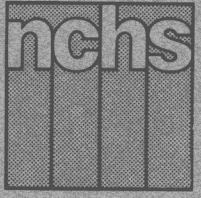
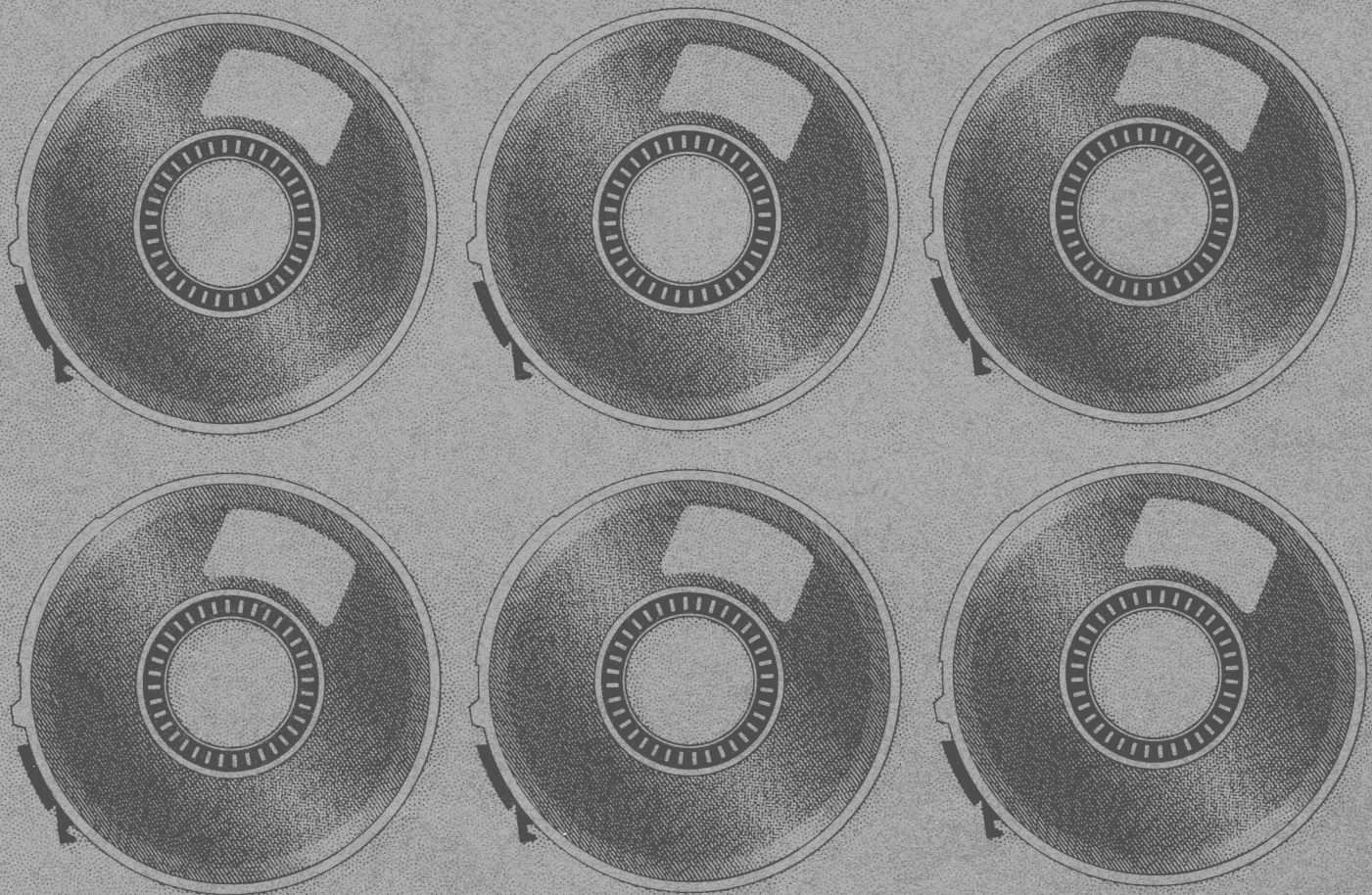


NATIONAL CENTER FOR
HEALTH STATISTICS



Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1988 Data

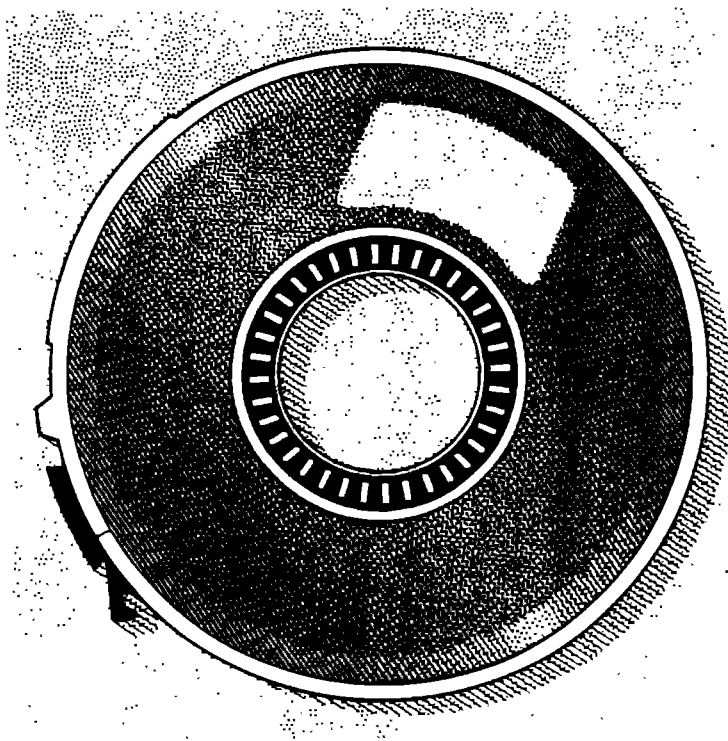


DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control

CDC

Public Use Data Tape Documentation

Multiple Cause of Death for ICD-9 1988 Data



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

Hyattsville, Maryland
February 1991

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 1988 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 1988. 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 1988 data.

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 1988 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,171,196
Record Length:	440
Blocksize:	26400

Data Counts:	a. By occurrence:	2,171,196
	b. By residence:	2,167,999
	c. To foreign residents:	3,197

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

III. Tape Format and Variable Definition

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

- A. Manual of the International Statistical Classification of Diseases, Injuries, and the Cause-of-Death, Ninth Revision (ICD-9) Volumes 1 and 2.
- B. NCHS Instruction Manual Data Preparation Part 2a, Vital Statistics Instructions for Classifying the Underlying Cause-of-Death, 1988.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1988.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1988.
- 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, 1982-88.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1988.
- 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).

Where further assistance is needed, 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 6290999 Commercial (919) 541-0999 may be contacted.

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. Date of death	55-58
2. Occurrence	
a. State	21-22
b. Expanded State	29-30
c. County	23-25
d. Region	26
e. Division	27
f. FIPS State	119-120
g. FIPS County	121-123
3. Residence	
a. State	31-32
b. Expanded State	44-45
c. County	33-35
d. City	36-38
e. Population size	39
f. Met/Nonmet county	40
g. Region	41
h. Division	42
i. SMSA	46-48
j. FIPS State	124-125
k. FIPS County	126-128
l. 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. Origin or Descent	80-81
g. Kind of Business or Industry	85-87, 94-97
h. Usual Occupation	88-90, 98-101

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

1988
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> 88 ... 1988
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.

1988
Mortality Multiple Cause-of-Death Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>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 ... Unknown (see statement concerning HIV deaths in Georgia).

