	8,805	7,409
160-165.....	155,997	102,395	53,602	137,587	89,278	48,309	18,398	13,108	5,290	16,805	12,041	4,764
174-175.....	51,533	380	51,153	45,914	334	45,580	5,614	46	5,568	5,127	44	5,083
179-187.....	68,705	41,875	26,830	58,656	35,471	23,185	10,041	6,401	3,640	9,306	6,035	3,271
188-189.....	25,344	16,602	8,742	23,065	15,236	7,829	2,277	1,365	912	2,045	1,211	834
170-173, 190- 199.....	190,394	100,197	90,197	167,712	87,644	80,068	22,658	12,545	10,113	20,471	11,358	9,113
204-208.....	22,724	12,632	10,092	20,557	11,394	9,163	2,166	1,237	929	1,847	1,048	799
200-203.....	35,479	18,931	16,548	31,726	16,890	14,836	3,747	2,036	1,711	3,354	1,810	1,544
210-239.....	12,835	5,893	6,942	11,300	5,226	6,074	1,533	666	867	1,350	581	769
250.....	160,848	71,382	89,466	135,095	61,045	74,050	25,723	10,320	15,403	23,026	8,998	14,028
260-269.....	31,716	14,839	16,877	26,998	12,238	14,760	4,716	2,599	2,117	4,317	2,381	1,936
280-285.....	40,700	18,368	22,332	33,479	14,910	18,569	7,212	3,453	3,759	6,653	3,172	3,481
320-322.....	2,900	1,598	1,302	2,072	1,106	966	827	492	335	761	454	307
390-448.....	1,337,025	655,773	681,252	1,165,940	570,078	595,862	170,903	85,592	85,311	155,147	76,626	78,521

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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	1,155,984	578,346	577,638	1,009,171	503,803	505,368	146,650	74,454	72,196	133,189	66,658	66,531
390-398	10,720	3,587	7,133	9,772	3,238	6,534	946	349	597	769	286	483
402	35,193	15,729	19,464	26,128	11,383	14,745	9,060	4,342	4,718	8,621	4,088	4,533
404	499	187	312	438	160	278	61	27	34	60	26	34
410-414	609,408	314,623	294,785	552,366	286,155	266,211	56,956	28,416	28,540	51,062	24,888	26,174
410	278,633	150,996	127,637	250,749	136,906	113,843	27,842	14,063	13,779	24,954	12,347	12,607
411	8,023	4,517	3,506	6,992	3,923	3,069	1,030	593	437	943	535	408
413	6,109	2,861	3,248	5,612	2,634	2,978	495	226	269	442	191	251
412, 414	443,759	225,711	218,048	405,528	206,752	198,776	38,172	18,925	19,247	34,021	16,424	17,597
424	26,972	12,272	14,700	24,777	11,230	13,547	2,193	1,041	1,152	1,920	896	1,024
415-423, 425- 429	859,899	421,508	438,391	744,770	363,436	381,334	115,001	58,009	56,992	104,184	51,817	52,367
401, 403	117,766	49,572	68,194	94,725	39,488	55,237	23,025	10,076	12,949	21,186	9,133	12,053
430-438	259,155	106,541	152,614	223,609	90,794	132,815	35,518	15,734	19,784	32,019	13,968	18,051
431-432	30,475	14,240	16,235	24,881	11,378	13,503	5,588	2,859	2,729	4,842	2,477	2,365

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.	32,400	13,099	19,301	28,384	11,343	17,041	4,014	1,755	2,259	3,663	1,581	2,082
434.1.....	2,338	924	1,414	2,132	819	1,313	206	105	101	176	91	85
430,433, 435-438.....	209,937	84,595	125,342	182,317	72,765	109,552	27,599	11,821	15,778	24,979	10,501	14,478
440.....	105,462	44,421	61,041	96,290	40,582	55,708	9,157	3,230	5,327	8,253	3,350	4,903
441-448.....	52,484	29,459	23,025	46,895	26,719	20,176	5,582	2,735	2,847	5,055	2,421	2,634
466.....	2,628	1,229	1,399	2,408	1,113	1,295	220	116	104	185	92	93
480-487.....	210,111	108,598	101,513	186,180	94,652	91,528	23,902	13,924	9,978	21,023	12,180	8,843
480-486.....	208,590	108,047	100,543	184,755	94,145	90,610	23,806	13,880	9,926	20,948	12,146	8,802
487.....	2,258	829	1,429	2,115	763	1,352	143	66	77	109	48	61
490-496.....	196,810	118,589	78,221	181,794	108,716	73,078	14,998	9,860	5,138	13,286	8,690	4,596
490-491.....	8,687	4,496	4,191	8,076	4,159	3,917	610	336	274	530	283	247
492.....	34,702	22,104	12,598	32,532	20,501	12,031	2,168	1,601	567	1,931	1,428	503
493.....	10,675	4,173	6,502	8,584	3,256	5,328	2,089	917	1,172	1,843	783	1,060
494-496.....	153,001	93,573	59,428	142,056	86,052	56,004	10,930	7,510	3,420	9,679	6,634	3,045
531-533.....	17,144	8,871	8,273	15,144	7,760	7,384	1,996	1,109	887	1,687	914	773

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ¹ / ₂			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	906	463	443	753	381	372	152	82	70	139	76	63
550-553, 560.....	18,962	7,270	11,692	16,671	6,216	10,455	2,291	1,054	1,237	2,081	963	1,118
571.....	40,451	26,404	14,047	33,798	22,052	11,746	6,643	4,346	2,297	5,684	3,759	1,925
574-575.....	7,734	3,419	4,315	6,891	3,064	3,827	841	354	487	705	293	412
580-589.....	131,184	67,868	63,316	107,109	55,874	51,235	24,054	11,982	12,072	21,855	10,791	11,064
580-581.....	1,302	660	642	1,044	545	499	258	115	143	233	102	131
582-583, 587...	5,720	3,014	2,706	4,553	2,427	2,126	1,166	586	580	1,069	539	530
584-586, 588-589.....	126,103	65,164	60,939	103,113	53,714	49,399	22,969	11,438	11,531	20,854	10,291	10,563
590.....	3,434	1,185	2,249	2,935	996	1,939	499	189	310	461	172	289
600.....	2,037	2,037	...	1,803	1,803	...	234	234	...	211	211	...
630-676.....	374	...	374	208	...	208	166	...	166	148	...	148
630-638.....	59	...	59	26	...	26	33	...	33	30	...	30
640-676.....	326	...	326	188	...	188	138	...	138	121	...	121
740-759.....	17,456	9,257	8,199	14,063	7,487	6,576	3,385	1,767	1,618	2,841	1,474	1,367
760-779.....	24,553	13,756	10,797	15,539	8,809	6,730	9,007	4,943	4,064	8,328	4,554	3,774

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	6,527	3,867	2,660	4,372	2,603	1,769	2,153	1,263	890	1,975	1,149	826
760-766, 770-779.....	23,908	13,415	10,493	15,073	8,554	6,519	8,829	4,857	3,972	8,176	4,483	3,693
780-799.....	412,186	207,568	204,618	355,664	177,257	178,407	56,458	30,278	26,180	50,468	26,871	23,597
RESIDUAL.....	620,771	299,960	320,811	535,772	255,441	280,331	84,917	44,474	40,443	76,404	39,598	36,806
E800-E949.....	156,796	94,990	61,806	133,907	80,020	53,887	22,849	14,941	7,908	19,608	12,810	6,798
EB10-E825.....	48,429	33,304	15,125	41,247	28,158	13,089	7,155	5,125	2,030	5,696	4,179	1,517
E800-E807, EB26-E949...	108,700	61,932	46,768	92,949	52,076	40,873	15,738	9,848	5,890	13,947	8,659	5,288
E950-E959.....	30,408	24,239	6,169	27,580	21,979	5,601	2,818	2,254	564	2,168	1,782	386
E960-E978.....	23,069	17,803	5,266	11,410	8,405	3,005	11,650	9,393	2,257	11,014	8,933	2,081
E980-E999.....	2,878	2,084	794	2,118	1,519	599	758	563	195	696	514	182
N800-N999.....	200,222	132,141	68,081	163,611	105,848	57,763	36,553	26,253	10,300	32,187	23,276	8,911
N800-N848.....	32,863	16,494	16,369	29,878	14,637	15,241	2,982	1,855	1,127	2,527	1,592	935
N850-N854.....	35,101	25,044	10,057	29,249	20,725	8,524	5,835	4,307	1,528	4,845	3,614	1,231
N860-N869.....	22,652	16,651	6,001	18,069	13,024	5,045	4,573	3,620	953	4,039	3,243	796

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1989

(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.....	39,133	32,589	6,544	27,302	22,609	4,693	11,817	9,972	1,845	11,020	9,342	1,678
N900-N904.....	4,418	3,314	1,104	3,267	2,360	907	1,149	953	196	1,055	882	173
N905-N909.....	2,977	1,795	1,182	2,596	1,518	1,078	380	276	104	325	243	82
N910-N929.....	1,617	1,127	490	1,390	969	421	227	158	69	190	136	54
N930-N939.....	14,789	7,913	6,876	12,407	6,546	5,861	2,382	1,367	1,015	2,143	1,218	925
N940-N949.....	3,974	2,589	1,385	2,861	1,924	937	1,112	665	447	1,021	607	414
N950-N957.....	1,894	1,367	527	1,431	1,001	430	463	366	97	420	342	78
N958-N959.....	32,245	22,094	10,151	26,326	17,766	8,560	5,905	4,318	1,587	4,899	3,642	1,257
N960-N995.....	36,709	25,561	11,148	29,001	20,239	8,762	7,698	5,314	2,384	6,720	4,633	2,087
N996-N999.....	25,341	13,869	11,472	22,152	12,250	9,902	3,184	1,617	1,567	2,860	1,426	1,434
*042-*044 ^{3/}	24,547	21,885	2,662	16,705	15,571	1,134	7,830	6,304	1,526	7,633	6,129	1,504

^{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 10

NUMBER OF RESIDENT DEATHS TABULATED BY
5-YEAR AGE, RACE, AND SEX: UNITED STATES, 1989

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	296,298	163,147	133,151	267,642	146,393	121,249
UNDER 1 YR.....	39,655	22,361	17,294	25,794	14,760	11,034	13,847	7,596	6,251	12,527	6,842	5,685
01-04 YR.....	7,292	4,110	3,182	5,133	2,910	2,223	2,153	1,196	957	1,830	1,021	809
05-09 YR.....	4,313	2,510	1,803	3,187	1,864	1,323	1,125	646	479	953	559	394
10-14 YR.....	4,601	2,914	1,687	3,467	2,211	1,256	1,132	701	431	967	603	364
15-19 YR.....	15,570	11,263	4,307	11,945	8,450	3,495	3,617	2,806	811	3,120	2,456	664
20-24 YR.....	20,918	15,902	5,016	15,232	11,560	3,672	5,674	4,334	1,340	5,037	3,846	1,191
25-29 YR.....	26,930	19,932	6,998	19,514	14,640	4,874	7,401	5,284	2,117	6,685	4,772	1,913
30-34 YR.....	33,594	24,222	9,372	23,876	17,498	6,378	9,705	6,714	2,991	8,947	6,203	2,744
35-39 YR.....	37,862	26,742	11,120	26,885	19,234	7,651	10,960	7,495	3,465	10,050	6,938	3,112
40-44 YR.....	43,057	28,586	14,471	32,046	21,376	10,670	10,995	7,198	3,797	10,025	6,583	3,442
45-49 YR.....	50,857	32,718	18,139	38,963	25,166	13,797	11,884	7,544	4,340	10,781	6,857	3,924
50-54 YR.....	67,409	42,105	25,304	52,670	32,966	19,704	14,717	9,129	5,588	13,329	8,317	5,012
55-59 YR.....	101,474	62,981	38,493	82,414	51,499	30,915	19,042	11,467	7,575	17,258	10,446	6,812
60-64 YR.....	158,584	96,628	61,956	133,021	81,919	51,102	25,536	14,693	10,843	23,262	13,340	9,922
65-69 YR.....	219,097	129,847	89,250	187,834	112,194	75,640	31,238	17,640	13,598	28,452	16,031	12,421
70-74 YR.....	262,127	148,559	113,568	230,704	131,599	99,105	31,384	16,943	14,441	28,507	15,209	13,298
75-79 YR.....	301,225	157,090	144,135	268,221	140,663	127,558	32,978	16,414	16,564	29,815	14,555	15,260
80-84 YR.....	297,981	135,580	162,401	270,882	123,249	147,633	27,071	12,318	14,753	24,205	10,644	13,561
85 AND OVER.....	457,358	149,735	307,623	421,669	136,813	284,856	35,661	12,905	22,756	31,725	11,056	20,669
NOT STATED.....	562	405	157	384	281	103	178	124	54	167	115	52

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1989

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
UNITED STATES.....	2,150,466	1,114,190	1,036,276	1,853,841	950,852	902,989	296,298	163,147	133,151	267,642	146,393	121,249
ALABAMA.....	39,006	20,497	18,509	28,528	14,973	13,555	10,478	5,524	4,954	10,441	5,502	4,939
ALASKA.....	2,095	1,329	766	1,445	918	527	650	411	239	55	30	25
ARIZONA.....	28,212	15,528	12,684	26,203	14,342	11,861	2,008	1,185	823	761	437	324
ARKANSAS.....	24,647	13,113	11,534	20,553	10,918	9,635	4,094	2,195	1,899	4,052	2,174	1,878
CALIFORNIA.....	216,619	113,434	103,185	189,464	98,002	91,462	27,089	15,391	11,698	17,713	9,899	7,814
COLORADO.....	21,144	11,094	10,050	20,202	10,575	9,627	941	518	423	745	416	329
CONNECTICUT.....	28,243	14,190	14,053	26,251	13,023	13,228	1,946	1,141	805	1,887	1,105	782
DELAWARE.....	5,843	2,968	2,875	4,840	2,420	2,420	1,002	548	454	984	537	447
DISTRICT OF COLUMBIA.....	7,649	4,238	3,411	1,750	875	875	5,892	3,358	2,534	5,869	3,347	2,522
FLORIDA.....	132,765	72,162	60,603	117,737	63,705	54,032	15,014	8,450	6,564	14,708	8,261	6,447
GEORGIA.....	52,258	27,455	24,803	37,225	19,449	17,776	15,031	8,004	7,027	14,899	7,932	6,967
HAWAII.....	6,502	3,800	2,702	2,011	1,163	848	4,491	2,637	1,854	41	28	13
IDAHO.....	7,468	4,074	3,394	7,356	4,005	3,351	112	69	43	6	5	1
ILLINOIS.....	103,366	52,658	50,708	86,835	43,504	43,331	16,524	9,149	7,375	15,966	8,831	7,135
INDIANA.....	49,094	24,785	24,309	45,164	22,706	22,458	3,928	2,079	1,849	3,870	2,047	1,823
IOWA.....	27,195	13,413	13,782	26,820	13,222	13,598	375	191	184	308	159	149
KANSAS.....	22,287	11,004	11,283	21,050	10,359	10,691	1,236	644	592	1,070	553	517
KENTUCKY.....	35,398	18,454	16,944	32,751	17,043	15,708	2,646	1,411	1,235	2,596	1,388	1,208
LOUISIANA.....	37,665	19,677	17,988	25,397	13,184	12,213	12,256	6,486	5,770	12,144	6,424	5,720
MAINE.....	11,185	5,675	5,510	11,146	5,655	5,491	39	20	19	5	3	2
MARYLAND.....	38,353	19,758	18,595	28,853	14,353	14,500	9,493	5,400	4,093	9,218	5,237	3,981
MASSACHUSETTS.....	53,922	26,167	27,755	51,716	24,937	26,779	2,198	1,226	972	1,915	1,067	848