1988
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

1988
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

1988
Mortality Multiple Cause-of-Death Record

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

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

31-32	2	<u>State of Residence</u>
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01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	North Carolina
35	...	North Dakota
36	...	Ohio
37	...	Oklahoma
38	...	Oregon
39	...	Pennsylvania
40	...	Rhode Island
41	...	South Carolina
42	...	South Dakota
43	...	Tennessee
44	...	Texas
45	...	Utah
46	...	Vermont
47	...	Virginia
48	...	Washington
49	...	West Virginia
50	...	Wisconsin
51	...	Wyoming
52-57.59	...	Foreign residents
52	...	Puerto Rico
53	...	Virgin Islands
54	...	Guam
55	...	Canada
56	...	Cuba
57	...	Mexico
59	..	Remainder of the world

1988
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 ... Unknown (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 unknown (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 ... <u>Foreign residents</u>
	1	... <u>NORTHEAST</u>
	1	... <u>New England</u>
	1	... Maine
	2	... New Hampshire
	3	... Vermont
	4	... Massachusetts
	5	... Rhode Island
	6	... Connecticut
	2	... <u>Middle Atlantic</u>
	1	... New York
	2	... New Jersey
	3	... Pennsylvania
	2	... <u>MIDWEST</u>
	3	... <u>East North Central</u>
	1	... Ohio
	2	... Indiana
	3	... Illinois
	4	... Michigan
	5	... Wisconsin
	4	... <u>West North Central</u>
	1	... Minnesota
	2	... Iowa
	3	... Missouri
	4	... North Dakota
	5	... South Dakota
	6	... Nebraska
	7	... Kansas
	3	... <u>SOUTH</u>
	5	... <u>South Atlantic</u>
	1	... Delaware
	2	... Maryland
	3	... District of Columbia
	4	... Virginia
	5	... West Virginia
	6	... North Carolina
	7	... South Carolina
	8	... Georgia
	9	... Florida
	6	... <u>East South Central</u>
	1	... Kentucky
	2	... Tennessee
	3	... Alabama
	4	... Mississippi
	7	... <u>West South Central</u>
	1	... Arkansas
	2	... Louisiana
	3	... Oklahoma
	4	... Texas
	4	... <u>WEST</u>
	8	... <u>Mountain</u>
	1	... Montana
	2	... Idaho
	3	... Wyoming
	4	... Colorado
	5	... New Mexico
	6	... Arizona
	7	... Utah
	8	... Nevada
	9	... <u>Pacific</u>
	1	... Washington
	2	... Oregon
	3	... California
	4	... Alaska
	5	... Hawaii

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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>
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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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field 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 ... Unknown (see statement concerning HIV deaths in Georgia)</p>
49-54	6	<u>Reserved Positions</u>
55-58	4	<p><u>DATE OF DEATH</u></p> <p>(Note: Year of death is given in tape locations 1-2.)</p>
55-56	2	<p><u>Month</u></p> <p>01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December</p>
57-58	2	<p><u>Day</u></p> <p>01-31 ... As applicable to month of death 99 ... Not stated day of death</p>
59	1	<p><u>Sex</u></p> <p>1 ... Male 2 ... Female</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>
60-63	4	<u>RACE</u>
60-61	2	<u>Detail Race</u>
		00 ... Other Asian or Pacific Islander
		01 ... White
		02 ... Black
		03 ... American Indian (includes Aleuts and Eskimos)
		04 ... Chinese
		05 ... Japanese
		06 ... Hawaiian (includes Part-Hawaiian)
		07 ... All other races
		08 ... Filipino
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>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

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Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

73-74 2 Infant Age Recode 22

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 Hospital and Status

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	..	Hospital, Clinic or Medical Center - Patient status not on certificate
6	...	Other Institutions providing patient care
7	...	All other reported entries
8	...	Dead on Arrival - Hospital, Clinic or Medical Center name not given
9	...	Hospital and patient status not stated

76 1 Reserved Position

77 1 Marital Status

1	...	Never married, single
2	...	Married
3	...	Widowed
4	...	Divorced
8	...	Marital Status not on certificate
9	...	Marital Status not stated

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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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Tape Field
Location Size Item and Code Outline

80-81 2 Origin or Descent

00 ... Non - Spanish
01 ... Mexican
02 ... Puerto Rican
03 ... Cuban
04 ... Central or South American
05 ... Other or Unknown Spanish
06 ... American
07 ... American Indian
08 ... British, Scottish, Welsh, Scotch-Irish
09 ... Irish
10 ... German
11 ... French
12 ... Norwegian, Swedish, Danish
13 ... Polish
14 ... Italian
15 ... Other North, Central, and South American
16 ... Other Western European
17 ... Other Northern European
18 ... Other Eastern European
19 ... Other Southern European (excluding Spain)
20 ... Southeast Asian and Pacific Islander
21 ... South Central Asian
22 ... Other Asian
23 ... North African
24 ... Other African
88 ... Not reported
99 ... Not classifiable

82-83 2 Reserved Positions

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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
88-90	3	<p><u>Usual Occupation</u></p> <p>This item is not reported by all states. Refer to the Addendum to Technical Appendix at the back of this publication for a list of reporting states.</p> <p>For a complete list of categories and codes refer to the Census Bureau publication mentioned above.</p> <p>003-999 ... Code range (not inclusive)</p> <p>In addition to the codes shown in the Census publication, the following codes are also applicable:</p> <p>905 ... Military 913 ... Retired; with no other occupation reported 914 ... Homemaker 915 ... Student 916 ... Volunteer 917 ... None</p>
91-93	3	<p><u>52 Cause Recode</u></p> <p>A recode of the cause code into 52 groups designed for use in producing tabulations. Further back in this document is a complete list of recodes and categories.</p> <p>010-560 ... Code range (not inclusive)</p>
94-95	2	<p><u>Business or Industry Recode 51</u></p> <p>A recode of the business or industry code into 51 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-51 ... Code range (not inclusive)</p>
96-97	2	<p><u>Business or Industry Recode 15</u></p> <p>A recode of the business or industry code into 15 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-15 ... Code range</p>
98-99	2	<p><u>Usual Occupation Recode 59</u></p> <p>A recode of the usual occupation code into 59 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-59 ... Code range (not inclusive)</p>
100-101	2	<p><u>Usual Occupation Recode 9</u></p> <p>A recode of the usual occupation code into 9 groups for use in producing tabulations. Further back in this document is a list of the recodes and categories.</p> <p>01-09 ... Code range</p>
102-118	17	<p><u>Reserved Positions</u></p>

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
119-132	14	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</u> Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Bureau of Standards (NBS) publications.
119-120	2	<u>State of Occurrence</u> 01 ... Alabama 02 ... Alaska 04 ... Arizona 05 ... Arkansas 06 ... California 08 ... Colorado 09 ... Connecticut 10 ... Delaware 11 ... District of Columbia 12 ... Florida 13 ... Georgia 15 ... Hawaii 16 ... Idaho 17 ... Illinois 18 ... Indiana 19 ... Iowa 20 ... Kansas 21 ... Kentucky 22 ... Louisiana 23 ... Maine 24 ... Maryland 25 ... Massachusetts 26 ... Michigan 27 ... Minnesota 28 ... Mississippi 29 ... Missouri 30 ... Montana 31 ... Nebraska 32 ... Nevada 33 ... New Hampshire 34 ... New Jersey 35 ... New Mexico 36 ... New York 37 ... North Carolina 38 ... North Dakota 39 ... Ohio 40 ... Oklahoma 41 ... Oregon 42 ... Pennsylvania 44 ... Rhode Island 45 ... South Carolina 46 ... South Dakota 47 ... Tennessee 48 ... Texas 49 ... Utah 50 ... Vermont 51 ... Virginia 53 ... Washington 54 ... West Virginia 55 ... Wisconsin 56 ... Wyoming
121-123	3	<u>County of Occurrence</u> 001-nnn ... Code range 999 ... Unknown (see statement concerning HIV deaths in Georgia)

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<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 ... Unknown (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 ... Unknown (see statement concerning HIV deaths in Georgia).

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<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)

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

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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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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

1988
Mortality Multiple Cause-of-Death Record

<u>Tape</u> <u>Location</u>	<u>Field</u> <u>Size</u>	<u>Item and Code Outline</u>
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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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	3	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
04					Arkansas	05	
001	000	2			Arkansas	001	0000
			025	6	Stuttgart		
			999	9	Balance of county		
002	000	2			Ashley	003	0000
003	000	2			Baxter	005	0000
004	091	1			Benton	007	2580
			020	6	Rogers		
			024	6	Springdale, part		
			999	9	Balance of county		
005	000	2			Boone	009	0000
006	000	2			Bradley	011	0000
007	000	2			Calhoun	013	0000
008	000	2			Carroll	015	0000
009	000	2			Chicot	017	0000
010	000	2			Clark	019	0000
			001	6	Arkadelphia		
			999	9	Balance of county		
011	000	2			Clay	021	0000
012	000	2			Cleburne	023	0000
013	000	2			Cleveland	025	0000
014	000	2			Columbia	027	0000
			015	6	Magnolia		
			999	9	Balance of county		
015	000	2			Conway	029	0000
016	000	2			Craighead	031	0000
			013	5	Jonesboro		
			999	9	Balance of county		
017	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			Cross	037	0000
020	000	2			Dallas	039	0000
021	000	2			Desha	041	0000
022	000	2			Drew	043	0000
023	000	2			Faulkner	045	0000
			005	6	Conway		
			999	9	Balance of county		
024	000	2			Franklin	047	0000
025	000	2			Fulton	049	0000
026	000	2			Garland	051	0000
			011	5	Hot Springs		
			999	9	Balance of county		
027	000	2			Grant	053	0000
028	000	2			Greene	055	0000
			018	6	Paragould		
			999	9	Balance of county		
029	000	2			Hempstead	057	0000
			010	6	Hope		
			999	9	Balance of county		
030	000	2			Hot Spring	059	0000
			016	6	Malvern		
			999	9	Balance of county		
031	000	2			Howard	061	0000
032	000	2			Independence	063	0000
033	000	2			Izard	065	0000
034	000	2			Jackson	067	0000
035	214	1			Jefferson	069	6240
			019	4	Pine Bluff		
			999	9	Balance of county		
036	000	2			Johnson	071	0000
037	000	2			Lafayette	073	0000
038	000	2			Lawrence	075	0000
039	000	2			Lee	077	0000
040	000	2			Lincoln	079	0000
041	277	1			Little River	081	8360
042	000	2			Logan	083	0000
043	000	2			Lonoke	085	0000
044	000	2			Madison	087	0000
045	000	2			Marion	089	0000
046	277	1			Miller	091	8360
			026	6	Texarkana		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
04					Arkansas	05
			999	9	Balance of county	
047	000	2			Mississippi	099 0000
			003	6	Blytheville	
			999	9	Balance of county	
048	000	2	999	9	Monroe	095 0000
049	000	2	999	9	Montgomery	097 0000
050	000	2	999	9	Nevada	099 0000
051	000	2	999	9	Newton	101 0000
052	000	2			Ouachita	103 0000
			004	6	Camden	
			999	9	Balance of county	
053	000	2	999	9	Perry	105 0000
054	000	2			Phillips	107 0000
			028	6	West Helena	
			999	9	Balance of county	
055	000	2	999	9	Pike	109 0000
056	000	2	999	9	Poinsett	111 0000
057	000	2	999	9	Polk	113 0000
058	000	2			Pope	115 0000
			021	6	Russellville	
			999	9	Balance of county	
059	000	2	999	9	Prairie	117 0000
060	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	Calxico		
			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	State, County, City, or Country Name	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					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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					FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
06					Colorado	08
	001	076	1		Adams	001 2080
				001 4	Arvada, part	
				002 3	Aurora, part	
				004 6	Brighton, part	
				005 6	Broomfield, part	
				008 6	Commerce City	
				020 5	Northglenn	
				023 5	Thornton	
				024 4	Westminster, part	
				999 9	Balance of county	
	002	000	2	999 9	Alamosa	003 0000
	003	076	1		Arapahoe	005 2080
				002 3	Aurora, part	
				011 5	Englewood	
				017 5	Littleton, part	
				999 9	Balance of county	
	004	000	2	999 9	Archuleta	007 0000
	005	000	2	999 9	Baca	009 0000
	006	000	2	999 9	Bent	011 0000
	007	076	1		Boulder	013 2080
				003 4	Boulder	
				005 6	Broomfield, part	
				018 5	Longmont	
				999 9	Balance of county	
	008	000	2	999 9	Chaffee	015 0000
	009	000	2	999 9	Cheyenne	017 0000
	010	000	2	999 9	Clear Creek	019 0000
	011	000	2	999 9	Conejos	021 0000
	012	000	2	999 9	Costilla	023 0000
	013	000	2	999 9	Crowley	025 0000
	014	000	2	999 9	Custer	027 0000
	015	000	2	999 9	Delta	029 0000
	016	076	1	009 2	Denver, coext. with Denver city	031 2080
	017	000	2	999 9	Dolores	033 0000
	018	076	1		Douglas	035 2080
				017 5	Littleton, part	
				999 9	Balance of county	
	019	000	2	999 9	Eagle	037 0000
	020	000	2	999 9	Elbert	039 0000
	021	063	1		El Paso	041 1720
				007 3	Colorado Springs	
				999 9	Balance of county	
	022	000	2		Fremont	043 0000
				006 6	Canon City	
				999 9	Balance of county	
	023	000	2	999 9	Garfield	045 0000
	024	076	1	999 9	Gilpin	047 2080
	025	000	2	999 9	Grand	049 0000
	026	000	2	999 9	Gunnison	051 0000
	027	000	2	999 9	Hinsdale	053 0000
	028	000	2	999 9	Huerfano	055 0000
	029	000	2	999 9	Jackson	057 0000
	030	076	1		Jefferson	059 2080
				001 4	Arvada, part	
				005 6	Broomfield, part	
				013 6	Golden	
				016 3	Lakewood	
				024 4	Westminster, part	
				025 5	Wheat Ridge	
				999 9	Balance of county	
	031	000	2	999 9	Kiowa	061 0000
	032	000	2	999 9	Kit Carson	063 0000
	033	000	2	999 9	Lake	065 0000
	034	000	2		La Plata	067 0000
				010 6	Durango	
				999 9	Balance of county	
	035	095	1		Larimer	069 2670
				012 4	Fort Collins	
				019 5	Loveland	
				999 9	Balance of county	
	036	000	2	999 9	Las Animas	071 0000
	037	000	2	999 9	Lincoln	073 0000
	038	000	2		Logan	075 0000
				022 6	Sterling	

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	
			999	9	Balance of county		
039	000	2			Mesa	077	0000
			014	5	Grand Junction		
			999	9	Balance of county		
040	000	2	999	9	Mineral	079	0000
041	000	2	999	9	Moffat	081	0000
042	000	2	999	9	Montezuma	083	0000
043	000	2	999	9	Montrose	085	0000
044	000	2	999	9	Morgan	087	0000
045	000	2	999	9	Otero	089	0000
046	000	2	999	9	Ouray	091	0000
047	000	2	999	9	Park	093	0000
048	000	2	999	9	Phillips	095	0000
049	000	2	999	9	Pitkin	097	0000
050	000	2	999	9	Prowers	099	0000
051	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						FIPS Codes
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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							FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
09	001	291	1	001	1	District of Columbia	11	001	8840

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
10					Florida	12		
	001	103	1		Alachua		001	2900
				026 4	Gainesville			
				999 9	Balance of county			
	002	127	1		Baker		003	3600
	003	205	1		Bay		005	6015
				066 5	Panama City			
				999 9	Balance of county			
	004	000	2		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		Calhoun		013	0000
	008	000	2		Charlotte		015	0000
	009	000	2		Citrus		017	0000
	010	127	1		Clay		019	3600
	011	000	2		Collier		021	0000
				051 6	Naples			
				999 9	Balance of county			
	012	000	2		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		De Soto		027	0000
	015	000	2		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		Flagler		035	0000
	019	000	2		Franklin		037	0000
	020	000	2		Gadsden		039	0000
	021	000	2		Gilchrist		041	0000
	022	000	2		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	999	9	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	999	9	Sumter	119 0000
061	000	2	999	9	Suwannee	121 0000
062	000	2	999	9	Taylor	123 0000
063	000	2	999	9	Union	125 0000
064	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	999	9	Wakulla	129 8240
066	000	2	999	9	Walton	131 0000
067	000	2	999	9	Washington	133 0000