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1989 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MICHIGAN.....	78,861	40,756	38,105	66,358	33,809	32,549	12,501	6,945	5,556	11,975	6,647	5,328
MINNESOTA.....	34,307	17,489	16,818	33,474	17,017	16,457	833	472	361	445	263	182
MISSISSIPPI.....	25,386	13,446	11,940	16,449	8,756	7,693	8,935	4,688	4,247	8,847	4,642	4,205
MISSOURI.....	50,426	25,563	24,863	44,910	22,634	22,276	5,489	2,909	2,580	5,318	2,820	2,498
MONTANA.....	6,755	3,671	3,084	6,431	3,471	2,960	324	200	124	12	7	5
NEBRASKA.....	14,800	7,472	7,328	14,292	7,201	7,091	506	270	236	378	198	180
NEVADA.....	8,649	5,031	3,618	7,941	4,618	3,323	702	411	291	518	302	216
NEW HAMPSHIRE.....	8,472	4,243	4,229	8,444	4,227	4,217	28	16	12	19	12	7
NEW JERSEY.....	71,455	35,906	35,549	61,917	30,556	31,361	9,496	5,325	4,171	9,112	5,107	4,005
NEW MEXICO.....	10,572	5,844	4,728	9,616	5,268	4,348	954	575	379	191	102	89
NEW YORK.....	171,679	87,182	84,497	144,701	72,072	72,629	26,946	15,095	11,851	25,195	14,019	11,176
NORTH CAROLINA.....	57,477	30,333	27,144	43,263	22,576	20,687	14,210	7,756	6,454	13,695	7,455	6,240
NORTH DAKOTA.....	5,510	2,994	2,516	5,346	2,891	2,455	164	103	61	6	5	1
OHIO.....	98,375	49,559	48,816	87,717	43,787	43,930	10,655	5,771	4,884	10,453	5,662	4,791
OKLAHOMA.....	29,816	15,358	14,458	26,637	13,645	12,992	3,179	1,713	1,466	2,026	1,064	962
OREGON.....	24,918	13,009	11,909	24,187	12,597	11,590	726	410	316	354	211	143
PENNSYLVANIA.....	123,711	62,276	61,435	111,275	55,593	55,682	12,430	6,680	5,750	12,082	6,467	5,615
RHODE ISLAND.....	9,557	4,723	4,834	9,206	4,512	4,694	351	211	140	288	172	116
SOUTH CAROLINA.....	29,618	15,840	13,778	20,060	10,677	9,383	9,558	5,163	4,395	9,497	5,131	4,366
SOUTH DAKOTA.....	6,549	3,485	3,064	6,107	3,225	2,882	442	260	182	5	3	2
TENNESSEE.....	45,452	24,041	21,411	37,652	19,887	17,765	7,800	4,154	3,646	7,736	4,122	3,614
TEXAS.....	124,878	66,670	58,208	107,501	57,052	50,449	17,370	9,614	7,756	16,773	9,258	7,515
UTAH.....	9,239	4,812	4,427	8,972	4,669	4,303	266	143	123	83	43	40
VERMONT.....	4,586	2,361	2,225	4,578	2,356	2,222	8	5	3	6	4	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 11

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1989 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VIRGINIA.....	47,172	24,457	22,715	36,451	18,667	17,784	10,712	5,784	4,928	10,466	5,643	4,823
WASHINGTON.....	36,163	18,658	17,505	34,310	17,544	16,766	1,853	1,114	739	862	531	331
WEST VIRGINIA.....	19,558	10,272	9,286	18,773	9,862	8,911	785	410	375	771	405	366
WISCONSIN.....	42,355	21,529	20,826	40,801	20,655	20,146	1,553	873	680	1,265	708	557
WYOMING.....	3,254	1,737	1,517	3,175	1,697	1,478	79	40	39	11	8	3

^{1/} INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1989

(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.....	2,150,466	197,780	182,374	192,680	174,682	175,422	165,174	169,048	168,135	165,225	178,722	175,827	205,397
ALABAMA.....	38,727	3,393	3,241	3,369	3,084	3,151	3,024	3,036	3,120	2,999	3,225	3,146	3,939
ALASKA.....	2,065	168	166	163	155	163	186	194	201	183	155	165	166
ARIZONA.....	28,793	2,927	2,621	2,708	2,346	2,311	2,100	2,183	2,075	2,137	2,284	2,392	2,709
ARKANSAS.....	24,386	2,097	2,088	2,228	2,017	1,963	1,834	1,901	1,943	1,884	2,049	2,082	2,300
CALIFORNIA.....	216,770	22,415	20,246	18,865	17,063	17,114	16,672	16,610	16,508	16,587	17,254	17,426	20,010
COLORADO.....	21,450	1,969	1,804	1,918	1,676	1,772	1,668	1,744	1,696	1,661	1,836	1,800	1,906
CONNECTICUT.....	28,168	2,534	2,281	2,572	2,323	2,304	2,062	2,247	2,250	2,157	2,394	2,337	2,707
DELAWARE.....	5,985	513	486	537	512	457	446	521	513	464	527	473	536
DISTRICT OF COLUMBIA.....	9,627	907	803	877	795	768	750	738	823	751	789	777	849
FLORIDA.....	133,074	12,061	11,155	12,541	11,033	10,899	10,052	10,325	10,284	10,116	10,826	10,781	13,001
GEORGIA.....	52,865	4,779	4,356	4,650	4,316	4,165	4,069	4,168	4,116	4,024	4,402	4,428	5,392
HAWAII.....	6,601	595	511	576	534	586	546	507	535	529	522	528	632
IDAHO.....	7,179	640	564	604	589	593	629	592	564	565	603	584	652
ILLINOIS.....	100,484	8,822	8,335	8,876	8,044	8,282	7,829	7,955	7,825	7,805	8,601	8,269	9,841
INDIANA.....	49,701	4,557	4,092	4,442	3,930	4,247	3,843	3,841	3,861	3,849	4,188	4,100	4,751
IOWA.....	27,021	2,435	2,227	2,439	2,204	2,277	2,022	2,149	2,120	2,055	2,323	2,170	2,600
KANSAS.....	21,641	1,966	1,876	1,970	1,746	1,734	1,640	1,621	1,661	1,645	1,898	1,799	2,085
KENTUCKY.....	34,816	3,213	2,962	3,067	2,860	2,823	2,651	2,842	2,620	2,617	2,946	2,812	3,403
LOUISIANA.....	37,999	3,358	3,199	3,319	3,091	3,091	2,972	3,002	3,125	2,912	3,113	3,002	3,815
MAINE.....	11,147	1,044	885	951	901	875	856	926	905	854	939	930	1,081
MARYLAND.....	37,608	3,368	3,173	3,432	3,036	3,083	2,840	2,983	3,002	2,867	3,171	3,199	3,454
MASSACHUSETTS.....	54,459	4,991	4,523	5,084	4,630	4,327	4,226	4,213	4,301	4,015	4,556	4,434	5,159
MICHIGAN.....	77,651	7,038	6,304	6,818	6,400	6,422	6,093	6,436	6,131	6,071	6,577	6,311	7,050

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1989

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
MINNESOTA.....	34,514	3,127	2,846	3,046	2,853	2,847	2,675	2,676	2,622	2,731	3,006	2,802	3,283
MISSISSIPPI.....	24,473	2,150	2,043	2,174	2,045	1,995	1,869	1,857	1,905	1,773	1,980	2,020	2,662
MISSOURI.....	51,665	4,635	4,435	4,666	4,242	4,167	4,060	4,005	3,990	3,972	4,281	4,170	5,042
MONTANA.....	6,678	576	558	564	553	515	522	543	553	553	566	540	635
NEBRASKA.....	15,037	1,441	1,311	1,303	1,294	1,181	1,123	1,172	1,172	1,193	1,290	1,208	1,349
NEVADA.....	9,281	844	820	790	704	760	710	721	784	678	784	784	902
NEW HAMPSHIRE.....	8,345	776	702	734	748	655	662	699	666	632	682	666	723
NEW JERSEY.....	69,555	6,369	5,912	6,425	5,738	5,665	5,296	5,394	5,600	5,330	5,780	5,608	6,438
NEW MEXICO.....	10,473	998	859	910	835	841	829	822	834	809	839	886	1,011
NEW YORK.....	170,330	15,501	13,952	15,168	13,609	13,945	13,074	13,576	13,558	13,159	14,481	14,322	15,985
NORTH CAROLINA.....	57,815	5,068	4,810	5,082	4,677	4,702	4,498	4,626	4,608	4,581	4,797	4,736	5,630
NORTH DAKOTA.....	5,870	540	470	534	474	521	449	428	479	474	502	458	541
OHIO.....	98,225	9,025	8,364	8,737	7,893	8,009	7,605	7,906	7,569	7,509	8,321	8,069	9,218
OKLAHOMA.....	28,887	2,648	2,577	2,658	2,339	2,368	2,210	2,211	2,186	2,234	2,361	2,334	2,761
OREGON.....	25,157	2,296	2,185	2,184	2,103	2,169	2,005	1,992	1,962	1,933	2,086	2,057	2,185
PENNSYLVANIA.....	124,466	11,444	10,830	11,651	10,164	10,280	9,432	9,698	9,730	9,311	10,216	10,033	11,677
RHODE ISLAND.....	9,731	899	790	936	774	789	768	712	777	732	864	790	900
SOUTH CAROLINA.....	28,834	2,577	2,362	2,495	2,341	2,442	2,193	2,304	2,182	2,226	2,429	2,437	2,846
SOUTH DAKOTA.....	6,577	609	537	612	578	544	502	485	518	472	571	522	627
TENNESSEE.....	48,504	4,280	3,972	4,356	3,992	3,909	3,669	3,825	3,844	3,812	3,989	4,001	4,855
TEXAS.....	126,070	11,745	10,589	11,037	10,199	10,226	9,599	9,753	9,880	9,702	10,160	10,183	12,997
UTAH.....	9,622	810	800	835	779	808	784	753	715	739	787	824	988
VERMONT.....	4,683	450	383	398	380	413	379	373	358	375	357	402	415
VIRGINIA.....	46,357	4,133	3,907	4,157	3,748	3,846	3,505	3,736	3,597	3,665	3,893	3,729	4,441
WASHINGTON.....	36,132	3,217	3,076	3,313	2,910	3,041	2,864	2,923	2,782	2,905	2,984	2,924	3,193

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF OCCURRENCE, AND MONTH: UNITED STATES, 1989

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
WEST VIRGINIA.....	19,576	1,725	1,667	1,808	1,612	1,583	1,489	1,464	1,561	1,543	1,641	1,607	1,876
WISCONSIN.....	42,333	3,816	3,483	3,853	3,547	3,536	3,145	3,415	3,281	3,198	3,641	3,532	3,886
WYOMING.....	3,059	291	236	248	266	258	248	245	243	237	256	238	293

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 Len- 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 S Limited Len-

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

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

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
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	059 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		029 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 (451-459)
20300		095 Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)

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***** 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)

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

282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
25700	1	1			041 Diseases of male genital organs (600-608)
25800			1		031 Hyperplasia of prostate (600)
25900			1		049 Other diseases of male genital organs (601-608)
26000					029 Disorders of breast (610-611)
26100			2		057 Diseases of female genital organs except breast (614-629)
26200	1	2		2	083 XI. Complications of pregnancy, childbirth, and the puerperium (630-676)
26300	1	2		2	041 Pregnancy with abortive outcome (630-638)
26400			2	2	025 Ectopic pregnancy (633)
26500			2	2	028 Spontaneous abortion (634)
26600			2	2	032 Legally induced abortion (635)
26700			2	2	034 Illegally induced abortion (636)
26800			2	2	057 Other pregnancy with abortive outcome (630-632,637-638)
26900	1	2		2	041 Direct obstetric causes (640-646,651-676)
27000			2	2	054 Hemorrhage of pregnancy and childbirth (640-641,666)
27100			2	2	040 Toxemia of pregnancy (642.4-642.9,643)
27200			2	2	024 Obstructed labor (660)
27300			2	2	043 Complications of the puerperium (670-676)
27400			2	2	077 Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)
27500			2	2	035 Indirect obstetric causes (647-648)
27600			2	2	042 Delivery in a completely normal case (650)
27700	1				070 XII. Diseases of the skin and subcutaneous tissue (680-709)
27800					052 Infections of skin and subcutaneous tissue (680-686)
27900					060 All other diseases of skin and subcutaneous tissue (690-709)
28000	1				087 XIII. Diseases of the musculoskeletal system and connective tissue (710-739)
28100					067 Rheumatoid arthritis and other inflammatory polyarthropathies (714)
28200					059 Other arthropathies and related disorders (710-712,715-719)
28300					022 Dorsopathies (720-724)
28400					040 Rheumatism, excluding the back (725-729)
28500					080 Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)
28600	1				046 XIV. Congenital anomalies (740-759)
28700					018 Spina bifida (741)
28800					058 All other congenital anomalies of nervous system (740,742)
28900					039 Congenital anomalies of heart (745-746)
29000					054 Other congenital anomalies of circulatory system (747)
29100					048 All other congenital anomalies (743-744,748-759)
29200	1				079 XV. Certain conditions originating in the perinatal period (760-779)
29300					018 Birth trauma (767)
29400					081 Intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (768-769)
29500					070 Other conditions originating in the perinatal period (760-766,770-779)

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

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

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

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

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

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

72 S Limited Len-

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

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

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

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

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

010		039 Certain intestinal infections (008-009)
020		020 Whooping cough (033)
030		029 Meningococcal infection (036)
040	3	016 Septicemia (038)
050		024 Viral diseases (045-079)
060		025 Congenital syphilis (090)
070		110 Remainder of infectious and parasitic diseases (001-007,010-032, 034-035,037,039-041,*042-*044,080-088,091-139)
080		089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
090		108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
100		030 Diseases of thymus gland (254)
110		023 Cystic fibrosis (277.0)
120		052 Diseases of blood and blood-forming organs (280-289)
130		020 Meningitis (320-322)
140		059 Other diseases of nervous system and sense organs (323-389)
150		044 Acute upper respiratory infections (460-465)
160		042 Bronchitis and bronchiolitis (466,490-491)
170	1	033 Pneumonia and influenza (480-487)
180		021 Pneumonia (480-486)
190		017 Influenza (487)
200		061 Remainder of diseases of respiratory system (470-478,492-519)
210		093 Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
220		075 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)
230		067 Remainder of diseases of digestive system (520-534,536-543,562-579)
240	1	030 Congenital anomalies (740-759)
250		042 Anencephalus and similar anomalies (740)
260		020 Spina bifida (741)
270		034 Congenital hydrocephalus (742.3)
280		092 Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)
290		041 Congenital anomalies of heart (745-746)
300		056 Other congenital anomalies of circulatory system (747)
310		050 Congenital anomalies of respiratory system (748)
320		052 Congenital anomalies of digestive system (749-751)
330		056 Congenital anomalies of genitourinary system (752-753)
340		058 Congenital anomalies of musculoskeletal system (754-756)
350		025 Down's syndrome (758.0)
360		043 Other chromosomal anomalies (758.1-758.9)
370		062 All other and unspecified congenital anomalies (744,757,759)

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

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)

TITLES FOR BUSINESS OR INDUSTRY RECODE 51

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

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

TITLES FOR BUSINESS OR INDUSTRY RECODE 15

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

TITLES FOR USUAL OCCUPATION RECODE 59

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

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

TITLES FOR USUAL OCCUPATION RECODE 09

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

ADDENDUM TO
DATA TAPE DOCUMENTATION, MORTALITY, 1989

To assist the users of the mortality public-use data tapes, attached is a copy of the "Technical Appendix" of the Vital Statistics of the United States, 1989, Volume II, Mortality, Part A. The technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data on those data tapes. Since occupation and industry data are included on the detailed and multiple cause-of-death data tapes, but are not shown in Vital Statistics of the United States and discussion of these data are excluded from the technical appendix, the following information may be useful.

Occupation and industry

Deaths by occupation and industry are included on the 1989 public-use data tapes. These data were included for the first time for 1985. These data were obtained from the following items that appear on the U.S. Standard Certificate of Death:

- o (Item 14a) USUAL OCCUPATION (Give kind of work done during most of working life, even if retired)

- o (Item 14b) KIND OF BUSINESS OR INDUSTRY

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

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

These data were coded using the NCHS Part 19 instruction manual (1). The occupation and industry titles corresponding to the 3-digit occupation codes and the 3-digit industry codes are shown in a Bureau of the Census publication (2). In addition to the codes shown in the Census publication, the following special codes were created:

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

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

References

1. National Center for Health Statistics. Industry and occupation coding for death certificates, 1987. NCHS Instruction Manual; part 19. Hyattsville, Maryland: Public Health Service. 1987.
2. U.S. Bureau of the Census. Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.

DATA TAPE DOCUMENTATION, MORTALITY, 1989
SECTION 7 -- TECHNICAL APPENDIX

SOURCES OF DATA

Death and fetal-death statistics

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

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

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

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

mortality information taken from these records was transferred by NCHS to magnetic tape for computer processing.

Beginning with 1971, an increasing number of States have provided NCHS with computer tapes of data coded according to NCHS specifications and provided to NCHS through the Vital Statistics Cooperative Program. 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 non-medical data on tape.

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

Nevada
Texas
West Virginia

Georgia
District of
Columbia

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

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

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

For 1989 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with

SECTION 7 - TECHNICAL APPENDIX

medical data coded according to NCHS specifications. In addition, Georgia, Indiana, Maine, and Wisconsin submitted copies of the original certificates from which NCHS coded the medical data for part of the year. For 1981 and 1982, it was necessary to change these procedures because of a backlog in coding and processing that resulted 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 below in the section "Estimates of errors arising from 50-percent sample for 1972."

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

Standard certificates and reports

The U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death, issued by the Public Health Service, have served for many years as the principal means of attaining uniformity in the content 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 assured 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 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 (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. These changes include additional lines to report causes of death as well as more complete instructions with examples for properly completing the 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. A number of States had previously included an Hispanic-origin identifier on their certificates, resulting in data shown in this volume for years prior to 1989. 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.

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 that show data for death-registration States include the District of Columbia for all years; registration cities in nonregistration States are not included. For more details on the history of the death-registration area, see the Technical Appendix in Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, Section 7, pages 3-4, and the section "History and Organization of the Vital Statistics System," chapter 1, Vital Statistics of the United States, 1950, Volume I, pages 2-19. Statistics on fetal deaths were first published for the birth-registration area in 1918, and then 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 1989 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 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 1989 this difference amounted to 3,393 deaths. Mortality statistics by place of occurrence are shown in tables 1-11, 1-19, 1-20, 1-30, 1-31, 1-32, 3-1, 3-6, 8-1, and 8-7.

Before 1970, except 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 considerably improved 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 if 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 National Center for Health Statistics during data reduction of source information on birth, death, and fetal-death records are given in another instruction manual (6). Beginning with 1982 data, the geographic codes were modified to reflect results of the 1980 census. For 1970-81, codes are based on results of the 1970 census.

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

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

In the New England States the U.S. Office of Management and Budget uses towns and cities rather than counties as geographic components of SMSA's. The National Center for Health Statistics cannot, however, use the SMSA classification for these States because its data are not coded to identify all towns. Instead, NCHS uses New England County Metropolitan Areas (NECMA's). Made up of county units, these areas are established by the U.S. Office of Management and Budget (8,9).

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

Population-size groups--Vital statistics data for cities and certain other urban places in 1989 are 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, as a result of changes in the enumerated population between 1970 and 1980, some urban places identified in previous reports are no longer included, and a number of other urban places have been added.

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, as there are no incorporated cities in the State.

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

State or country of birth

Mortality statistics by State or country of birth (table 1-36) became available beginning with 1979. State or country of birth of a decedent is assigned to 1 of the 50 States 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 1989, about 1.2 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 also based 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 1989, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Mexican, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given

as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been in use since 1969. Before 1969, if the entry for race was a mixture of black and any other race except Hawaiian, the entry was coded to black.

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

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

New Jersey, 1962-64--New Jersey omitted the race item from its certificates of live birth, death, and fetal death 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 in use for residents of New Jersey did not contain the race item.

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

Hispanic origin

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

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

- o 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 as follows:

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

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

In tables 2-20, 2-21, 2-22, and 2-23, the reporting area is based on deaths to residents of 43 reporting States and the District of Columbia whose mortality data for all ages and whose live birth data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 43 States are as follows: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York

(including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut, Maryland, and Virginia were excluded for the reasons stated above. Rhode Island was also excluded because of the large proportion of unknown.

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

Marital status

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

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

Educational attainment

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

- o Decedent's Education (specify only highest grade completed)

Elementary/Secondary (0-12) College (1-4 or 5+)

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

Place of death and status of decedent

Mortality statistics by place of death were published in 1979 for the first time since 1958 (tables 1-30, 1-31, and 1-32). In addition, mortality data were also available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1989 data were obtained from the following two items that appear 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)

Prior to the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent were determined from if hospital or institution were INP, OP/ER/DOA, and the name was used to determine the type of facility. The change to a check box format in many states for this item may affect the comparability of data between 1989 and previous years.

All of the States (including New York City) and the District of Columbia have item 9a and 9b (or its equivalent) except Oklahoma. Louisiana's certificate was revised in 1989, but the computer system was not changed. Therefore, the same detail categories as 1988 were used for 1989 and 1990. As a result, not all categories, were available. For all reporting states and the District of Columbia in the Vital Statistics Cooperative Program, NCHS accepts the state definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

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

California--For the first five months of data for 1989, for "Place of death" California coded "residence" to "other."

Mortality by month and date of death

Deaths by month have been regularly tabulated and published in the annual volume for each year beginning with data year 1900. For 1989, deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-12, 2-13, 2-14, and 3-7.

Date of death was first published 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 number 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 1989, autopsies were reported on 247,251 death certificates, 11.5 percent of the total (table 1-29).

Information as to whether the 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 8 of the cause-of-death categories shown in table 1-29, autopsies were reported as performed for 50 percent or more of all deaths (Meningococcal infection; Pregnancy with abortive outcome; Other complications of pregnancy, childbirth, and the puerperium; Symptoms, signs, and ill-defined conditions; Motor vehicle accidents; Suicide; Homicide and legal intervention; and All other external causes). There was one other category for which 40 percent

or more of the death certificates reported autopsies. Autopsies were reported for only 7.3 percent of the Major cardiovascular diseases.

Cause of death

Cause-of-death classification--Since 1949, cause-of-death statistics have been based on the underlying cause of death, which is defined as "(a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury" (12).

For each death the underlying cause is selected from an array of conditions reported in the medical certification section on the death certificate. This section provides a format for entering the causes of death in a sequential order. These 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 a single 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 start 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) (12). In addition to specifying that ICD-9 be used, WHO also recommends how the data should be tabulated in order to promote international comparability. The recommended system for tabulating data in the Ninth Revision allows countries to construct their own mortality and morbidity tabulation lists from the rubrics of the WHO Basic Tabulation List as long as 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 Basic Tabulation List (BTL) recommended under the Ninth Revision consists of 57 two-digit rubrics that add to the "all causes" total. Within each two-digit rubric, up to 9 three-digit rubrics numbered from 0 to 8 are identified, but these do not add to the total of the two-digit rubric. The two-digit BTL rubrics 01 through 46 provide for the tabulation of nonviolent deaths according to ICD categories 001-799. Rubrics relating to chapter 17 (nature-of-injury causes 47 through 56) are not used by NCHS for selecting underlying cause of death; rather, preference is given to rubrics E47 through E56. The 57th two-digit rubric V0 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 in use 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, which identify persons injured, are shown in the accident tables of this report (section 5). Special fifth-digit subcategories are also used in the accident tables to identify place of accident when deaths from nontransport accidents are shown. These are not shown in the Each-Cause table.

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

to the List of 282 Selected Causes of Death. Where less detail was needed, the three-digit rubrics were combined. Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death.

The List of 72 Selected Causes of Death was constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tables published for the United States and each State, and for standard metropolitan statistical areas.

The List of 61 Selected Causes of Infant Death shows more detailed titles for Congenital anomalies and Certain conditions originating in the perinatal period than any other list except the Each-Cause List.

The List of 34 Selected Causes of Death was created by combining titles in the List of 72 Selected Causes. A table using this list is published for detailed geographic areas.

Beginning with data for 1987, changes were made in these list to accommodate the introduction in the United States of new category numbers *042-*044 for Human immunodeficiency virus infection. The changes are described in the Technical Appendix from Vital Statistics for the United States, 1987.

Effect of list revisions--The International Lists or adaptations of them, in use in this country since 1900, have been revised approximately every 10 years so that the disease classifications may be consistent with advances in medical science and with changes in diagnostic practice. Each revision of the International Lists has produced some break in comparability of cause-of-death statistics. Cause-of-death statistics beginning with 1979 are classified by NCHS according to the ICD-9 (12). For a discussion of each of the classifications used with death statistics since 1900, see the Technical Appendix final Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, Section 7, pages 9-14.

A dual coding study was undertaken comparing the Ninth and the Eighth Revisions to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (13). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list not used in this volume but used for provisional data in the Monthly Vital Statistics Report, another NCHS publication. Comparability studies were also undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth

and Fifth Revisions. For additional information about these studies, see the 1979 Technical Appendix.

Significant coding changes under the Ninth Revision-- Since the implementation of ICD-9 in the United States, effective with mortality data for 1979, several coding changes have been introduced. The more important changes are discussed below. In early 1983, a change was made in the coding of acquired immunodeficiency syndrome (AIDS) and human immunodeficiency virus (HIV) infection, which affected data from 1981 to 1986. Also effective with data year 1981 was a coding change for poliomyelitis. For data year 1982, a change was made in the definition of child (which affects the classification of deaths to a number of categories, including Child battering and other maltreatment), and in guidelines for coding deaths to the category Child battering and other maltreatment (ICD No. E967). During the calendar year 1985, detailed instructions for coding motor vehicle accidents involving all-terrain vehicles (ATV's) were implemented to ensure consistency in coding these accidents. Effective with data year 1986, "primary" and "invasive" tumors, unspecified, were classified as "malignant"; these neoplasms had previously been classified to Neoplasms of unspecified nature (ICD-9 No. 239).

Beginning with data for 1987, NCHS introduced new category numbers *042-*044 for classifying and coding Human immunodeficiency virus (HIV) infection, formerly referred to as human T-cell lymphotropic virus-III/lymphadenopathy associated virus (HTLV-III/LAV) infection. The asterisk before the category numbers indicates that these codes are not part of ICD-9. Also changed effective with data year 1987 were coding rules for the conditions "dehydration" and "disseminated intravascular coagulopathy." Effective with data year 1988 minor content changes were made to the classification for HIV infection. Detailed discussion of these changes may be found in the Technical Appendix for previous volumes.

Coding in 1989--The rules and instructions used in coding the 1989 mortality medical data remained essentially the same as those used for the 1988 data.

Medical certification--The use of a standard classification list, although essential for State, regional, and international comparison, does not assure strict comparability of the tabulated figures. A high degree of comparability between 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 (14), covering 128 references over a period of 23 years, indicates that 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 there are deaths for which it is not possible to determine the underlying cause, this proportion indicates the care and consideration given to the certification by the medical certifier. It may also be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 1989 a record low of 1.3 percent of all reported deaths in the United States were assigned to this category compared with 1.4 for 1988. However, trends in the percent of deaths assigned to this category vary by age. Although the percent of deaths from this cause for all ages combined has generally remained stable between 1980 and 1988, a slight increase in the percent occurred for the age group 5-14 years and decrease occurred for all the age groups 55 years and over. However, between 1988 and 1989, the percent decreased for almost all age groups.

Automated selection of underlying cause of death--
Beginning with data year 1968, NCHS began using a computer system for assigning the underlying cause of death. It has been used every year since. The system is called "Automated Classification of Medical Entities" (ACME).

The ACME system applies the same rules for selecting the underlying cause as would be applied manually by a nosologist; however, under this system, the computer consistently applies the same criteria, thus eliminating intercoder variation in this step of the process.

The ACME computer program requires the coding of all conditions shown on the medical certification. These codes

are matched automatically against decision tables that consistently select the underlying cause of death for each record according to the international rules. The decision tables provide the comprehensive relationships between the conditions classified by ICD when applying the rules of selection and modification.

The decision tables were developed by NCHS staff on the basis of their experience in coding underlying causes of death under the earlier manual coding system and as a result of periodic independent validations. These tables are periodically updated to reflect additional new information on the relationship among medical conditions. For data year 1988 these tables were amended to incorporate minor changes to the previously mentioned classification for Human immunodeficiency virus infection (*042-*044) that had originally been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (15-17).

Cause-of-death ranking--Cause-of-death ranking (except for infants) is based on numbers of deaths assigned to categories in the List of 72 Selected Causes of Death and the category Human immunodeficiency virus infection (HIV infection) (*042-*044); cause-of-death ranking for infants is based on the List of 61 Selected Causes of Infant Death and HIV infection. HIV infection was added to the list of rankable causes effective with data year 1987.

The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions from the List of 72 Selected Causes of Death are not ranked; Certain conditions originating in the perinatal period and Symptoms, signs, and ill-defined conditions from the List of 61 Selected Causes of Infant Death are not ranked. In addition, category titles that begin with the words "Other" or "All other" are not ranked to determine the leading causes of death. When one of the titles that represents a subtotal is ranked (such as Tuberculosis), its component parts (in this case, Tuberculosis of respiratory system and Other tuberculosis) are not ranked.

Maternal deaths

Maternal deaths are those for which the certifying physician has designated a maternal condition as the underlying cause of death. Maternal conditions are those assigned to Complications of pregnancy, childbirth, and the puerperium (ICD-9 Nos. 630-676). In the Ninth Revision, WHO for the first time defined a maternal death as follows:

A maternal death is defined as the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

Under the Eighth Revision, maternal deaths were assigned to the category "Complications of pregnancy, childbirth, and the puerperium" (ICDA-8 Nos. 630-678). Although WHO did not define maternal mortality, there was an NCHS classification rule that limited a maternal death to a death within a year after termination of pregnancy from any "maternal cause," that is, any cause within the range of ICDA-8 Nos. 630-678. This rule applied only if a duration of time for the condition was given. If no duration was specified and the underlying cause of death was a maternal condition, then the duration was assumed to be within a year and the death was coded by NCHS as a maternal death. The change from an under-1-year limitation on duration used in the Eighth Revision to an under-42-days limitation used in the Ninth Revision did not have much effect on the comparability of maternal mortality statistics. However, comparability was affected by the following classification change. Under the Ninth Revision, maternal causes have been expanded to include Indirect obstetric causes (ICD-9 Nos. 647-648). These causes include Infective and parasitic conditions as well as other current conditions in the mother that are classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

Maternal mortality rates are computed on the basis of the number of live births. The maternal mortality rate indicates the likelihood that a pregnant woman will die of maternal causes. The number of live births used in the denominator is an approximation of the population of pregnant women who are at risk of a maternal death.

Race--Beginning with the 1989 data year, NCHS has changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This has resulted in a discontinuity in maternal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths", under Infant deaths.

Infant deaths

Age--Infant death is defined as a death under 1 year of age. The term excludes fetal deaths. Infant deaths are usually divided into two categories according to age, neonatal and postneonatal. Neonatal deaths are those that occur during the first 27 days of life; postneonatal deaths are those that occur between 28 days and 1 year of age. It has generally been believed that different factors influencing the child's survival predominate in these two periods: Factors associated with prenatal development, heredity, and the birth process were considered dominant in the neonatal period; environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small premature infants to survive the neonatal period.

Rates--Infant mortality rates shown in section 2 and section 8 are the most commonly used index for measuring the risk of dying during the first year of life; they are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 1,000 or per 100,000 live births. Infant mortality rates use the number of live births in the denominator to approximate the population at risk of dying before the first birthday. This measure is an approximation because some live births will not have been exposed to a full year's risk of dying and some of the infants who die during a year will have been born in the previous year. The error introduced in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (18,19). Other sources of error in the infant mortality rate have been attributed to differences in applying the definitions for infant death and fetal death when registering the event (20,21).