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	
	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	3	Balance of county	
	026	066	1	999	3	Chattahoochee	053 1800
	027	000	2	999	9	Chattooga	055 0000
	028	019	1	999	3	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					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	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	Glascock	125	0000
063	000	2		Glynn	127	0000
			007 6	Brunswick		
			999 9	Balance of county		
064	000	2	999 9	Gordon	129	0000
065	000	2	999 9	Grady	131	0000
066	000	2	999 9	Greene	133	0000
067	019	1	999 9	Gwinnett	135	0520
068	000	2	999 9	Habersham	137	0000
069	000	2		Hall	139	0000
			020 6	Gainesville		
			999 9	Balance of county		
070	000	2	999 9	Hancock	141	0000
071	000	2	999 9	Haralson	143	0000
072	000	2	999 9	Harris	145	0000
073	000	2	999 9	Hart	147	0000
074	000	2	999 9	Heard	149	0000
075	019	1	999 9	Henry	151	0520
076	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					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S			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						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	
	053	000	2	999 9	Balance of county		
					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	999 9	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	999 9	Marshall	123	0000
	063	000	2	999 9	Mason	125	0000
	064	000	2	999 9	Massac	127	0000
	065	265	1	999 9	Menard	129	7880
	066	000	2	999 9	Mercer	131	0000
	067	241	1	999 9	Monroe	133	7040
	068	000	2	999 9	Montgomery	135	0000
	069	000	2		Morgan	137	0000
				080 6	Jacksonville		
				999 9	Balance of county		
	070	000	2	999 9	Moultrie	139	0000
	071	000	2	999 9	Ogle	141	0000
	072	210	1		Peoria	143	6120
				130 5	Pekin, part		
				131 3	Peoria		
				999 9	Balance of county		
	073	000	2	999 9	Perry	145	0000
	074	000	2	999 9	Piatt	147	0000
	075	000	2	999 9	Pike	149	0000
	076	000	2	999 9	Pope	151	0000
	077	000	2	999 9	Pulaski	153	0000
	078	000	2	999 9	Putnam	155	0000
	079	000	2	999 9	Randolph	157	0000
	080	000	2	999 9	Richland	159	0000
	081	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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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			Jefferson	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	5	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
16					Iowa	19		
	001	000	2	999	9			001 0000
	002	000	2	999	9			003 0000
	003	000	2	999	9			005 0000
	004	000	2	999	9			007 0000
	005	000	2	999	9			009 0000
	006	000	2	999	9			011 0000
	007	292	1					013 8920
				006	5			
				028	4			
				999	9			
	008	000	2					015 0000
				004	6			
				999	9			
	009	000	2	999	9			017 0000
	010	000	2	999	9			019 0000
	011	000	2	999	9			021 0000
	012	000	2	999	9			023 0000
	013	000	2	999	9			025 0000
	014	000	2	999	9			027 0000
	015	000	2	999	9			029 0000
	016	000	2	999	9			031 0000
	017	000	2					033 0000
				020	5			
				999	9			
	018	000	2	999	9			035 0000
	019	000	2	999	9			037 0000
	020	000	2	999	9			039 0000
	021	000	2					041 0000
				026	6			
				999	9			
	022	000	2	999	9			043 0000
	023	000	2					045 0000
				008	5			
				999	9			
	024	000	2	999	9			047 0000
	025	000	2	999	9			049 0000
	026	000	2	999	9			051 0000
	027	000	2	999	9			053 0000
	028	000	2	999	9			055 0000
	029	000	2					057 0000
				005	5			
				999	9			
	030	000	2	999	9			059 0000
	031	079	1					061 2200
				012	4			
				999	9			
	032	000	2	999	9			063 0000
	033	000	2	999	9			065 0000
	034	000	2	999	9			067 0000
	035	000	2	999	9			069 0000
	036	000	2	999	9			071 0000
	037	000	2	999	9			073 0000
	038	000	2	999	9			075 0000
	039	000	2	999	9			077 0000
	040	000	2	999	9			079 0000
	041	000	2	999	9			081 0000
	042	000	2	999	9			083 0000
	043	000	2	999	9			085 0000
	044	000	2	999	9			087 0000
	045	000	2	999	9			089 0000
	046	000	2	999	9			091 0000
	047	000	2	999	9			093 0000
	048	000	2	999	9			095 0000
	049	000	2	999	9			097 0000
	050	000	2					099 0000
				022	6			
				999	9			
	051	000	2	999	9			101 0000
	052	124	1					103 3500
				016	4			
				999	9			
	053	000	2	999	9			105 0000
	054	000	2	999	9			107 0000
	055	000	2	999	9			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

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

19

195	0000
197	0000

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
	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		Labette	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		Saline	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						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	Allen		003 0000
	003	026	1	999	Ascension		005 0760
	004	000	2	999	Assumption		007 0000
	005	000	2	999	Avoyelles		009 0000
	006	000	2		Beauregard		011 0000
			009	6	De Ridder, part		
			999	9	Balance of parish		
	007	000	2	999	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	Caldwell		021 0000
	012	000	2	999	Cameron		023 0000
	013	000	2	999	Catahoula		025 0000
	014	000	2	999	Claiborne		027 0000
	015	000	2	999	Concordia		029 0000
	016	000	2	999	De Soto		031 0000
	017	026	1		East Baton Rouge		033 0760
			003	6	Baker		
			005	3	Baton Rouge		
			999	9	Balance of parish		
	018	000	2	999	East Carroll		035 0000
	019	000	2	999	East Feliciana		037 0000
	020	000	2	999	Evangeline		039 0000
	021	000	2	999	Franklin		041 0000
	022	006	1	999	Grant		043 0220
	023	000	2		Iberia		045 0000
			023	5	New Iberia		
			999	9	Balance of parish		
	024	000	2	999	Iberville		047 0000
	025	000	2	999	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	La Salle		059 0000
	031	000	2		Lincoln		061 0000
			027	6	Ruston		
			999	9	Balance of parish		
	032	026	1	999	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	Orleans, coext. with New Orleans city		071 5560
	037	179	1		Ouachita		073 5200
			020	4	Monroe		

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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			Tangipahoa	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	5	Cumberland	
				999	9	Balance of county	
	002	024	1			Anne Arundel	003 0720
				002	5	Annapolis	
				999	9	Balance of county	
	003	024	1	999	9	Baltimore	005 0720
	004	024	1	003	1	Baltimore city	510 0720
	005	000	2	999	9	Calvert	009 0000
	006	000	2	999	9	Caroline	011 0000
	007	024	1	999	9	Carroll	013 0720
	008	299	1	999	9	Cecil	015 9160
	009	291	1	999	9	Charles	017 8840
	010	000	2			Dorchester	019 0000
				005	6	Cambridge	
				999	9	Balance of county	
	011	000	2			Frederick	021 0000
				008	5	Frederick	
				999	9	Balance of county	
	012	000	2	999	9	Garrett	023 0000
	013	024	1			Harford	025 0720
				001	6	Aberdeen	
				999	9	Balance of county	
	014	024	1	999	9	Howard	027 0720
	015	000	2	999	9	Kent	029 0000
	016	291	1			Montgomery	031 8840
				009	5	Gaithersburg	
				015	5	Rockville	
				017	6	Takoma Park, part	
				999	9	Balance of county	
	017	291	1			Prince George's	033 8840
				004	5	Bowie	
				006	6	College Park	
				010	6	Greenbelt	
				012	6	Hyattsville	
				013	6	Laurel	
				014	6	New Carrollton	
				017	6	Takoma Park, part	
				999	9	Balance of county	
	018	000	2	999	9	Queen Anne's	035 0000
	019	000	2	999	9	St. Mary's	037 0000
	020	000	2	999	9	Somerset	039 0000
	021	000	2	999	9	Talbot	041 0000
	022	114	1			Washington	043 3180
				011	5	Hagerstown	
				999	9	Balance of county	
	023	000	2			Wicomico	045 0000
				016	6	Salisbury	
				999	9	Balance of county	
	024	000	2	999	9	Worcester	047 0000

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

999 9 Michigan
Balance of county

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

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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	Garden	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	†		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	Reynolds	179 0000
	091	000	2	999	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	St. Clair	185 0000
	094	000	2	999	Ste. Genevieve	186 0000
	095	000	2	999	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	St. Louis city	510 7040
	098	000	2		Saline	195 0000
			033	6	Marshall	
			999	9	Balance of county	
	099	000	2	999	Schuyler	197 0000
	100	000	2	999	Scotland	199 0000
	101	000	2		Scott	201 0000
			047	6	Sikeston, part	
			999	9	Balance of county	
	102	000	2	999	Shannon	203 0000
	103	000	2	999	Shelby	205 0000
	104	000	2	999	Stoddard	207 0000
	105	000	2	999	Stone	209 0000
	106	000	2	999	Sullivan	211 0000
	107	000	2	999	Taney	213 0000
	108	000	2	999	Texas	215 0000
	109	000	2	999	Vernon	217 0000
	110	000	2	999	Warren	219 0000
	111	000	2	999	Washington	221 0000
	112	000	2	999	Wayne	223 0000
	113	000	2	999	Webster	225 0000
	114	000	2	999	Worth	227 0000
	115	000	2	999	Wright	229 0000

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
27					Montana	30	
	001	000	2	999	9	001	0000
	002	000	2	999	9	003	0000
	003	000	2	999	9	005	0000
	004	000	2	999	9	007	0000
	005	000	2	999	9	009	0000
	006	000	2	999	9	011	0000
	007	109	1			013	3040
				005	4		
				999	9		
	008	000	2	999	9	015	0000
	009	000	2	999	9	017	0000
	010	000	2	999	9	019	0000
	011	000	2	999	9	021	0000
	012	000	2	001	6	023	0000
	013	000	2	999	9	025	0000
	014	000	2	999	9	027	0000
	015	000	2			029	0000
				008	6		
				999	9		
	016	000	2			031	0000
				003	6		
				999	9		
	017	000	2	999	9	033	0000
	018	000	2	999	9	035	0000
	019	000	2	999	9	037	0000
	020	000	2	999	9	039	0000
	021	000	2			041	0000
				006	6		
				999	9		
	022	000	2	999	9	043	0000
	023	000	2	999	9	045	0000
	024	000	2	999	9	047	0000
	025	000	2			049	0000
				007	6		
				999	9		
	026	000	2	999	9	051	0000
	027	000	2	999	9	053	0000
	028	000	2	999	9	055	0000
	029	000	2	999	9	057	0000
	030	000	2	999	9	059	0000
	031	000	2	999	9	061	0000
	032	000	2			063	0000
				009	5		
				999	9		
	033	000	2	999	9	065	0000
	034	000	2	999	9	067	0000
	035	000	2	999	9	069	0000
	036	000	2	999	9	071	0000
	037	000	2	999	9	073	0000
	038	000	2	999	9	075	0000
	039	000	2	999	9	077	0000
	040	000	2	999	9	079	0000
	041	000	2	999	9	081	0000
	042	000	2	999	9	083	0000
	043	000	2	999	9	085	0000
	044	000	2	999	9	087	0000
	045	000	2	999	9	089	0000
	046	000	2	999	9	091	0000
	047	000	2			093	0000
				004	5		
				999	9		
	048	000	2	999	9	095	0000
	049	000	2	999	9	097	0000
	050	000	2	999	9	099	0000
	051	000	2	999	9	101	0000
	052	000	2	999	9	103	0000
	053	000	2	999	9	105	0000
	054	000	2	999	9	107	0000
	055	000	2	999	9	109	0000
	056	032	1			111	0880
				002	4		
				999	9		
	057	000	2	999	9	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					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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				FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	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	999 9	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	999	9	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	SM5A	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SM5A
34					North Carolina	37
	001	047	1		Alamance	001 1300
				005 5	Burlington	
				999 9	Balance of county	
	002	118	1	999 9	Alexander	003 3290
	003	000	2	999 9	Alleghany	005 0000
	004	000	2	999 9	Anson	007 0000
	005	000	2	999 9	Ashe	009 0000
	006	000	2	999 9	Avery	011 0000
	007	000	2	999 9	Beaufort	013 0000
	008	000	2	999 9	Bertie	015 0000
	009	000	2	999 9	Bladen	017 0000
	010	300	1	999 9	Brunswick	019 9200
	011	017	1		Buncombe	021 0480
				003 4	Asheville	
				999 9	Balance of county	
	012	000	2		Burke	023 0000
				021 6	Hickory, part	
				030 6	Morganton	
				999 9	Balance of county	
	013	244	1		Cabarrus	025 7140
				009 6	Concord	
				999 9	Balance of county	
	014	000	2		Caldwell	027 0000
				026 6	Lenoir	
				999 9	Balance of county	
	015	000	2		Camden	029 0000
				012 6	Elizabeth City, part	
				999 9	Balance of county	
	016	000	2	999 9	Carteret	031 0000
	017	000	2	999 9	Caswell	033 0000
	018	118	1		Catawba	035 3290
				021 6	Hickory, part	
				999 9	Balance of county	
	019	000	2	999 9	Chatham	037 0000
	020	000	2	999 9	Cherokee	039 0000
	021	000	2	999 9	Chowan	041 0000
	022	000	2	999 9	Clay	043 0000
	023	000	2		Cleveland	045 0000
				038 6	Shelby	
				999 9	Balance of county	
	024	000	2	999 9	Columbus	047 0000
	025	000	2		Craven	049 0000
				019 6	Havelock	
				031 6	New Bern	
				999 9	Balance of county	
	026	090	1		Cumberland	051 2560
				013 4	Fayetteville	
				999 9	Balance of county	
	027	195	1	999 9	Currituck	053 5720
	028	000	2	999 9	Dare	055 0000
	029	112	1		Davidson	057 3120
				022 4	High Point, part	
				027 6	Lexington	
				040 6	Thomasville	
				999 9	Balance of county	
	030	000	2	999 9	Davie	059 0000
	031	000	2	999 9	Duplin	061 0000
	032	225	1		Durham	063 6640
				007 5	Chapel Hill, part	
				010 3	Durham	
				999 9	Balance of county	
	033	000	2		Edgecombe	065 0000
				035 5	Rocky Mount, part	
				999 9	Balance of county	
	034	112	1		Forsyth	067 3120
				043 3	Winston-Salem	
				999 9	Balance of county	
	035	000	2	999 9	Franklin	069 0000
	036	055	1		Gaston	071 1520
				015 5	Gastonia	
				999 9	Balance of county	
	037	000	2	999 9	Gates	073 0000
	038	000	2	999 9	Graham	075 0000
	039	000	2	999 9	Granville	077 0000