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

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

The infant death rate is also subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (21).

Race

Change in tabulation of race data for live births and fetal deaths--Beginning with the 1989 data year, NCHS has changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This results in infant, fetal, perinatal, and maternal mortality rates for 1989 that are not comparable with those published for previous years, because live births comprise the denominator of these rates. To facilitate continuity and ease of interpretation, key published tables for 1989 and 1990, including all trend tables, will show data computed on the basis of live births and fetal deaths tabulated by both race of mother and race of child. This will make it possible to distinguish the effects of this change from real changes in the data.

As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. For fetal and perinatal mortality rates, both the numerator and the denominator of the rates are affected, since the change to race of mother affects both fetal deaths and live births.

As noted in detail in the Technical Appendix to Vital Statistics of the United States, 1989, Vol. I, Natality, data on live births and fetal deaths are being tabulated by the race of the mother. When the race of the mother is unknown, the mother is assigned to the father's race; when information for both parents is missing, the race of the mother is assigned to the specific race of the mother of the preceding record with known race. In previous years, birth and fetal death tabulations were by race of child, as determined statistically by an algorithm based on information reported for the mother and father. Briefly, in cases of mixed parentage where only one parent was white, the child was assigned to the other parent's race. When neither parent was white, the child was assigned the race of the father, except if either parent was Hawaiian, the child was assigned to Hawaiian. If race was not reported for one parent, the

child was assigned the race of the parent for whom race was given.

The change in the tabulation of live births and fetal deaths by race reflects three factors over the past two decades: the topical content of the birth certificate has been expanded to include considerable health and demographic information related to the mother, the increasing incidence of interracial parentage, and the growing proportion of births for which the race of the father is not reported.

Quantitatively, the change in the basis for tabulating live births and fetal deaths by race results in more white births and fetal deaths and fewer to the black population and to other races. As a consequence, infant, fetal, perinatal, and maternal mortality rates under the new classification tend to be lower for white infants and higher for infants of other races (Table A). In general, discontinuities are larger for infant and maternal mortality rates, where only the denominator of the rate is affected by the change, than for fetal and perinatal mortality rates, where both the numerator and the denominator are affected. For some minority race groups, the effect of the change is quite large.

The change in the race classification of live births and fetal deaths presents challenges to those analyzing infant, fetal, perinatal, and maternal mortality data, particularly trend data. To facilitate analysis of infant mortality by race, reports will be prepared showing historic data tabulated by race of mother.

Comparison of race data from birth and death certificates-
-Regardless of whether vital events are tabulated by race of mother or by race of child, there are inconsistencies in reporting race for the same infant between birth and death certificates, based on results of studies in which race on the birth and death certificates for the same infant were compared (22).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, under-estimates for specified races other than white or black. In the computation of race-specific infant mortality rates published in Vital Statistics of the United States, the race item for the numerator comes from the death certificate, and for the denominator, from the birth certificate. Biases in the rates may arise because of possible inconsistencies in reporting race on these two vital records. Race of the mother and father is reported on the birth certificate by the mother at the time of delivery; whereas race of the deceased infant is reported on the death

certificate by the funeral director based on observation or on information supplied by an informant, such as a parent. Previous studies have noted that the race of an infant who died and was of a smaller minority race group to sometimes be reported as white on the death certificate, but as of the minority race on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (22).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth cohorts based on the newly-available linked birth and infant death data set (23,24) with period rates based on mortality data published in Vital Statistics of the United States (VSUS) for the same year(s). In this comparison, cohort rates are based entirely on the linked data set while period rates are constructed using a numerator (infant deaths) based on mortality data published in VSUS and a denominator (live births) based on the linked data set.

The comparison of cohort and period rates is somewhat affected by small differences in the events included in the numerators of the two rates. The numerator of the cohort rate is comprised of infant deaths to the cohort of infants born in a calendar year whereas the numerator of the period rate is comprised of infant deaths that occur in the calendar year.

Based on comparing infant mortality rates from the linked data set for the birth cohorts of 1984-85 with period rates constructed for 1984-85, bias in the rates for the two major race groups--white and black--is small (Table B). In contrast, period rates for the smaller race groups are estimated to be lower than cohort rates by 10 to 50 percent. Cohort rates have not been adjusted to reflect the approximately 2 percent of infant death records that were not linked to their corresponding birth records. Because of systematic understatement of infant mortality rates based on period data, one should use data from the national linked files to measure infant mortality for these groups. For the major race groups, period data are a close approximation of the rates based on linked files.

Hispanic origin--Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin (see section "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 43 reporting States and the District of Columbia. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1989 was

2.6 percent and the percent of live births of unknown origin was 1.1 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are underestimated. In addition, as discussed above for specified races, period infant mortality rates for specific Hispanic-origin groups tend to be underestimated when compared with rates based on the national linked birth and infant death data set as shown in Table C. Comparisons are also affected by the approximate 2 percent of infant death records that are not linked to their corresponding birth record.

Caution should be exercised when generalizing from the ratios of cohort-to-period rates for 1986 with data for 1989, because the reporting area for Hispanic data has expanded from 18 reporting States and the District of Columbia in 1986 to 43 reporting States and the District of Columbia in 1989. The Hispanic reporting area for 1986 included: Arizona, Arkansas, California, Colorado, District of Columbia, Georgia, Hawaii, Illinois, Indiana, Kansas, Mississippi, Nebraska, New Jersey, New York, North Dakota, Ohio, Texas, Utah and Wyoming.

Small numbers of infant deaths for specific Hispanic-origin groups can result in infant mortality rates subject to relatively large random variation (see section "Random variation in numbers of deaths, death rates, and mortality rates and ratios").

Tabulation list--Causes of death for infants are tabulated according to a list of causes that is different from the list of causes for the population of all ages, except for the Each Cause List. (See section "Cause-of-death classification.")

California--From 1985 to 1988, data on age at death for California, were biased in the categories 1-23 hours and 1 day because of processing errors that affected selected infants who died within 24 hours after birth. Specifically, some infants who died within 1-23 hours of birth were erroneously coded as dying at 1 day after birth.

Beginning with 1985 data, California provided NCHS with computer tapes of precoded mortality data through the Vital Statistics Cooperative Program (VSCP); whereas prior to 1985, data from the State of California were based on information coded by NCHS from copies of original death certificates. The effect of these errors on national data, for the years 1985-88 shown in table 2-3 is negligible. The problem has been identified and corrected for 1989 and subsequent years.

Fetal deaths

In May 1950 the World Health Organization (WHO) recommended that the following definition of fetal death be adopted for international use:

Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (25).

The term "fetal death" was defined on an all-inclusive basis to end confusion arising from the use of such terms as stillbirth, spontaneous abortion, and miscarriage.

Shortly thereafter, this definition of fetal death was adopted by the National Center for Health Statistics (NCHS) as the nationally recommended standard. Currently all registration areas except Puerto Rico have definitions similar to the standard definition (26). Puerto Rico has no formal definition.

As another step toward increasing the comparability of data on fetal deaths for different countries, WHO recommended that for statistical purposes fetal deaths be classified as early, intermediate, and late. These groups are defined as follows:

Less than 20 completed weeks of gestation (early fetal deaths).....	Group I
20 completed weeks of gestation but less than 28 (intermediate fetal deaths).....	Group II
28 completed weeks of gestation and over (late fetal deaths).....	Group III
Gestation period not classifiable in groups I, II, and III.....	Group IV

Note that in table 3-11, group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more.

Until 1939 the nationally recommended procedure for registration of a fetal death required the filing of both a live-birth and a death certificate. In 1939 a separate Standard Certificate of Stillbirth (fetal death) was created to replace the former procedure. This was revised in 1949, 1955, 1956, 1968, 1978, and 1989. The 1989 U.S. Standard Report of Fetal Death is shown in figure 7-B.

The 1977 revision of the Model State Vital Statistics Act and Model State Vital Statistics Regulations (27) recommended that spontaneous fetal deaths at a gestation of 20 weeks or more or a weight of 350 grams or more and all induced terminations of pregnancy regardless of gestational age be reported and further that they be reported on separate forms. These forms are to be considered legally required statistical reports rather than legal documents.

Beginning with 1970 fetal deaths, procedures were implemented that attempted to separate reports of spontaneous fetal deaths from those of induced terminations of pregnancy. These procedures were implemented because the health implications are different for spontaneous fetal deaths than for induced terminations of pregnancy. These procedures are still in use.

Comparability and completeness of data--Registration area requirements for reporting fetal deaths vary. Most of these areas require reporting of fetal death at gestations of 20 weeks or more. Table D shows the minimum period of gestation required by each State for fetal-death reporting. There is substantial evidence that not all fetal deaths for which reporting is required are reported (28).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State. Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring at younger gestational ages are less completely reported. The reporting of fetal deaths at 20-23 weeks of gestation may be more complete for those States that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by State, most of the tables in section 3 are based on fetal deaths occurring at gestations of 20 weeks or more. These tables also include fetal deaths for which gestation is not stated for those States requiring reporting at 20 weeks or more gestation only. Beginning with 1969, fetal deaths of not stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birth weight of 500 grams or more. In 1989 this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year there are some exceptions to this procedure.

Arkansas--Since 1971, Arkansas has been using two reporting forms for fetal deaths: A confidential Spontaneous Abortion form that is not sent to the National Center for Health Statistics (NCHS) and a Fetal Death Certificate that is. During the period 1971 through 1980, it is believed that

most spontaneous fetal deaths of less than 20 weeks' gestation were reported on the confidential form and, therefore, were not reported to NCHS. During the period 1981 through 1983, Arkansas specified that fetal deaths of less than 28 weeks' gestation or weighing less than 1,000 grams could be reported on the confidential form; beginning with 1984 data, the State specified that fetal deaths of 20 weeks' gestation or weighing 500 grams be reported on the Fetal Death Certificate. Because of these changes, the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981-83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984-89. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Colorado--While Colorado State law requires reporting fetal deaths of all periods of gestation, beginning in 1989, the State only provides to NCHS data for fetal deaths of 20 weeks gestation or more.

Maine--Maine uses two reporting forms for fetal deaths: A Report of Abortion (Spontaneous and Induced) and a Report of Fetal Death. Most spontaneous fetal deaths at less than 20 weeks' gestation are reported on the Report of Abortion, and, therefore, are excluded from fetal death counts in this volume.

Maryland--From the counts of frequencies by month, it appears that not all fetal deaths occurring in the first quarter of 1989 were reported. This may account in part for the decrease in the reported number of fetal deaths and in fetal mortality rates for Maryland between 1988 and 1989.

Wisconsin--Beginning in 1986, Wisconsin changed its reporting requirements for spontaneous fetal deaths from "20 weeks" to "20 weeks or 350 grams."

Revised Report of Fetal Death for 1989--Beginning with data for 1989, new items were added to the U.S. Standard Report of Fetal Death, including Hispanic origin of the mother and father, medical and other risk factors of pregnancy, obstetric procedures, and method of delivery. In addition, questions on complications of labor and delivery and congenital anomalies of fetus were changed from an open-ended to a checkbox format, to ensure more complete reporting of information. However, because of differences in implementation dates of the new fetal death report between States, and because of inexperience in reporting and processing the new items, reporting of the new items in individual States may not be complete for 1989. The data quality and completeness of many of these items is being

evaluated preparatory to including tabulation of these items in the future years.

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

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birth weight (29). Briefly, if LMP gestation is inconsistent with birth weight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent, LMP gestation is used, and birth weight is assigned to unknown. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows:

- 1 - 3 months to under 16 weeks
- 4 months to 16 - 19 weeks
- 5 months to 20 - 23 weeks
- 6 months to 24 - 27 weeks
- 7 months to 28 - 31 weeks
- 8 months to 32 - 35 weeks
- 9 months to 40 weeks
- 10 months and over to 43 weeks and over

All areas reported LMP in 1989 except Puerto Rico, and all areas reported physician's estimate of gestation except California, the District of Columbia, Louisiana, Maryland, and Oklahoma. Nebraska was also excluded because of the large proportion of unknown.

Birth weight--Most of the 55 registration areas do not specify how weight should be given, that is, in pounds and ounces or in grams. In the tabulation and presentation of birth weight data, the metric system (grams) has been used to facilitate comparison with other data published in the United States and internationally. Birth weight specified in pounds and ounces is assigned the equivalent of the gram intervals, as follows:

Less than 350 grams	=	0 lb	12 oz	or less
350 - 499 grams	=	0 lb	13 oz	- 1 lb 1 oz
500 - 999 grams	=	1 lb	2 oz	- 2 lb 3 oz
1,000 - 1,499 grams	=	2 lb	4 oz	- 3 lb 4 oz
1,500 - 1,999 grams	=	3 lb	5 oz	- 4 lb 6 oz
2,000 - 2,499 grams	=	4 lb	7 oz	- 5 lb 8 oz
2,500 - 2,999 grams	=	5 lb	9 oz	- 6 lb 9 oz
3,000 - 3,499 grams	=	6 lb	10 oz	- 7 lb 11 oz
3,500 - 3,999 grams	=	7 lb	12 oz	- 8 lb 13 oz
4,000 - 4,499 grams	=	8 lb	14 oz	- 9 lb 14 oz
4,500 - 4,999 grams	=	9 lb	15 oz	- 11 lb 0 oz
5,000 grams or more	=	11 lb	1 oz	or more

With the introduction of ICD-9, the birth-weight classification intervals for perinatal mortality statistics were shifted downward by 1 gram, as shown above. Previously, the intervals were, for example, 1,001-1,500; 1,501-2,000; and so forth. Beginning in 1989, NCHS instituted a consistency check between birth weight and gestation; see previous section on gestation.

Race--Beginning with data for 1989, NCHS changed the method of tabulating fetal death, perinatal, and live birth data by race from race of child to race of mother. This has resulted in a discontinuity in fetal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths", under Infant deaths.

Hispanic origin of mother--Fetal mortality data for the Hispanic-origin population are based on fetal deaths to mothers of Hispanic origin who were residents of those States and the District of Columbia that included items on the report of fetal death to identify Hispanic or ethnic origin of mother. Data for 1989 were obtained from 44 States; areas not supplying data were the District of Columbia, Louisiana, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

For 1989, fetal and perinatal mortality data in table 3-19 are for a reporting area of 44 States and tables 3-20, 4-6 and 4-7 are for a reporting area of 31 States that had an item on Hispanic or ethnic origin on the death certificate, birth certificate, and report of fetal death, and whose data for all three files were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The States included are Alabama, Arizona, Arkansas, California, Colorado, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Minnesota, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, South

Dakota, Tennessee, Texas, Utah, Vermont, West Virginia, Wisconsin, and Wyoming.

The 31 reporting States for which fetal and perinatal data by Hispanic origin are shown accounted for about 75 percent of the Hispanic population in 1980, including 92 percent of the Mexican population, 27 percent of the Puerto Rican population, 75 percent of the Cuban population, and 57 percent of the "Other Hispanic" population (10). Accordingly, caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Puerto Ricans) of the entire United States. (See also section on Hispanic origin under Classification of Data).

Total-birth order--Total-birth order refers to the sum of the live births and other terminations (including both spontaneous fetal deaths and induced terminations of pregnancy) that a woman has had, including the fetal death being recorded. For example, if a woman has previously given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

Beginning with implementation of the 1989 revision of the U. S. Standard Report of Fetal Death, total-birth order is calculated from three items on pregnancy history: Number of previous live births, now living; number of previous live births, now dead; and number of other terminations (spontaneous and induced at anytime after conception). For prior years, total-birth order was calculated from four items, see the Technical Appendix From Vital Statistics of the United States 1988, Volume II, Mortality, Part A.

While all registration areas use the two standard items pertaining to the number of previous live births, there are differences between registration areas in the wording of the item on other terminations of pregnancy. Total-birth order for all areas is calculated from the sum of available information. Thus, information on total-birth order may not be completely comparable among the registration areas. In addition, there may be substantial underreporting of other terminations of pregnancy on the fetal death report.