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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
36						Ohio			
				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	Vermillion, 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		Manoning		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			Noble	121 0000
062	278	1			Ottawa	123 8400
063	000	2			Paulding	125 0000
064	000	2			Perry	127 0000
065	067	1			Pickaway	129 1840
			029	6	Circleville	
			999	9	Balance of county	
066	000	2			Pike	131 0000
067	002	1			Portage	133 0080
			063	5	Kent	
			103	6	Ravenna	
			999	9	Balance of county	
068	073	1			Preble	135 2000
069	155	1			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			Union	159 0000
081	155	1			Van Wert	161 4320
			132	6	Van Wert	
			999	9	Balance of county	
082	000	2			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				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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	41	
	033	000	2		Wasco		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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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			Columbia	037 0000
			010	6	Berwick	
			013	6	Bloomsburg	
			999	9	Balance of county	
020	000	2			Crawford	039 0000
			073	6	Meadville	
			999	9	Balance of county	
021	116	1			Cumberland	041 3240
			021	6	Carlisle	
			038	6	East Pennsboro township	
			062	6	Lower Allen township	
			999	9	Balance of county	
022	116	1			Dauphin	043 3240
			046	4	Harrisburg	
			066	5	Lower Paxton township	
			074	6	Middletown	
			120	6	Susquehanna township	
			121	6	Swatara township	
			999	9	Balance of county	
023	212	1			Delaware	045 6160
			005	6	Aston township	
			026	5	Chester	
			031	6	Darby	
			032	6	Darby township	
			049	4	Haverford township	
			059	6	Lansdowne	
			072	6	Marple township	
			076	6	Middletown township	
			085	6	Nether Providence township	
			088	6	Newtown township	
			103	5	Radnor township	
			105	5	Ridley township	
			115	5	Springfield township	
			126	6	Upper Chichester township	
			127	4	Upper Darby township	
			146	6	Yeadon	
			999	9	Balance of county	
024	000	2	999	9	Elk	047 0000
025	086	1			Erie	049 2360
			042	3	Erie	
			077	5	Millcreek township	
			999	9	Balance of county	
026	000	2			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			Franklin	055 0000
			024	6	Chambersburg	
			999	9	Balance of county	
029	000	2	999	9	Fulton	057 0000
030	000	2	999	9	Greene	059 0000
031	000	2	999	9	Huntingdon	061 0000
032	000	2			Indiana	063 0000
			052	6	Indiana	
			999	9	Balance of county	
033	000	2	999	9	Jefferson	065 0000
034	000	2	999	9	Juniata	067 0000
035	196	1			Lackawanna	069 5745
			020	6	Carbondale	
			034	6	Dunmore	
			109	4	Scranton	
			999	9	Balance of county	
036	146	1			Lancaster	071 4000
			029	6	Columbia	
			041	6	Ephrata	
			056	4	Lancaster	
			057	6	Lancaster township	
			071	5	Manheim township	
			999	9	Balance of county	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
39						Pennsylvania	42
	037	000	2			Lawrence	073 0000
				086	5	New Castle	
				999	9	Balance of county	
	038	000	2			Lebanon	075 0000
				061	5	Lebanon	
				999	9	Balance of county	
	039	007	1			Lehigh	077 0240
				003	3	Allentown	
				012	4	Bethlehem, part	
				040	6	Emmaus	
				107	6	Salisbury township	
				141	6	Whitehall township	
				999	9	Balance of county	
	040	196	1			Luzerne	079 5745
				050	5	Hazleton	
				055	6	Kingston	
				084	6	Nanticoke	
				143	4	Wilkes-Barre	
				999	9	Balance of county	
	041	298	1			Lycoming	081 9140
				145	5	Williamsport	
				999	9	Balance of county	
	042	000	2			McKean	083 0000
				014	6	Bradford	
				999	9	Balance of county	
	043	257	1			Mercer	085 7610
				112	6	Sharon	
				999	9	Balance of county	
	044	000	2			Mifflin	087 0000
	045	196	1			Monroe	089 5745
	046	212	1			Montgomery	091 6160
				001	4	Abington township	
				025	5	Cheltenham township	
				036	6	East Norriton township	
				048	6	Hatfield township	
				058	6	Lansdale	
				064	4	Lower Merion township	
				065	6	Lower Moreland township	
				067	6	Lower Providence township	
				089	5	Norristown	
				100	6	Plymouth township	
				101	6	Pottstown	
				116	5	Springfield township	
				123	6	Towamencin township	
				128	6	Upper Dublin township	
				129	5	Upper Merion township	
				130	5	Upper Moreland township	
				139	6	West Norriton township	
				142	6	Whitemarsh township	
				999	9	Balance of county	
	047	000	2			Montour	093 0000
	048	007	1			Northampton	095 0240
				012	4	Bethlehem, part	
				037	5	Easton	
				094	6	Palmer township	
				999	9	Balance of county	
	049	000	2			Northumberland	097 0000
				111	6	Shamokin	
				119	6	Sunbury	
				999	9	Balance of county	
	050	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	6	Pottsville	
				999	9	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	6	Oil City	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
39						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					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		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						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
44						Texas	48		
	037	000	2			Cherokee	073	0000	
				070	6	Jacksonville			
				999	9	Balance of county			
	038	000	2	999	9	Childress	075	0000	
	039	297	1	999	9	Clay	077	9080	
	040	000	2	999	9	Cochran	079	0000	
	041	000	2	999	9	Coke	081	0000	
	042	000	2	999	9	Coleman	083	0000	
	043	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	999	9	Collingsworth	087	0000	
	045	000	2	999	9	Colorado	089	0000	
	046	247	1			Comal	091	7240	
				099	6	New Braunfels, part			
				999	9	Balance of county			
	047	000	2	999	9	Comanche	093	0000	
	048	000	2	999	9	Concho	095	0000	
	049	000	2			Cooke	097	0000	
				055	6	Gainesville			
				999	9	Balance of county			
	050	138	1			Coryell	099	3810	
				033	6	Copperas Cove			
				999	9	Balance of county			
	051	000	2	999	9	Cottle	101	0000	
	052	000	2	999	9	Crane	103	0000	
	053	000	2	999	9	Crockett	105	0000	
	054	000	2	999	9	Crosby	107	0000	
	055	000	2	999	9	Culberson	109	0000	
	056	000	2	999	9	Dallam	111	0000	
	057	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	999	9	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	999	9	De Witt	123	0000	
	063	000	2	999	9	Dickens	125	0000	
	064	000	2	999	9	Dimmit	127	0000	
	065	000	2	999	9	Donley	129	0000	
	066	000	2	999	9	Duval	131	0000	
	067	000	2	999	9	Eastland	133	0000	
	068	198	1			Ector	135	5800	
				101	4	Odessa			

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
				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					FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	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						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	48		
247	000	2	999	9	Wilson	493	0000	
248	000	2	999	9	Winkler	495	0000	
249	070	1	999	9	Wise	497	1920	
250	000	2	999	9	Wood	499	0000	
251	000	2	999	9	Yoakum	501	0000	
252	000	2	999	9	Young	503	0000	
253	000	2	999	9	Zapata	505	0000	
254	000	2	999	9	Zavala	507	0000	

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	652
				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		9 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		9 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						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		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					FIPS Codes					
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country	Name	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	Germanatown				
				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					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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
		039	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				FIPS Codes		
SMSA	State	County	SMSA Name and County Components	SMSA	State	Cnty
016	50		Appleton-Oshkosh, Wis	0460		
		008	Wisconsin		55	
		045	Calumet			015
		071	Outagamie			087
			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			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
027	23	008 013	Battle Creek, Mich Michigan Barry Calhoun	0780	26	015 025
028	23	009	Bay City, Mich Michigan Bay	0800	26	017
029	44	100 123 181	Beaumont-Port Arthur-Orange, Tex Texas Hardin Jefferson Orange	0840	48	199 245 361
030	48	037	Bellingham, Wash Washington Whatcom	0860	53	073
031	23	011	Benton Harbor, Mich Michigan Berrien	0870	26	021
032	27	056	Billings, Mont Montana Yellowstone	0880	30	111
033	25	023 024 066	Biloxi-Gulfport, Miss Mississippi Hancock Harrison Stone	0920	28	045 047 131
034	33 39	003 050 058	Binghamton, N.Y.-Pa New York Broome Tioga Pennsylvania Susquehanna	0960	36 42	007 107 115
035	01	037 058 059 064	Birmingham, Ala Alabama Jefferson St. Clair Shelby Walker	1000	01	073 115 117 127
036	35	008 030	Bismarck, N.Dak North Dakota Burleigh Morton	1010	38	015 059
037	15	053	Bloomington, Ind Indiana Monroe	1020	18	105
038	14	057	Bloomington-Normal, Ill Illinois McLean	1040	17	113
039	13	001	Boise City, Idaho Idaho Ada	1080	16	001
040	22	005 009 011 012 013	Boston-Lowell-Brockton-Lawrence-Haverhill, Mass Massachusetts Essex Middlesex Norfolk Plymouth Suffolk	1123	25	009 017 021 023 025
041	10	041	Bradenton, Fla Florida Manatee	1140	12	081

Vital Statistics Codes				FIPS Codes		
SMSA	State	County	SMSA Name and County Components	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					FIPS Codes	
SMSA	State	County	SMSA Name and County Components		SMSA	State Cnty
057			Chattanooga, Tenn.-Ga		1560	
	11		Georgia			13
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee			47
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
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 Texas	1880	48	
		178	Nueces			355
		205	San Patricio			409
069	21		Cumberland, Md.-W. Va Maryland	1900	24	
	49	001	Allegany			001
		029	West Virginia Mineral		54	057
070	44		Dallas-Fort Worth, Tex Texas	1920	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 Virginia	1950	51	
		035	Danville city			590
		097	Pittsylvania			143
072	14		Davenport-Rock Island-Moline, Iowa-Ill Illinois	1960	17	
		037	Henry			073
		081	Rock Island			161
	16		Iowa		19	
		082	Scott			163
073	36		Dayton, Ohio Ohio	2000	39	
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
		068	Preble			135
074	10		Daytona Beach, Fla Florida	2020	12	
		064	Volusia			127
075	14		Decatur, Ill Illinois	2040	17	
		058	Macon			115
076	06		Denver-Boulder, Colo Colorado	2080	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 Iowa	2120	19	
		077	Polk			153
		091	Warren			181
078	23		Detroit, Mich Michigan	2160	26	
		044	Lapeer			087
		047	Livingston			093
		050	Macomb			099
		063	Oakland			125
		074	St. Clair			147
		082	Wayne			163

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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

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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 Weld	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 36 49	010 045 044 006 050	Huntington-Ashland, W. Va.-Ky.-Ohio Kentucky Boyd Greenup Ohio Lawrence West Virginia Cabell Wayne	3400	21 39 54	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		
			Indiana		18	
		006	Boone			011
		029	Hamilton			057
		030	Hancock			059
		032	Hendricks			063
		041	Johnson			081
		049	Marion			097
		055	Morgan			109
		073	Shelby			145
124	16		Iowa City, Iowa	3500		
			Iowa		19	
		052	Johnson			103
125	23		Jackson, Mich	3520		
			Michigan		26	
		038	Jackson			075
126	25		Jackson, Miss	3560		
			Mississippi		28	
		025	Hinds			049
		061	Rankin			121
127	10		Jacksonville, Fla	3600		
			Florida		12	
		002	Baker			003
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109
128	34		Jacksonville, N.C	3605		
			North Carolina		37	
		067	Onslow			133
129	50		Janesville-Beloit, Wis	3620		
			Wisconsin		55	
		054	Rock			105
130	31		Jersey City, N J	3640		
			New Jersey		34	
		009	Hudson			017
131	43		Johnson City-Kingsport-Bristol, Tenn.-Va	3660		
			Tennessee		47	
		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		
			Pennsylvania		42	
		011	Cambria			021
		056	Somerset			111
133	26		Joplin, Mo	3710		
			Missouri		29	
		049	Jasper			097
		073	Newton			145
134	23		Kalamazoo-Portage, Mich	3720		
			Michigan		26	
		039	Kalamazoo			077
		080	Van Buren			159
135	14		Kankakee, Ill	3740		
			Illinois		17	
		046	Kankakee			091

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

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Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		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 Name and County Components	FIPS Codes		
SMSA	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	5640		
			New Jersey		34	
		007	Essex			013
		014	Morris			027
		018	Somerset			035
		020	Union			039
192	36		Newark, Ohio	5645		
			Ohio		39	
		045	Licking			089
193	33		Newburgh-Middletown, N.Y	5660		
			New York		36	
		034	Orange			071
194	47		Newport News-Hampton, Va	5680		
			Virginia		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	5720		
			North Carolina		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	5745		
			Pennsylvania		42	
		035	Lackawanna			069
		040	Luzerne			079
		045	Monroe			089
197	10		Ocala, Fla	5790		
			Florida		12	
		042	Marion			083
198	44		Odessa, Tex	5800		
			Texas		48	
		068	Ector			135
199	37		Oklahoma City, Okla	5880		
			Oklahoma		40	
		009	Canadian			017
		014	Cleveland			027
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
200	48		Olympia, Wash	5910		
			Washington		53	
		034	Thurston			067
201	16		Omaha, Nebr.-Iowa	5920		
			Iowa		19	
		078	Pottawattamie			155
	28		Nebraska		31	
		028	Douglas			055
		077	Sarpy			153
202	10		Orlando, Fla	5960		
			Florida		12	
		048	Orange			095
		049	Osceola			097
		059	Seminole			117

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

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Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
217	20		Portland, Maine	6403		
		003	Maine		23	
		012	Cumberland			005
			Sagadahoc			023
218	38		Portland, Oreg.-Wash	6440		
			Oregon		41	
		003	Clackamas			005
		026	Multnomah			051
		034	Washington			067
	48		Washington		53	
		006	Clark			011
219	20		Portsmouth-Dover-Rochester, N.H.-Maine	6453		
			Maine		23	
		016	York			031
	30		New Hampshire		33	
		008	Rockingham			015
		009	Strafford			017
220	33		Poughkeepsie, N.Y	6460		
			New York		36	
		013	Dutchess			027
221	40		Providence-Warwick-Pawtucket, R.I	6483		
			Rhode Island		44	
		001	Bristol			001
		002	Kent			003
		004	Providence			007
		005	Washington			009
222	45		Provo-Orem, Utah	6520		
			Utah		49	
		025	Utah			049
223	06		Pueblo, Colo	6560		
			Colorado		08	
		051	Pueblo			101
224	50		Racine, Wis	6600		
			Wisconsin		55	
		052	Racine			101
225	34		Raleigh-Durham, N.C	6640		
			North Carolina		37	
		032	Durham			063
		068	Orange			135
		092	Wake			183
226	39		Reading, Pa	6680		
			Pennsylvania		42	
		006	Berks			011
227	05		Redding, Calif	6690		
			California		06	
		045	Shasta			089
228	29		Reno, Nev	6720		
			Nevada		32	
		016	Washoe			031
229	48		Richland-Kennewick-Pasco, Wash	6740		
			Washington		53	
		003	Benton			005
		011	Franklin			021
230	47		Richmond, Va	6760		
			Virginia		51	
		023	Charles City			036
		027	Chesterfield			041
		053	Goochland			075
		059	Hanover			085
		061	Henrico			087
		086	New Kent			127
		100	Powhatan			145
		108	Richmond city			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		
			California		06	
		033	Riverside			065
		036	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		
		013	North Carolina		37	
		080	Cabarrus			025
			Rowan			159
245	45		Salt Lake City-Ogden, Utah	7160		
		006	Utah		49	
		018	Davis			011
		023	Salt Lake			035
		029	Tooele			045
			Weber			057
246	44		San Angelo, Tex	7200		
		226	Texas		48	
			Tom Green			451
247	44		San Antonio, Tex	7240		
		015	Texas		48	
		046	Bexar			029
		094	Comal			091
			Guadalupe			187
248	05		San Diego, Calif	7320		
		037	California		06	
			San Diego			073
249	05		San Francisco-Oakland, Calif	7360		
		001	California		06	
		007	Alameda			001
		021	Contra Costa			013
		038	Marin			041
		041	San Francisco, coext. with San Francisco city			075
			San Mateo			081
250	05		San Jose, Calif	7400		
		043	California		06	
			Santa Clara			085
251	05		Santa Barbara-Santa Maria-Lompoc, Calif	7480		
		042	California		06	
			Santa Barbara			083
252	05		Santa Cruz, Calif	7485		
		044	California		06	
			Santa Cruz			087
253	05		Santa Rosa, Calif	7500		
		049	California		06	
			Sonoma			097
254	10		Sarasota, Fla	7510		
		058	Florida		12	
			Sarasota			115
255	11		Savannah, Ga	7520		
		015	Georgia		13	
		025	Bryan			029
		051	Chatham			051
			Effingham			103
256	48		Seattle-Everett, Wash	7600		
		017	Washington		53	
		031	King			033
			Snohomish			061
257	39		Sharon, Pa	7610		
		043	Pennsylvania		42	
			Mercer			085
258	50		Sheboygan, Wis	7620		
		060	Wisconsin		55	
			Sheboygan			117
259	44		Sherman-Denison, Tex	7640		
		091	Texas		48	
			Grayson			181