Marital status--Table 3-3 shows fetal deaths and fetal-death rates by mother's marital status. The following states were excluded from this table because their report of fetal death did not include an item on marital status: California, Connecticut, Maryland, Michigan, Nevada, New York (including New York City), Ohio, and Texas. Because live births comprise the denominator of the rate, marital status must also be reported for mothers of live births. Marital status of the

mother of the live birth is inferred for States that did not report it on the birth certificate.

Beginning with data for 1989, fetal deaths with marital status not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal deaths with stated marital status that fall into each category. Prior to 1989, fetal deaths with not-stated marital status were assigned to the married category. Because of this change, fetal death frequencies and rates by marital status for 1989 are not strictly comparable with those for previous years.

There are no quantitative data on the characteristics of unmarried women who do not report, or misreport their marital status or who fail to register fetal deaths. Underreporting may be greater for the unmarried group than for the married group.

Age of mother--Beginning 1989, the U.S. Standard Report of Fetal Death asks for the mother's date of birth. Age of mother is computed from the mother's date of birth and the date of the termination of the pregnancy. For those States whose certificates do not contain an item on the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years of age and over, the age of the mother is considered not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

Sex of fetus--Beginning 1989, for all fetal deaths of 20 or more weeks gestation, not-stated sex of fetus is assigned the sex of the fetus from the previous record. Prior to 1989, no such assignment was made.

Plurality--All registration areas except Louisiana report the plurality of the fetus. Although Louisiana has not reported this item for many years, prior to 1989, data for Louisiana was erroneously converted to a plurality of 1 (single birth), and included in United States totals. Beginning 1989, Louisiana is excluded from tables reporting plurality of the fetus. For reporting areas, not-stated plurality of the fetus is assigned to single births.

Perinatal mortality

Perinatal definitions--Beginning with data year 1979, perinatal mortality data for the United States and each State have been published in section 4. The World Health Organization, in its ICD-9, recommends that "national perinatal statistics should include all fetuses and infants delivered weighing at least 500 grams (or when birth weight is unavailable, the corresponding gestational age (22 weeks) or body length (25 cm crown-heel)), whether alive or dead...." It further recommends that "countries should present, solely for international comparisons, 'standard perinatal statistics' in which both the numerator and denominator of all rates are restricted to fetuses and infants weighing 1,000 grams or more (or, where birth weight is unavailable, the corresponding gestational age (28 weeks) or body length (35 cm crown-heel))." Because birth weight and gestational age are not reported on the death certificate in the United States, NCHS was unable to recommend adopting these definitions. Three definitions of perinatal mortality are currently used by NCHS: Perinatal Definition I, generally used for international comparisons, which includes fetal deaths of 28 weeks' gestation or more and infant deaths of less than 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks' gestation or more and infant deaths of less than 7 days.

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among States. Because reporting is generally poorer near the lower limit of the reporting requirement, States that require reporting of all products of pregnancy regardless of gestation are likely to have more complete reporting of fetal deaths at 20 weeks or more than are other States. The larger number of fetal deaths reported by these "all periods" States may result in higher perinatal mortality rates than in States whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the State perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20-27 weeks.

Not stated--Fetal deaths with gestational age not stated are presumed to be of 20 weeks' gestation or more if the State requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those States requiring reporting of all fetal deaths regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more,

according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

The allocation of not-stated gestational age for fetal deaths is made individually for each State, for metropolitan and nonmetropolitan areas, and separately for the United States as a whole. Accordingly, the sum of perinatal deaths for the areas according to Definition I may not equal the total number of perinatal deaths for the United States.

Race--Beginning with the 1989 data year, NCHS has changed the method of tabulating fetal death and live birth data by race from race of child to race of mother. This has resulted in a discontinuity in perinatal mortality rates by race between 1989 and previous years; see section on "Change in race classification for live births and fetal deaths" under Infant deaths.

Hispanic origin--See section on "Hispanic origin of mother" under Fetal deaths.

QUALITY OF DATA

Completeness of registration

All States have adopted laws that require the registration of births and deaths, and the reporting of fetal deaths. It is believed that more than 99 percent of the births and deaths occurring in this country are registered.

Reporting requirements for fetal deaths vary somewhat from State to State (see "Comparability and completeness of data"). Overall reporting is not as complete for fetal deaths as for births and deaths, but it is believed to be relatively complete for fetal deaths at a gestation of 28 weeks or more. National statistical data on fetal deaths include only fetal deaths occurring at a stated or presumed gestation of 20 weeks or more.

Massachusetts data

The 1964 statistics for deaths exclude approximately 6,000 events registered in Massachusetts, primarily to residents of that State. Microfilm copies of these records were not received by NCHS. Figures for the United States and the New England Division are also somewhat affected.

Alabama data

The 1988 statistics for deaths show no deaths assigned to the City of Prattville in Autauga County. The death records that should have been assigned to this area were instead assigned to the Balance of County due to a processing error.

Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1989 the mortality data for these items were obtained from two sources: Photocopies of the original certificates furnished by the Virgin Islands and Guam and records on data tape furnished by the 50 States, the District of Columbia, New York City, and Puerto Rico. For the Virgin Islands and Guam, which sent only copies of the original certificates, the demographic items were coded for 100 percent of the death certificates. The demographic coding for 100 percent of the certificates was independently verified.

As part of the quality control procedures for mortality data, each registration area goes through a calibration period, during which it must achieve the specified error tolerance level of 2 percent per item for 3 consecutive months, based on independent verification by NCHS of a 50-percent sample of that area's records. Once the area has achieved the required error tolerance level, a sample of 70-80 records per month is used to monitor quality of coding. All areas providing data on computer tapes prior to 1989 have achieved the specified error tolerance; accordingly, the demographic items on about 70-80 records per area per month were independently verified by NCHS. The estimated average error rate for all demographic items in 1989 was 0.25 percent.

These verification procedures involve controlling for two types of error (coding and entering into the data record tape) at the same time, and the error rates are a combined measure of both types. It may be assumed that the entering errors are randomly distributed across all items on the record, but this assumption cannot be made as readily for coding errors. Although systematic errors in coding infrequent events may escape detection during sample verification, it is probable that some of these errors were detected during the initial period when 50 percent of the file was being verified, thus providing an opportunity to retrain the coders.

Medical items on the death certificate--As is true for demographic data, mortality medical data are also subject to quality control procedures to control for errors of both coding and data entry. Each of the 30 registration areas that

coding and data entry. Each of the 30 registration areas that in 1989 furnished NCHS with coded medical information according to NCHS specifications first had to qualify for sample verification. During an initial calibration period, the area had to demonstrate that its staff could achieve a specified error tolerance level of less than 5 percent for coding all medical items. After the area had achieved the required error tolerance level, a sample of 70-80 records per month was used to monitor quality of medical coding. For the 30 reporting States, the average coding error rate in 1989 was estimated at just over 4 percent.

For the remaining 20 States, the District of Columbia, New York City, Puerto Rico, the Virgin Islands, and Guam, NCHS coded the medical items for 100 percent of the death records. A 1-percent sample of the records was independently coded for quality control purposes. The estimated average error rate for these areas was about 3 percent.

The ACME system for selecting the underlying cause of death through computer application contributes to the quality control of medical items on the death certificate. (See section "Automated selection of underlying cause of death.")

Demographic items on the report of fetal death--For 1989, all data on fetal deaths, except for New York State (excluding New York City), were coded under contract by the U.S. Bureau of the Census. Coding and entering of information on data tapes were verified on a 100-percent basis because of the relatively small number of records involved.

Other control procedures--After coding and entering on data tape are completed, record counts are balanced against control totals for each shipment of records from a registration area. Editing procedures ensure that records with inconsistent or impossible codes are modified. Inconsistent codes are those, for example, indicating a contradiction between cause of death and age or sex of the decedent. Records so identified during the computer editing process are either corrected by reference to the source record or adjusted by arbitrary code assignment (30). Further, conditions specified on a list of infrequent or rare causes of death are confirmed by the certifier or a State Health Officer. All subsequent operations in tabulating and in preparing tables are verified during the computer processing or by statistical clerks.

Estimates of errors arising from 50-percent sample for 1972

Death statistics for 1972 in this report (excluding fetal-death statistics) are based on a 50-percent sample of all deaths occurring in the 50 States and the District of

Columbia. A description of the sample design and a table of the percent errors of the estimated numbers of deaths by size of estimate and total deaths in the area are shown in the Technical Appendix From Vital Statistics of the United States, 1972, Volume II, Mortality, Part A.

COMPUTATION OF RATES AND OTHER MEASURES

Population bases

The population bases from which death rates shown in this report are computed are prepared by the U.S. Bureau of the Census. Rates for 1940, 1950, 1960, 1970, and 1980 are based on the population enumerated as of April 1 in the censuses for those years. Rates for all other years use the estimated midyear (July 1) population. Death rates for the United States, individual States, and SMSA's are based on the total resident populations of the respective areas. Except as noted, these populations exclude the Armed Forces abroad but include the Armed Forces stationed in each area.

The resident populations of the birth- and death-registration States for 1900-32 and of the United States for 1900-89 are shown in table 7-1. In addition, the population including Armed Forces abroad is shown for the United States. Table E lists the sources for these populations.

Population estimates for 1989--The population of the United States estimated by age, race, and sex for 1989 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. Population estimates for 1984-89 incorporate new estimation procedures for net migration and net undocumented immigration. The 1989 estimates are comparable with those for 1984-88 but are not strictly comparable with the postcensal estimates for 1981-83 shown in tables 7-2 and 7-3 of Vital Statistics of the United States, Volume II, for those years. Although the death rates and estimates of life expectancy for 1984-89 are not strictly comparable with those for previous years, the trends for the total population and most age-race-sex groups are not substantially affected. For additional details, see the Technical Appendix From Vital Statistics of the United States, 1984, Volume II, and the report of the U.S. Bureau of the Census (31). Population data by race are consistent with the modified (see below) 1980 population by race.

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

The racial counts in the 1980 census are affected by changes in reporting practices, particularly of the Hispanic population, and in coding and classifying. One particular

change created a major inconsistency between the 1980 census data and historical data series, including censuses and vital statistics. About 40 percent of the Hispanic population counted in 1980, more than 5.8 million persons, did not mark one of the specified races listed on the census questionnaire but instead marked the "Other" category.

In the 1980 census, coding procedures were modified for persons who marked "Other" race and wrote in a national origin designation of a Latin American country or a specific Hispanic-origin group in response to the racial question. These persons remained in the "Other" racial category in 1980 census data; in previous censuses and in vital statistics, such responses had almost always been coded into the "White" category.

To maintain comparability, the "Other" racial category in the 1980 census was reallocated to be consistent with previous procedures. Persons who marked the "Other" racial category and reported any Spanish origin on the Spanish origin question (5,840,648 persons) were distributed to white and black races in proportion to the distribution of persons of Hispanic origin who actually reported their race as "White" or "Black." This was done for each age-sex group.

As a result of this procedure, 5,705,155 persons (98 percent) were added to the white population and 135,493 persons (2 percent) to the black population. Persons who marked the "Other" racial category and reported that they were not of Spanish origin (916,338 persons) were distributed as follows: 20 percent in each age-sex group were added to the "Asian and Pacific Islander" category (183,268 persons), and 80 percent were added to the "White" category (733,070 persons). The count of American Indians, Eskimos, and Aleuts was not affected by these procedures. Unpublished tabulations of these modified census counts were obtained from the U.S. Bureau of the Census and used to compute the rates for this volume.

Population estimates for 1971-79--Death rates in this volume for 1971-79 used revised population estimates that are consistent with the 1980 census levels. The 1980 census enumerated approximately 5.5 million more persons than had previously been estimated for April 1, 1980 (32). These revised estimates for the United States by age, race, and sex are published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, Number 917. Unpublished

revised estimates for States were obtained from the U.S. Bureau of the Census. For Puerto Rico, the Virgin Islands, and Guam, revised estimates are published in Current Population Reports, Series P-25, Number 919.

Population estimates for 1961-69--Death rates in this volume for 1961-69 are based on revised estimates of the population and thus may differ slightly from rates published before 1976. The rates shown in tables 1-1 and 1-2, the life table values in table 6-5, and the population estimates in table 7-1 for each year in the period 1961-69 have been revised to reflect modified population bases, as published in the U.S. Bureau of the Census, Current Population Reports, Series P-25, Number 519. The data shown in table 1-10 for 1961-69 have not been revised.

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

New Jersey--As previously indicated, data by race are not available for New Jersey for 1962 and 1963. Therefore, for 1962 and 1963 the, NCHS estimated a population by age, race, and sex that excluded New Jersey for rates shown by race. The methodology used to estimate the revised population excluding New Jersey is discussed in the Technical Appendixes of the 1962 and 1963 volumes.

Net census undercount

Just as the underenumeration of deaths and the misreporting of demographic characteristics on the death certificate can introduce error into the annual rates, so can enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (33). Net census undercount is the result of miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by both the net census undercount and the misreporting of age on the death certificate (34). To the extent that the net undercount is substantial and that it varies among subgroups and geographic areas, it may have important consequences for vital statistics measures.

Although death rates based on a population adjusted for net census undercount may be more accurate than rates based

on an unadjusted population, rates in this volume are not adjusted; rather, they are computed using population estimates that preserve the age pattern of the net census undercount across the postcensal interval. Thus, it is important to consider the possible impact of net census undercount on death rates.

The U.S. Bureau of the Census has conducted extensive research on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex) in the last four decennial censuses-- 1950, 1960, 1970, and 1980. From this work have come estimates of the national population that was not counted by age, race, and sex (35,36). The reports for 1980 include estimates of net census undercount using alternative methodological assumptions for age, race, and sex subgroups of the national population (37). These studies indicate that, although coverage was improved over previous censuses, there was differential coverage in the 1980 census among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

Net census undercounts can affect levels of the observed vital rates, differences among groups, and levels and group differences shown by summary measures such as age-adjusted death rates and life expectancy.

Levels and differentials--If adjustments were made for net census undercount, the size of denominators of the death rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1980 can be computed by multiplying the reported rates by ratios of the census-level resident population to the resident population adjusted for the estimated net census undercount (table 7-4). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0--indicating a net census overcount--multiplied by the reported rate results in an increase in the death rate.

Coverage ratios for all ages show that, in general, females were more completely enumerated than males and the white population more completely than the population of all other races in the 1980 Census of Population. The black population was undercounted relative to the total population of all other races.

For the total population, underenumeration varied by age group, with the greatest differences found for persons aged 80-84 and 85 years and over. All other age groups were overcounted or undercounted by less than 3 percent.

Among the age-sex-race groups, coverage was lowest for black males aged 40-44 and 45-49 years. Underenumeration for these groups was 19 percent. In contrast, white females in these age groups were essentially completely enumerated. For black females and white males in these same age groups, the undercount ranged from 3 to 6 percent. For the under-1-year age group, the white population was overenumerated by 2 percent, whereas infants of other races were underenumerated by 9 percent.

If vital statistics measures were calculated with adjustments for net census undercounts for each population subgroup, the resulting rates would be differentially reduced from their original levels; that is, rates for those groups with the greatest estimated undercounts would show the greatest relative reductions due to these adjustments. Similar effects would be evident in the opposite direction for groups with overcounts. As a consequence, the ratio of mortality between the rates for males and females, and between the rates for the white population and the population of other races, or the black population, usually would be reduced.

Similarly, the differences between the death rates among subgroups of the population by cause of death would be affected by adjustments for net census undercounts. For example, for the age group 35-39 years in 1980, the ratio of the death rate for Homicide and legal intervention for black males to that for white males is 7.3, whereas the ratio of the death rates adjusted for net census undercount is 6.2. For Ischemic heart disease for males aged 40-44 years, the ratio of the death rate for the population of all other races to that for the white population is 1.2 using the unadjusted rates, but it is 1.1 when adjusted for estimated underenumeration.

Summary measures--The effect of net census undercount on age-adjusted death rates depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1980 for All causes would decrease from 585.8 to 579.3 per 100,000 population if the age-specific death rates were corrected for net census undercount.

For Diseases of the heart, the age-adjusted death rate for white males would decrease from 277.5 to 273.0 per 100,000 population, a decline of 1.3 percent. For black males the change, from an unadjusted rate of 327.3 to an adjusted rate of 308.3, would amount to 5.8 percent.

If death rates by age were adjusted, then the corresponding life expectancy at birth computed from these

rates would change. The importance of adjustments varies by age; that is, when calculating life expectancy, the impact of an undercount or overcount is greatest at the younger ages. In general, the effect of correcting the death rates is to increase the estimate of life expectancy at birth. Differential underenumeration among race-sex groups would lead to greater changes in life expectancy for some groups than for others. For white females who were completely enumerated in 1980, revised estimates of life expectancy would remain roughly constant; those for black males would show the greatest increase.

Age-adjusted death rates

Age-adjusted death rates shown in this volume are computed using the distribution in 10-year age intervals of the enumerated population of the United States in 1940 as the standard population. Each figure represents the rate that would have existed had the age-specific rates of the particular year prevailed in a population whose age distribution was the same as that of the United States in 1940. The rates for the total population and for each race-sex group were adjusted using the same standard population. It is important not to compare age-adjusted death rates with crude rates. The standard 1940 population, on the basis of one million total population, is as follows:

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

Life Tables

U.S. abridged life table are constructed by reference to a standard table (38). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-89 abridged life tables. With the availability of the 1979-81 standard life tables, revised life table values were computed for 1980-82; these appeared for the first time in Vital Statistics of the United States, 1983.

Life tables for the decennial period 1969-71 are used as the standard life tables in constructing the 1970-79 abridged life tables. Life table values for 1970-73 were first revised in Vital Statistics of the United States, 1977; before 1977, life table values for 1970-73 were constructed using the 1959-61 decennial life tables. In addition, life table values for 1951-59, 1961-69, and 1971-79 appearing in this volume are based on revised intercensal estimates of the populations for those years. As such, these life table values may differ from life table values for those years published in previous volumes.

The change in the population estimation methodology (see above section "Population bases") results in life expectancies at certain 5-year age intervals for 1984-89 that are lower than those that would have resulted had they been based on the same methodology used to compute 1983 life expectancies. For additional details, see Technical Appendix for Vital Statistics of the United States, 1984, Volume II.

There has been an increasing interest in data on the average length of life ($^{\circ}e_0$) for single calendar years before the initiation of the annual abridged life table series for selected race-sex groups in 1945. The figures in table 6-5 for the race and sex groups for the following years were estimated to meet these needs (39).

<u>Years</u>	<u>Race and sex groups</u>
1900-45.....	Total
1900-47.....	Male
1900-47.....	Female
1900-50.....	White
1900-44.....	White, male
1900-44.....	White, female
1900-50.....	All other
1900-44.....	All other, male
1900-44.....	All other, female

The geographic areas covered in life tables before 1929-31 were limited to the death-registration areas. Life tables for 1900-1902 and 1909-11 were constructed using mortality data from the 1900 death-registration States--10 States and the District of Columbia--and for 1919-21 from the 1920 death-registration States- 34 States and the District of Columbia. The tables for 1929-31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959-61 were derived from data that include both Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. It is believed that the inclusion

of these two States does not materially affect life table values.

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

Deaths and population-based rates--Except for 1972, the numbers of deaths reported for a community represent complete counts of such events. As such, they are not subject to sampling error, although they are subject to errors in the registration process. However, when the figures are used for analytical purposes, such as the comparison of rates over a time period or for different areas, the number of events that actually occurred may be considered as one of a large series of possible results that could have arisen under the same circumstances (40). The probable range of values may be estimated from the actual figures according to certain statistical assumptions.

In general, distributions of vital events may be assumed to follow the binomial distribution. Estimates of standard error and tests of significance under this assumption are described in most standard statistics texts. When the number of events is large, the standard error, expressed as a percent of the number or rate, is usually small.

When the number of events is small (perhaps less than 100) and the probability of such an event is small, considerable caution must be observed in interpreting the conditions described by the figures. This is particularly true for infant mortality rates, cause-specific death rates, and death rates for counties. Events of a rare nature may be assumed to follow a Poisson probability distribution. For this distribution, a simple approximation may be used to estimate a confidence interval, as follows.

If N is the number of registered deaths in the population and R is the corresponding rate, the chance is 19 in 20 that

1. $N-2\sqrt{N}$ and $N+2\sqrt{N}$
covers the "true" rate.

2. $R-2\frac{R}{\sqrt{N}}$ and $R+2\frac{R}{\sqrt{N}}$
covers the "true" rate.

If the rate R_1 corresponding to N_1 events is compared with the rate R_2 corresponding to N_2 events, the difference between the two rates may be regarded as statistically significant at the 0.05 level of significance, if it exceeds

$$2\sqrt{\frac{R_1^2}{N_1} + \frac{R_2^2}{N_2}}$$

For example, if the observed death rate for a community were 10.0 per 1,000 population and if this rate were based on 20 recorded deaths, then the chance is 19 in 20 that the "true" death rate for that community lies between 5.5 and 14.5 per 1,000 population. If the death rate for this community of 10.0 per 1,000 population were being compared with a rate of 15.0 per 1,000 population for a second community, which is based on 25 recorded deaths, then the difference between the rates for the two communities is 5.0. This difference is less than twice the standard error of the difference

$$2\sqrt{\frac{(10.0)^2}{20} + \frac{(15.0)^2}{25}}$$

of the two rates, which is computed to be 7.5. From this, it is concluded that the difference between the rates for the two communities is not statistically significant at the 0.05 level of significance.

Rates, proportions, and ratios--Beginning in 1989 an asterisk is shown in place of a rate based on fewer than 20 deaths. These rates have a relative standard error of 23 percent or more and are, therefore, considered highly variable. For age-adjusted death rates, this criterion is applied to the sum of the age-specific deaths.

SYMBOLS USED IN TABLES

Data not available-----	---
Category not applicable-----	...
Quantity zero-----	-
Quantity more than zero but less than 0.05-----	0.0
Quantity more than zero but less than 500 where numbers are rounded to thousands-----	Z

Figure does not meet standard of reliability or precision (estimate is based on fewer than 20 events in numerator or denominator)----- *

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SECTION 7 - TECHNICAL APPENDIX

Table A. Ratio of infant, neonatal, postneonatal, maternal, and perinatal rates with race for live births tabulated according to race of mother to those with race for live births tabulated according to race of child: United States, 1989

Race	Infant deaths	Neonatal deaths	Postneonatal deaths	Maternal deaths	Fetal deaths	Perinatal Definition		
						I	II	III
All Races	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
White	0.98	0.98	0.98	0.98	1.00	0.99	0.99	0.99
Black	1.05	1.05	1.05	1.05	1.02	1.04	1.04	1.04
Am. Indian	1.25	1.25	1.25	*	1.07	1.17	1.14	1.13
Chinese	1.07	1.07	1.07	*	0.99	1.03	1.03	1.02
Japanese	1.22	1.22	*	*	0.94	1.06	1.05	1.05
Hawaiian	1.45	1.45	1.45	*	1.15	1.31	1.28	1.26
Filipino	1.06	1.06	1.06	*	1.03	1.04	1.04	1.04
Other Asian	1.09	1.09	1.09	*	1.01	1.04	1.04	1.04
Other nonwhite	*	*	*	*	1.03	1.21	1.21	1.21

SECTION 7 - TECHNICAL APPENDIX

Table B. Infant mortality rates by race of mother for period 1984-85 and for birth cohorts 1984-85; and ratio of birth cohort to period rates: United States

[Rates per 1,000 live births in specified groups]

Race	Period rate 1984-85	Birth cohort rate 1984-85	Ratio cohort/ period rates
ALL races	10.7	10.4	0.97
White	9.3	8.9	0.96
Black	19.1	18.4	0.96
American Indian	11.7	13.2	1.13
Chinese	5.9	6.5	1.10
Japanese	5.3	6.2	1.17
Filipino	5.4	8.1	1.50
Other Asian	7.8	9.1	1.17
Other Nonwhite	7.7	9.8	1.27

NOTE: Births for race not stated are not distributed.

SECTION 7 - TECHNICAL APPENDIX

Table C. Infant mortality rates by specified Hispanic origin of mother for period 1986 and birth cohort of 1986; 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	Cohort rate 1986	Ratio cohort/ period rates
All origins	10.2	9.9	0.97
Hispanic total	8.0	8.4	1.05
Mexican	7.7	7.9	1.03
Puerto Rican	8.6	11.8	1.37
Cuban	*	8.2	*
Other Hispanic ¹	9.1	8.4	0.92
Non-Hispanic total ²	10.0	10.1	1.01
White	8.6	8.3	0.97
Black	16.9	17.8	1.05

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

² Includes races other than white and black.

SECTION 7 - TECHNICAL APPENDIX

Table D. Period of gestation at which fetal-death reporting is required: Each reporting area, 1989

Area	All period of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Alabama				X					
Alaska				X					
Arizona				X ¹					
Arkansas		X ²							
California				X					
Colorado		X ²							
Connecticut				X					
Delaware				X					
District of Columbia							X		
Florida				X					
Georgia		X							
Hawaii		X							
Idaho					X				
Illinois				X					
Indiana				X					
Iowa				X					
Kansas								X	
Kentucky					X				
Louisiana					X				
Maine		X ²							
Maryland				X ²					
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 ¹
Texas				X					
Utah				X					
Vermont				X ⁴					
Virginia		X							
Washington				X					
West Virginia				X					
Wisconsin					X				
Wyoming				X					
Puerto Rico							X		
Virgin Islands		X							
Guam				X					

1. If gestational age is unknown, weight of 350 grams or more.
2. Although state law requires the reporting of fetal deaths of all periods of gestation, only data for fetal deaths of 20 weeks or more gestation are provided to NCHS.
3. If gestational age is unknown, weight of 500 grams or more.
4. If gestational age is unknown, weight of 400 grams or more, or crown-heel of 28 centimeters or more.
5. If weight is unknown, 22 completed weeks' gestation or more.
6. If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

SECTION 7 - TECHNICAL APPENDIX

Table E. Source for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900-1932, and United States, 1900-1989

Year	Source
1989.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1057, 1990.
1988.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1045, 1990.
1986-87.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1022, Mar. 1988.
1985.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 1000, Feb. 1987.
1984.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 985, Apr. 1986.
1983.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.965, Mar. 1985.
1982.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 949, May. 1984.
1981.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 929, May. 1983.
1980.....	U.S. Bureau of the Census, <u>U.S. Census of Population:1980, Number of Inhabitants,PC80-1A1, United States Summary, 1983.</u>
1971-79.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 917, July 1982.
1970.....	U.S. Bureau of Census, <u>U.S. Census of Population:1970, Number of Inhabitants,Final Report PC(1)-A1, United States Summary, 1971.</u>
1961-69.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 519, April 1974.
1960.....	U.S. Bureau of the Census, <u>U.S. Census of Population: 1960, Number of Inhabitants, PC (1)-A1, United States Summary, 1964.</u>
1951-59.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No.310, June 30, 1965.
1940-50.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973.
1930-39.....	U.S. Bureau of the Census, <u>Current Population Reports</u> , Series P-25, No. 499, May 1973, and National Office of <u>Vital Statistics, Vital Statistics Rates in the United States, 1900-1940, 1947.</u>
1920-29.....	National Office of Vital Statistics, <u>Vital Statistics Rates in the United States, 1900-1940, 1947.</u>
1917-19.....	Same as for 1930-39
1900-1916...	Same as for 1920-29

U.S. STANDARD CERTIFICATE OF DEATH

LOCAL FILE NUMBER

STATE FILE NUMBER

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

1. DECEDENT'S NAME (First, Middle, Last)		2. SEX	3. DATE OF DEATH (Month, Day, Year)
4. SOCIAL SECURITY NUMBER	5a. AGE—Last Birthday (Years)	5b. UNDER 1 YEAR Months | Days	5c. UNDER 1 DAY Hours | Minutes
6. DATE OF BIRTH (Month, Day, Year)		7. BIRTHPLACE (City and State or Foreign Country)	
8. WAS DECEDENT EVER IN U.S. ARMED FORCES? (Yes or no)		9a. PLACE OF DEATH (Check only one. see instructions on other side)	
HOSPITAL: <input type="checkbox"/> Inpatient <input type="checkbox"/> ER/Outpatient <input type="checkbox"/> DOA		OTHER: <input type="checkbox"/> Nursing Home <input type="checkbox"/> Residence <input type="checkbox"/> Other (Specify)	
9b. FACILITY NAME (If not institution, give street and number)		9c. CITY, TOWN, OR LOCATION OF DEATH	9d. COUNTY OF DEATH
10. MARITAL STATUS—Married, Never Married, Widowed, Divorced (Specify)	11. SURVIVING SPOUSE (If wife, give maiden name)	12a. DECEDENT'S USUAL OCCUPATION (Give kind of work done during most of working life. Do not use retired.)	12b. KIND OF BUSINESS/INDUSTRY
13a. RESIDENCE—STATE	13b. COUNTY	13c. CITY, TOWN, OR LOCATION	13d. STREET AND NUMBER
13e. INSIDE CITY LIMITS? (Yes or no)	13f. ZIP CODE	14. WAS DECEDENT OF HISPANIC ORIGIN? (Specify No or Yes—If yes, specify Cuban, Mexican, Puerto Rican, etc.) <input type="checkbox"/> No <input type="checkbox"/> Yes Specify.	15. RACE—American Indian, Black, White, etc (Specify)
16. DECEDENT'S EDUCATION (Specify only highest grade completed)		Elementary/Secondary (0-12) | College (1-4 or 5+)	
17. FATHER'S NAME (First, Middle, Last)		18. MOTHER'S NAME (First, Middle, Maiden Surname)	
19a. INFORMANT'S NAME (Type/Print)		19b. MAILING ADDRESS (Street and Number or Rural Route Number, City or Town, State, Zip Code)	
20a. METHOD OF DISPOSITION <input type="checkbox"/> Burial <input type="checkbox"/> Cremation <input type="checkbox"/> Removal from State <input type="checkbox"/> Donation <input type="checkbox"/> Other (Specify)		20b. PLACE OF DISPOSITION (Name of cemetery, crematory, or other place)	20c. LOCATION—City or Town, State
21a. SIGNATURE OF FUNERAL SERVICE LICENSEE OR PERSON ACTING AS SUCH		21b. LICENSE NUMBER (of Licensee)	22. NAME AND ADDRESS OF FACILITY
23a. To the best of my knowledge, death occurred at the time, date, and place stated. Signature and Title		23b. LICENSE NUMBER	23c. DATE SIGNED (Month, Day, Year)
24. TIME OF DEATH M	25. DATE PRONOUNCED DEAD (Month, Day, Year)	26. WAS CASE REFERRED TO MEDICAL EXAMINER/CORONER (Yes or no)	
27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line. IMMEDIATE CAUSE (Final disease or condition resulting in death) → Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST			Approximate Interval Between Onset and 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)			
d. _____			
PART II. Other significant conditions contributing to death but not resulting in the underlying cause given in Part I			28a. WAS AN AUTOPSY PERFORMED? (Yes or no)
			28b. WERE AUTOPSY FINDINGS AVAILABLE PRIOR TO COMPLETION OF CAUSE OF DEATH? (Yes or no)
29. MANNER OF DEATH <input type="checkbox"/> Natural <input type="checkbox"/> Pending Investigation <input type="checkbox"/> Accident <input type="checkbox"/> Could not be Determined <input type="checkbox"/> Suicide <input type="checkbox"/> Homicide		30a. DATE OF INJURY (Month, Day, Year)	30b. TIME OF INJURY M
		30c. INJURY AT WORK? (Yes or no)	30d. DESCRIBE HOW INJURY OCCURRED
		30e. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify)	30f. LOCATION (Street and Number or Rural Route Number, City or Town, State)
31a. CERTIFIER (Check only one) <input type="checkbox"/> CERTIFYING PHYSICIAN (Physician certifying cause of death when another physician has pronounced death and completed item 23) To the best of my knowledge, death occurred due to the cause(s) and manner as stated. <input type="checkbox"/> PRONOUNCING AND CERTIFYING PHYSICIAN (Physician both pronouncing death and certifying to cause of death) To the best of my knowledge, death occurred at the time, date, and place, and due to the cause(s) and manner as stated. <input type="checkbox"/> MEDICAL EXAMINER/CORONER On the basis of examination and/or investigation, in my opinion, death occurred at the time, date, and place, and due to the cause(s) and manner as stated.			
31b. SIGNATURE AND TITLE OF CERTIFIER		31c. LICENSE NUMBER	31d. DATE SIGNED (Month, Day, Year)
32. NAME AND ADDRESS OF PERSON WHO COMPLETED CAUSE OF DEATH (ITEM 27) (Type/Print)			
33. REGISTRAR'S SIGNATURE			34. DATE FILED (Month, Day, Year)

NAME OF DECEDENT. For use by physician or institution

SEE INSTRUCTIONS ON OTHER SIDE

SEE DEFINITION ON OTHER SIDE

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

SEE INSTRUCTIONS ON OTHER SIDE

SEE DEFINITION ON OTHER SIDE

1969 REVISION NATIONAL CENTER FOR HEALTH STATISTICS DEPARTMENT OF HEALTH AND HUMAN SERVICES - PUBLIC HEALTH SERVICE

INSTRUCTIONS FOR SELECTED ITEMS

Item 9.— Place of Death

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

Items 13a-f. — Residence of Decedent

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

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

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

Items 23 and 31 — Medical Certification

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

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

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

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

Item 27. — Cause of Death

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

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

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

See examples below.

SEE INSTRUCTIONS ON OTHER SIDE	27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.				Approximate Interval Between Onset and Death
	IMMEDIATE CAUSE (Final disease or condition resulting in death) →	a. <u>Rupture of myocardium</u> DUE TO IOR AS A CONSEQUENCE OF:	Mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST .	b. <u>Acute myocardial infarction</u> DUE TO IOR AS A CONSEQUENCE OF:	6 days		
		c. <u>Chronic ischemic heart disease</u> DUE TO IOR AS A CONSEQUENCE OF:	5 years		
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)
<u>Diabetes, Chronic obstructive pulmonary disease, smoking</u>				Yes	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	30c. INJURY AT WORK? (Yes or no)	30d. DESCRIBE HOW INJURY OCCURRED
		30e. PLACE OF INJURY —At home, farm, street, factory, office building, etc. (Specify)	30f. LOCATION (Street and Number or Rural Route Number, City or Town, State)		

SEE INSTRUCTIONS ON OTHER SIDE	27. PART I. Enter the diseases, injuries, or complications that caused the death. Do not enter the mode of dying, such as cardiac or respiratory arrest, shock, or heart failure. List only one cause on each line.				Approximate Interval Between Onset and Death
	IMMEDIATE CAUSE (Final disease or condition resulting in death) →	a. <u>Cerebral laceration</u> DUE TO IOR AS A CONSEQUENCE OF:	10 mins.		
	Sequentially list conditions, if any, leading to immediate cause. Enter UNDERLYING CAUSE (Disease or injury that initiated events resulting in death) LAST .	b. <u>Open skull fracture</u> DUE TO IOR AS A CONSEQUENCE OF:	10 mins.		
		c. <u>Automobile accident</u> DUE TO IOR AS A CONSEQUENCE OF:	10 mins.		
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)
				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)	30b. TIME OF INJURY	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)		
		<u>11/15/85</u>	<u>1 p. M</u>	<u>No</u>	<u>2-car collision—driver</u>
		<u>Street</u>	<u>Route 4, Raleigh, North Carolina</u>		

**U.S. STANDARD
REPORT OF FETAL DEATH**

STATE FILE NUMBER _____

TYPE/PRINT
IN
PERMANENT
BLACK INK
FOR
INSTRUCTIONS
SEE
HANDBOOK

1 FACILITY NAME (If not institution, give street and number)				
2. CITY, TOWN, OR LOCATION OF DELIVERY		3 COUNTY OF DELIVERY	4 DATE OF DELIVERY (Month, Day, Year)	5 SEX OF FETUS
6a MOTHER'S NAME (First, Middle, Last)			6b MAIDEN SURNAME	7 DATE OF BIRTH (Month, Day, Year)
8a RESIDENCE STATE	8b COUNTY	8c CITY, TOWN, OR LOCATION	8d STREET AND NUMBER	
9a INSIDE CITY LIMITS? (Yes or no)	9f ZIP CODE	9 FATHER'S NAME (First, Middle, Last)		10 DATE OF BIRTH (Month, Day, Year)
11 OF HISPANIC ORIGIN? (Specify No or Yes—If yes specify Cuban, Mexican, Puerto Rican, etc.)		12. RACE—American Indian, Black, White, etc (Specify below)		13 EDUCATION (Specify only highest grade completed)
11a. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify _____		12a. _____		13a. Elementary/Secondary (0-12) _____ College (1-4 or 5+) _____
11b. <input type="checkbox"/> No <input type="checkbox"/> Yes Specify _____		12b. _____		13b. _____
				14 OCCUPATION AND BUSINESS/INDUSTRY (Worked during last year)
				14a. Occupation _____ 14b. Business/Industry _____
				14c. _____ 14d. _____
15. PREGNANCY HISTORY (Complete each section)			16 MOTHER MARRIED? (As delivery conception or any time between) (Yes or no)	17 DATE LAST NORMAL MENSES BEGAN (Month, Day, Year)
LIVE BIRTHS		OTHER TERMINATIONS (Spontaneous and induced at any time after conception) (Do not include this fetus)		18 MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third etc (Specify)
15a. Now Living Number _____ <input type="checkbox"/> None	15b. Now Dead Number _____ <input type="checkbox"/> None	15d. _____ <input type="checkbox"/> None		
15c. DATE OF LAST LIVE BIRTH (Month, Year)		15e. DATE OF LAST OTHER TERMINATION (Month, Year)		20 WEIGHT OF FETUS (Specify Unit)
				21 CLINICAL ESTIMATE OF GESTATION (Weeks)
				22a PLURALITY—Single, Twin, Triplet etc (Specify)
				22b IF NOT SINGLE BIRTH—Born First, Second, Third etc (Specify)
23a MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)		24 OBSTETRIC PROCEDURES (Check all that apply)		27 CONGENITAL ANOMALIES OF FETUS (Check all that apply)
Anemia (Hct < 30/Hgb < 10) <input type="checkbox"/> 01 Cardiac disease <input type="checkbox"/> 02 Acute or chronic lung disease <input type="checkbox"/> 03 Diabetes <input type="checkbox"/> 04 Genital herpes <input type="checkbox"/> 05 Hydramnios/Oligohydramnios <input type="checkbox"/> 06 Hemoglobinopathy <input type="checkbox"/> 07 Hypertension, chronic <input type="checkbox"/> 08 Hypertension, pregnancy associated <input type="checkbox"/> 09 Eclampsia <input type="checkbox"/> 10 Incompetent cervix <input type="checkbox"/> 11 Previous infant 4000+ grams <input type="checkbox"/> 12 Previous preterm or small-for-gestational age infant <input type="checkbox"/> 13 Renal disease <input type="checkbox"/> 14 Rh sensitization <input type="checkbox"/> 15 Uterine bleeding <input type="checkbox"/> 16 None <input type="checkbox"/> 00 Other _____ <input type="checkbox"/> 17 (Specify)		Amniocentesis <input type="checkbox"/> 01 Electronic fetal monitoring <input type="checkbox"/> 02 Induction of labor <input type="checkbox"/> 03 Stimulation of labor <input type="checkbox"/> 04 Tocolysis <input type="checkbox"/> 05 Ultrasound <input type="checkbox"/> 06 None <input type="checkbox"/> 00 Other _____ <input type="checkbox"/> 07 (Specify)		Anencephalus <input type="checkbox"/> 01 Spina bifida/Meningocele <input type="checkbox"/> 02 Hydrocephalus <input type="checkbox"/> 03 Microcephalus <input type="checkbox"/> 04 Other central nervous system anomalies (Specify) _____ <input type="checkbox"/> 05 Heart malformations <input type="checkbox"/> 06 Other circulatory/respiratory anomalies (Specify) _____ <input type="checkbox"/> 07 Rectal atresia/stenosis <input type="checkbox"/> 08 Tracheo-esophageal fistula Esophageal atresia <input type="checkbox"/> 09 Omphalocele/Gastroschisis <input type="checkbox"/> 10 Other gastrointestinal anomalies (Specify) _____ <input type="checkbox"/> 11 Malformed genitalia <input type="checkbox"/> 12 Renal agenesis <input type="checkbox"/> 13 Other urogenital anomalies (Specify) _____ <input type="checkbox"/> 14 Cleft lip/palate <input type="checkbox"/> 15 Polydactyly/Syndactyly/Adactyly <input type="checkbox"/> 16 Club foot <input type="checkbox"/> 17 Diaphragmatic hernia <input type="checkbox"/> 18 Other musculoskeletal/integumental anomalies (Specify) _____ <input type="checkbox"/> 19 Down's syndrome <input type="checkbox"/> 20 Other chromosomal anomalies (Specify) _____ <input type="checkbox"/> 21 None <input type="checkbox"/> 00 Other _____ <input type="checkbox"/> 22 (Specify)
23b OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)		25. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)		
Tobacco use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/> Average number cigarettes per day _____ Alcohol use during pregnancy Yes <input type="checkbox"/> No <input type="checkbox"/> Average number drinks per week _____ Weight gained during pregnancy _____ lbs		25. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply) Febrile (> 100°F or 38°C) <input type="checkbox"/> 01 Meconium, moderate/heavy <input type="checkbox"/> 02 Premature rupture of membrane (> 12 hours) <input type="checkbox"/> 03 Abruptio placenta <input type="checkbox"/> 04 Placenta previa <input type="checkbox"/> 05 Other excessive bleeding <input type="checkbox"/> 06 Seizures during labor <input type="checkbox"/> 07 Precipitous labor (< 3 hours) <input type="checkbox"/> 08 Prolonged labor (> 20 hours) <input type="checkbox"/> 09 Dysfunctional labor <input type="checkbox"/> 10 Breech/Malpresentation <input type="checkbox"/> 11 Cephalopelvic disproportion <input type="checkbox"/> 12 Cord prolapse <input type="checkbox"/> 13 Anesthetic complications <input type="checkbox"/> 14 Fetal distress <input type="checkbox"/> 15 None <input type="checkbox"/> 00 Other _____ <input type="checkbox"/> 16 (Specify)		
		26. METHOD OF DELIVERY (Check all that apply)		
		Vaginal <input type="checkbox"/> 01 Vaginal birth after previous C-section <input type="checkbox"/> 02 Primary C section <input type="checkbox"/> 03 Repeat C section <input type="checkbox"/> 04 Forceps <input type="checkbox"/> 05 Vacuum <input type="checkbox"/> 06 Hysterotomy/Hysterectomy <input type="checkbox"/> 07		
28 Enter only one cause per line for a, b, and c				
PART I. Fetal or maternal condition directly causing fetal death		IMMEDIATE CAUSE		Specify Fetal or Maternal
Fetal and/or maternal conditions if any giving rise to the immediate cause(s) stating the underlying cause last		DUE TO (OR AS A CONSEQUENCE OF)		Specify Fetal or Maternal
		b DUE TO (OR AS A CONSEQUENCE OF)		Specify Fetal or Maternal
		c _____		
PART II Other significant conditions of fetus or mother contributing to fetal death but not resulting in the underlying cause given in Part I				29 FETUS DIED BEFORE LABOR DURING LABOR OR DELIVERY UNKNOWN (Specify)
30 ATTENDANT'S NAME AND TITLE (Type/Print)				31 NAME AND TITLE OF PERSON COMPLETING REPORT (Type/Print)
Name _____ <input type="checkbox"/> M.D. <input type="checkbox"/> D.O. <input type="checkbox"/> C.N.M. <input type="checkbox"/> Other Midwife <input type="checkbox"/> Other (Specify) _____				Name _____ Title _____

DEPARTMENT OF HEALTH AND HUMAN SERVICES - NATIONAL CENTER FOR HEALTH STATISTICS - 1988 REVISION

MENTAL AND REPRODUCTIVE INFORMATION

CHILD BIRTH RECORD

SECTION 7 - TECHNICAL APPENDIX - PAGE 26

Table 7-1. Population of Birth- and Death-Registration States, 1900-1932, and United States, 1900-1989

[Population enumerated as of April 1 for 1940, 1950, 1960, 1970, and 1980 and estimated as of July 1 for all other years]

Year	United States ¹		Year	United States ¹		Birth-registration States		Death-registration States	
	Population including Armed Forces abroad	Population residing in area		Population including Armed Forces abroad	Population residing in area	Number of States ²	Population residing in area	Number of States ²	Population residing in area
1989	248,762,000	248,239,000	1944	138,397,000	132,885,000	...	...	...	...
1988	246,329,000	245,807,000	1943	136,739,000	134,245,000	...	...	...	...
1987	243,915,000	243,400,000	1942	134,860,000	133,920,000	...	...	...	...
1986	241,613,000	241,096,000	1941	133,402,000	133,121,000	...	...	...	...
1985	239,283,000	238,741,000	1940	131,820,000	131,669,275	...	...	...	...
1984	237,019,000	236,495,000	1939	131,028,000	130,679,718	...	...	...	...
1983	234,538,000	234,023,000	1938	129,969,000	129,824,939	...	...	...	...
1982	232,309,000	231,786,000	1937	128,961,000	128,824,829	...	...	...	...
1981	229,849,000	229,348,000	1936	128,181,000	128,053,180	...	...	...	...
1980	227,061,000	226,545,805	1935	127,362,000	127,250,232	...	...	...	...
1979	225,055,000	224,567,000	1934	126,485,000	126,373,773	...	...	...	...
1978	222,585,000	222,095,000	1933	125,690,000	125,578,763	...	...	...	...
1977	220,239,000	219,760,000	1932	124,949,000	124,840,471	47	118,903,899	47	118,903,899
1976	218,035,000	217,563,000	1931	124,149,000	124,039,648	46	117,455,229	47	118,148,987
1975	215,973,000	215,465,000	1930	123,188,000	123,076,741	46	116,544,946	47	117,238,278
1974	213,854,000	213,342,000	1929	---	121,769,939	46	115,317,450	46	115,317,450
1973	211,909,000	211,357,000	1928	---	120,501,115	44	113,636,160	44	113,636,160
1972	209,896,000	209,284,000	1927	---	119,038,062	40	104,320,830	42	107,084,532
1971	207,681,000	206,827,000	1926	---	117,399,225	35	90,400,590	41	103,822,683
1970	204,270,000	203,211,926	1925	---	115,831,963	33	88,294,564	40	102,031,555
1969	202,677,000	201,385,000	1924	---	114,113,463	33	87,000,295	39	99,318,098
1968	200,706,000	199,399,000	1923	---	111,949,945	30	81,072,123	38	96,788,197
1967	198,712,000	197,457,000	1922	---	110,054,778	30	79,560,746	37	92,702,901
1966	196,560,000	195,576,000	1921	---	108,541,489	27	70,807,090	34	87,814,447
1965	194,303,000	193,526,000	1920	---	106,466,420	23	63,597,307	34	86,079,263
1964	191,889,000	191,141,000	1919	105,063,000	104,512,110	22	61,212,076	33	83,157,982
1963	189,242,000	188,483,000	1918	104,550,000	103,202,801	20	55,153,782	30	79,008,412
1962	186,538,000	185,771,000	1917	103,414,000	103,265,913	20	55,197,952	27	70,234,775
1961	183,691,000	182,992,000	1916	---	101,965,984	11	32,944,013	26	66,971,177
1960	179,933,000	179,323,175	1915	---	100,549,013	10	31,096,697	24	61,894,847
1959	177,264,000	176,513,000	1914	---	99,117,567	...	...	24	60,963,309
1958	174,141,000	173,320,000	1913	---	97,226,814	...	...	23	58,156,740
1957	171,274,000	170,371,000	1912	---	95,331,300	...	...	22	54,847,700
1956	168,221,000	167,306,000	1911	---	93,867,814	...	...	22	53,929,644
1955	165,275,000	164,308,000	1910	---	92,406,536	...	...	20	47,470,437
1954	162,391,000	161,164,000	1909	---	90,491,525	...	...	18	44,223,513
1953	159,565,000	158,242,000	1908	---	88,708,976	...	...	17	38,634,759
1952	156,954,000	155,687,000	1907	---	87,000,271	...	...	15	34,552,837
1951	154,287,000	153,310,000	1906	---	85,436,556	...	...	15	33,782,288
1950	151,132,000	150,697,361	1905	---	83,819,666	...	...	10	21,767,980
1949	149,188,000	148,665,000	1904	---	82,164,974	...	...	10	21,332,076
1948	146,631,000	146,093,000	1903	---	80,632,152	...	...	10	20,943,222
1947	144,126,000	143,446,000	1902	---	79,160,196	...	...	10	20,582,907
1946	141,389,000	140,054,000	1901	---	77,585,128	...	...	10	20,237,453
1945	139,928,000	132,481,000	1900	---	76,094,134	...	...	10	19,965,446

¹ Alaska included beginning 1959 and Hawaii, 1960.
² The District of Columbia is not included in "Number of States," but it is represented in all data shown for each year.

SOURCE: Published and unpublished data from the U.S. Bureau of the Census; see text.

SECTION 7 - TECHNICAL APPENDIX - PAGE 27

Table 7-2. Estimated Population of the United States, by 5-Year Age Groups, Race, and Sex: July 1, 1989

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States. Due to rounding to the nearest thousand, detailed figures may not add to totals]

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages	248,239,000	120,982,000	127,258,000	208,961,000	102,223,000	106,738,000	39,278,000	18,758,000	20,520,000	30,660,000	14,545,000	16,115,000
Under 1 year	3,945,000	2,020,000	1,925,000	3,163,000	1,623,000	1,541,000	782,000	397,000	385,000	619,000	314,000	305,000
1-4 years	14,807,000	7,578,000	7,229,000	11,887,000	6,093,000	5,794,000	2,920,000	1,485,000	1,435,000	2,271,000	1,155,000	1,116,000
5-9 years	18,212,000	9,321,000	8,891,000	14,628,000	7,504,000	7,124,000	3,584,000	1,817,000	1,767,000	2,802,000	1,423,000	1,378,000
10-14 years	16,950,000	8,689,000	8,260,000	13,574,000	6,973,000	6,601,000	3,375,000	1,716,000	1,659,000	2,679,000	1,362,000	1,318,000
15-19 years	17,812,000	9,091,000	8,721,000	14,343,000	7,327,000	7,015,000	3,469,000	1,764,000	1,705,000	2,758,000	1,394,000	1,365,000
20-24 years	18,702,000	9,368,000	9,334,000	15,359,000	7,731,000	7,628,000	3,343,000	1,637,000	1,706,000	2,851,000	1,279,000	1,372,000
25-29 years	21,899,000	10,865,000	10,834,000	18,103,000	9,142,000	8,960,000	3,597,000	1,723,000	1,874,000	2,827,000	1,342,000	1,485,000
30-34 years	22,135,000	11,078,000	11,058,000	18,567,000	9,385,000	9,182,000	3,568,000	1,693,000	1,875,000	2,744,000	1,289,000	1,455,000
35-39 years	19,621,000	9,731,000	9,890,000	16,625,000	8,342,000	8,283,000	2,996,000	1,389,000	1,606,000	2,260,000	1,035,000	1,225,000
40-44 years	18,882,000	8,294,000	8,588,000	14,550,000	7,229,000	7,321,000	2,331,000	1,064,000	1,267,000	1,726,000	782,000	945,000
45-49 years	13,521,000	6,601,000	6,920,000	11,872,000	5,758,000	5,915,000	1,849,000	843,000	1,008,000	1,395,000	626,000	769,000
50-54 years	11,375,000	5,509,000	5,866,000	9,789,000	4,791,000	4,998,000	1,586,000	719,000	868,000	1,223,000	544,000	679,000
55-59 years	10,726,000	5,121,000	5,605,000	9,310,000	4,480,000	4,830,000	1,416,000	641,000	775,000	1,116,000	508,000	608,000
60-64 years	10,867,000	5,079,000	5,788,000	9,569,000	4,498,000	5,071,000	1,298,000	581,000	718,000	1,035,000	467,000	567,000
65-69 years	10,170,000	4,631,000	5,538,000	9,029,000	4,130,000	4,899,000	1,141,000	502,000	639,000	916,000	402,000	515,000
70-74 years	8,012,000	3,484,000	4,549,000	7,193,000	3,120,000	4,074,000	819,000	344,000	475,000	661,000	274,000	386,000
75-79 years	6,033,000	2,385,000	3,648,000	5,430,000	2,147,000	3,282,000	603,000	238,000	365,000	486,000	187,000	299,000
80-84 years	3,728,000	1,306,000	2,422,000	3,409,000	1,169,000	2,220,000	319,000	117,000	201,000	256,000	91,000	165,000
85 years and over	3,042,000	850,000	2,192,000	2,761,000	761,000	2,000,000	281,000	89,000	192,000	236,000	72,000	165,000

SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, No. 1057.

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Table 7-3. Estimated Population, by Age, for the United States, Each Division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1989

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States. Due to rounding to the nearest thousand, detailed figures may not add to totals]

Division and State	Total	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over
United States	248,239,000	18,752,000	52,974,000	99,039,000	48,489,000	30,985,000
Geographic divisions:						
New England	13,046,000	918,000	2,536,000	5,299,000	2,537,000	1,758,000
Middle Atlantic	37,726,000	2,655,000	7,493,000	14,809,000	7,783,000	5,182,000
East North Central	42,298,000	3,080,000	9,209,000	16,732,000	7,896,000	5,279,000
West North Central	17,851,000	1,302,000	3,842,000	6,979,000	3,272,000	2,458,000
South Atlantic	43,116,000	3,137,000	8,879,000	16,962,000	8,427,000	5,711,000
East South Central	15,406,000	1,090,000	3,515,000	8,011,000	2,845,000	1,945,000
West South Central	27,003,000	2,247,000	6,342,000	10,853,000	4,578,000	2,984,000
Mountain	13,514,000	1,142,000	3,143,000	5,503,000	2,234,000	1,488,000
Pacific	38,283,000	3,183,000	8,018,000	18,091,000	6,821,000	4,172,000
New England:						
Maine	1,222,000	84,000	259,000	484,000	230,000	184,000
New Hampshire	1,107,000	85,000	232,000	483,000	203,000	126,000
Vermont	567,000	40,000	120,000	240,000	100,000	68,000
Massachusetts	5,913,000	413,000	1,105,000	2,441,000	1,142,000	813,000
Rhode Island	998,000	69,000	193,000	397,000	191,000	147,000
Connecticut	3,239,000	227,000	627,000	1,274,000	671,000	440,000
Middle Atlantic:						
New York	17,950,000	1,306,000	3,582,000	7,012,000	3,707,000	2,340,000
New Jersey	7,736,000	548,000	1,514,000	3,009,000	1,643,000	1,022,000
Pennsylvania	12,040,000	801,000	2,397,000	4,588,000	2,433,000	1,820,000
East North Central:						
Ohio	10,907,000	782,000	2,376,000	4,233,000	2,115,000	1,398,000
Indiana	5,593,000	394,000	1,248,000	2,209,000	1,049,000	693,000
Illinois	11,658,000	884,000	2,472,000	4,858,000	2,229,000	1,438,000
Michigan	9,273,000	684,000	2,063,000	3,708,000	1,718,000	1,099,000
Wisconsin	4,873,000	356,000	1,048,000	1,926,000	885,000	651,000
West North Central:						
Minnesota	4,353,000	329,000	932,000	1,764,000	780,000	550,000
Iowa	2,840,000	188,000	606,000	1,100,000	517,000	429,000
Missouri	5,159,000	370,000	1,093,000	1,982,000	997,000	718,000
North Dakota	660,000	50,000	150,000	281,000	108,000	91,000
South Dakota	715,000	55,000	162,000	287,000	127,000	103,000
Nebraska	1,611,000	119,000	355,000	624,000	289,000	223,000
Kansas	2,513,000	191,000	544,000	981,000	454,000	344,000
South Atlantic:						
Delaware	673,000	50,000	139,000	271,000	133,000	79,000
Maryland	4,894,000	358,000	945,000	1,951,000	930,000	510,000
District of Columbia	604,000	48,000	108,000	257,000	115,000	75,000
Virginia	6,098,000	444,000	1,236,000	2,587,000	1,174,000	858,000
West Virginia	1,857,000	110,000	414,000	716,000	348,000	272,000
North Carolina	6,571,000	484,000	1,398,000	2,845,000	1,267,000	799,000
South Carolina	3,512,000	265,000	808,000	1,423,000	626,000	391,000
Georgia	6,436,000	511,000	1,500,000	2,807,000	1,166,000	853,000
Florida	12,671,000	887,000	2,331,000	4,505,000	2,670,000	2,276,000
East South Central:						
Kentucky	3,727,000	250,000	839,000	1,480,000	685,000	472,000
Tennessee	4,940,000	340,000	1,074,000	1,955,000	947,000	624,000
Alabama	4,118,000	297,000	945,000	1,585,000	758,000	522,000
Mississippi	2,621,000	203,000	657,000	981,000	455,000	327,000
West South Central:						
Arkansas	2,406,000	173,000	552,000	875,000	450,000	355,000
Louisiana	4,382,000	362,000	1,050,000	1,781,000	724,000	488,000
Oklahoma	3,224,000	233,000	722,000	1,269,000	571,000	428,000
Texas	16,991,000	1,479,000	4,018,000	6,948,000	2,833,000	1,713,000
Mountain:						
Montana	806,000	60,000	183,000	318,000	140,000	106,000
Idaho	1,014,000	79,000	258,000	398,000	159,000	120,000
Wyoming	475,000	36,000	114,000	219,000	60,000	48,000
Colorado	3,317,000	262,000	704,000	1,474,000	553,000	323,000
New Mexico	1,528,000	134,000	368,000	601,000	285,000	160,000
Arizona	3,558,000	310,000	779,000	1,371,000	630,000	465,000
Utah	1,707,000	175,000	517,000	851,000	218,000	147,000
Nevada	1,111,000	86,000	220,000	473,000	209,000	121,000
Pacific:						
Washington	4,781,000	357,000	1,002,000	2,031,000	802,000	588,000
Oregon	2,820,000	194,000	584,000	1,180,000	470,000	392,000
California	29,063,000	2,488,000	6,069,000	12,177,000	5,259,000	3,072,000
Alaska	527,000	55,000	128,000	241,000	82,000	21,000
Hawaii	1,112,000	89,000	235,000	482,000	208,000	119,000
Puerto Rico ¹	---	---	---	---	---	---
Virgin Islands ¹	---	---	---	---	---	---
Guam ¹	---	---	---	---	---	---

¹ Populations for Puerto Rico, Virgin Islands, and Guam are not available for 1989.
SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, Nos. 1058 and unpublished data.

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Table 7-4. Ratio of Census-Level Resident Population to Resident Population Adjusted for Estimated Net Census Undercount by Age, Sex, and Race: April 1, 1980

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages	0.9862	0.9783	0.9958	0.9916	0.9839	0.9990	0.9543	0.9309	0.9765	0.9392	0.9103	0.9669
Under 5 years	0.8806	0.8800	0.8812	0.8983	0.8988	0.8996	0.9024	0.8998	0.9051	0.9047	0.9018	0.9077
Under 1 year	1.0025	1.0019	1.0031	1.0248	1.0245	1.0246	.9112	.9057	.9169	.9205	.9149	.9262
1-4 years	.9747	.9743	.9754	.9926	.9920	.9932	.9000	.8982	.9019	.9004	.8982	.9027
5-14 years	.9917	.9916	.9919	.9981	.9982	.9980	.9626	.9614	.9638	.9603	.9591	.9623
5-9 years	.9852	.9846	.9859	.9957	.9955	.9960	.9383	.9370	.9416	.9393	.9370	.9424
10-14 years	.9978	.9982	.9974	1.0003	1.0008	.9998	.9858	.9858	.9859	.9808	.9807	.9816
15-24 years	.9921	.9846	.9999	.9940	.9871	1.0011	.9623	.9711	.9837	.9899	.9526	.9850
15-19 years	1.0011	.9988	1.0034	1.0003	.9976	1.0030	1.0051	1.0052	1.0055	.9980	.9958	1.0001
20-24 years	.9834	.9706	.9965	.9879	.9789	.9993	.9590	.9354	.9819	.9390	.9076	.9696
25-34 years	.9793	.9629	.9961	.9650	.9722	.9980	.9486	.9059	.9852	.9181	.8870	.9678
25-29 years	.9742	.9581	.9908	.9799	.9673	.9929	.9422	.9040	.9786	.9188	.8895	.9628
30-34 years	.9650	.9683	1.0020	.9905	.9778	1.0036	.9519	.9081	.9931	.9197	.8638	.9735
35-44 years	.9761	.9575	.9947	.9655	.9719	.9992	.9183	.8665	.9680	.8882	.8235	.9501
35-39 years	.9776	.9597	.9955	.9880	.9730	.9991	.9248	.8743	.9736	.8968	.8322	.9588
40-44 years	.9743	.9549	.9937	.9849	.9706	.9992	.9107	.8576	.9614	.8782	.8135	.9401
45-54 years	.9784	.9589	.9973	.9882	.9723	.9998	.9247	.8648	.9803	.8978	.8272	.9644
45-49 years	.9734	.9538	.9926	.9828	.9690	.9967	.9124	.8544	.9689	.8833	.8139	.9497
50-54 years	.9631	.9638	1.0017	.9894	.9755	1.0027	.8377	.8759	.9945	.9125	.8413	.9796
55-64 years	.9900	.9735	1.0049	.9826	.9783	1.0057	.9678	.9329	.9983	.9514	.9094	.9882
55-59 years	.9884	.9692	1.0060	.9921	.9755	1.0075	.9577	.9178	.9935	.9388	.8913	.9815
60-64 years	.9919	.9788	1.0037	.9932	.9815	1.0038	.9804	.9523	1.0041	.9669	.9324	.9962
65-74 years	1.0092	1.0044	1.0129	1.0055	1.0011	1.0087	1.0439	1.0357	1.0515	1.0372	1.0235	1.0473
65-69 years	1.0131	1.0051	1.0195	1.0086	1.0018	1.0141	1.0548	1.0391	1.0872	1.0484	1.0290	1.0651
70-74 years	1.0042	1.0034	1.0047	1.0018	1.0005	1.0021	1.0293	1.0309	1.0309	1.0207	1.0158	1.0243
75-84 years	.9851	.9937	.9800	.9844	.9918	.9804	.9917	1.0168	.9758	.9689	.9955	.9527
75-79 years	1.0014	1.0053	.9990	.9974	.9997	.9959	1.0428	1.0801	1.0313	1.0235	1.0405	1.0128
80-84 years	.9595	.9735	.9522	.9643	.9780	.9578	.9059	.9380	.8873	.8760	.9150	.8572
85 years and over	.9540	.9792	.9440	.9558	.9780	.9487	.9393	.9961	.9057	.9089	.9638	.8837

SOURCE: U.S. Bureau of the Census: "Current Population Reports," Series P-25, No. 985.