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

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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
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
001.0	-	-	-	-	008.3	-	-	-	-	017.1	-	-	-	
001.1	-	-	-	-	008.4	54	134	80	134	017.2	3	13	10	12
001.9	-	1	1	1	008.5	4	8	4	8	017.3	-	-	-	-
002.0	-	-	-	-	008.6	1	4	3	4	017.4	-	-	-	-
002.1	-	-	-	-	008.8	88	154	67	155	017.5	-	1	1	1
002.2	-	-	-	-	009.0	146	216	70	216	017.6	1	5	4	4
002.3	-	-	-	-	009.2	5	14	9	14	017.7	-	1	1	1
002.9	-	-	-	-	010.0	-	2	2	2	017.8	13	25	12	15
003.0	20	48	28	48	010.1	-	-	-	-	018.0	2	4	2	4
003.1	31	70	39	77	010.8	-	-	-	-	018.8	-	-	-	1
003.2	7	10	5	10	010.9	-	1	1	1	018.9	223	322	100	346
003.8	-	1	1	1	011.0	-	-	-	-	020.0	-	-	-	-
003.9	8	28	20	29	011.1	-	-	-	-	020.1	-	-	-	-
004.0	-	1	1	1	011.2	57	98	45	96	020.2	-	-	-	-
004.1	1	1	-	1	011.3	24	27	4	2	020.3	-	-	-	-
004.2	-	-	-	-	011.4	58	45	6	13	020.4	-	-	-	-
004.3	-	-	-	-	011.5	15	20	5	10	020.5	-	-	-	-
004.8	-	-	-	-	011.6	191	200	21	80	020.8	-	-	-	-
004.9	7	12	5	12	011.7	7	5	-	1	020.9	-	-	-	-
005.0	-	-	-	-	011.8	7	8	1	5	021	2	2	-	2
005.1	1	1	-	1	011.9	1108	2919	1816	3298	022.0	-	-	-	-
005.2	1	2	1	2	012.0	19	44	25	23	022.1	-	-	-	-
005.3	-	-	-	-	012.1	-	-	-	-	022.2	-	-	-	-
005.4	-	-	-	-	012.2	-	-	-	-	022.3	-	-	-	-
005.8	-	-	-	-	012.3	-	1	1	1	022.8	-	-	-	-
005.9	3	5	2	5	012.8	2	2	-	1	022.9	-	-	-	-
006.0	-	-	-	-	013.0	59	92	33	100	023.0	-	-	-	-
006.1	-	1	1	1	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	5	7	2	8	023.2	-	-	-	-
006.3	3	3	-	3	013.9	1	5	4	7	023.3	-	-	-	-
006.4	-	-	-	-	014	9	30	21	30	023.8	-	-	-	-
006.5	-	-	-	-	015.0	47	115	68	114	023.9	2	3	1	3
006.6	-	-	-	-	015.1	-	2	2	2	024	-	-	-	-
006.8	-	-	-	-	015.2	1	2	1	1	025	-	-	-	-
006.9	4	7	3	7	015.7	1	1	-	1	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	2	2	2	026.1	-	-	-	-
007.1	1	9	8	9	015.9	2	7	5	5	026.9	-	-	-	-
007.2	6	8	2	112	016.0	3	23	20	24	027.0	111	140	29	140
007.3	-	-	-	-	016.1	1	7	6	6	027.1	-	-	-	-
007.8	-	-	-	-	016.2	-	-	-	-	027.2	2	2	-	2
007.9	-	-	-	-	016.3	-	1	1	1	027.8	1	1	-	1
008.0	-	1	1	1	016.4	-	-	-	-	027.9	-	-	-	-
008.1	-	-	-	-	016.9	-	1	1	1	030.0	-	1	1	1
008.2	-	-	-	-	017.0	62	273	211	272	030.1	-	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
030.2	-	-	-	-	040.1	-	1	1	1	050.0	-	-	-	-
030.3	-	-	-	-	040.2	3	6	3	6	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	-	11	11	11	040.8	48	55	7	55	050.9	-	-	-	-
031.0	166	881	715	878	041.0	22	41	19	41	051.0	-	-	-	-
031.1	-	1	1	1	041.1	71	177	106	177	051.1	-	-	-	-
031.8	1	4	3	7	041.2	8	10	2	10	051.2	-	-	-	-
031.9	69	273	205	393	041.3	8	14	6	14	051.9	-	-	-	-
032.0	-	-	-	-	041.4	14	34	20	34	052	83	122	39	122
032.1	-	-	-	-	041.5	25	38	13	38	053.0	1	4	3	2
032.2	-	-	-	-	041.6	5	14	9	14	053.1	12	81	69	67
032.3	-	-	-	-	041.7	52	118	66	118	053.2	3	15	12	15
032.8	-	-	-	-	041.8	22	48	26	48	053.7	1	13	12	13
032.9	-	1	1	1	041.9	37	63	26	70	053.8	-	1	1	1
033.0	1	1	-	1	042.0	4909	5331	442	13	053.9	107	562	455	584
033.1	-	-	-	-	042.1	2948	2963	170	12	054.0	-	-	-	-
033.8	-	-	-	-	042.2	1529	2030	501	1	054.1	1	10	9	10
033.9	3	4	1	4	042.9	6824	8270	1455	17207	054.2	-	7	7	7
034.0	9	14	5	14	043.0	-	-	-	-	054.3	121	170	49	168
034.1	1	4	3	4	043.1	62	66	6	82	054.4	-	2	2	1
035	3	16	13	16	043.2	3	6	3	-	054.5	7	9	2	7
036.0	87	93	7	92	043.3	49	41	10	5	054.6	-	-	-	-
036.1	4	5	1	5	043.9	56	172	116	259	054.7	36	61	25	65
036.2	136	173	37	170	044.0	-	-	-	1	054.8	-	2	2	2
036.3	49	66	17	66	044.9	222	552	330	1602	054.9	55	215	160	241
036.4	-	-	-	-	045.0	-	-	-	-	055.0	1	2	1	3
036.8	-	1	1	1	045.1	-	-	-	-	055.1	1	2	1	-
036.9	2	6	4	9	045.2	-	-	-	-	055.2	-	-	-	-
037	17	20	3	20	045.9	1	2	1	2	055.7	-	-	-	-
038.0	252	842	590	850	046.0	-	-	-	-	055.8	-	-	-	-
038.1	1025	3609	2584	3665	046.1	200	221	21	244	055.9	1	4	3	6
038.2	168	379	211	743	046.2	14	16	2	16	056.0	-	-	-	-
038.3	62	262	200	263	046.3	46	57	11	195	056.7	-	-	-	-
038.4	1459	6513	5054	6567	046.8	-	-	-	-	056.8	-	1	1	1
038.8	133	520	387	528	046.9	-	-	-	-	056.9	1	3	2	3
038.9	17826	90202	72382	91079	047.0	-	-	-	-	057.0	-	-	-	-
039.0	-	-	-	-	047.1	-	-	-	-	057.8	1	6	5	6
039.1	39	61	22	58	047.8	-	-	-	-	057.9	-	-	-	-
039.2	-	-	-	-	047.9	37	60	23	60	060.0	-	-	-	-
039.3	-	-	-	-	048	24	27	3	27	060.1	-	-	-	-
039.4	-	-	-	-	049.0	5	11	6	11	060.9	-	-	-	-
039.8	9	14	5	14	049.1	-	-	-	-	061	-	-	-	-
039.9	22	41	19	51	049.8	3	11	8	11	062.0	-	-	-	-
040.0	55	138	84	138	049.9	125	182	57	189	062.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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
062.2	-	-	-	-	074.2	4	7	3	7	083.9	-	-	-	-
062.3	-	-	-	-	074.3	-	-	-	-	084.0	4	4	-	4
062.4	-	-	-	-	074.8	-	1	1	1	084.1	-	-	-	-
062.5	-	-	-	-	075	15	36	21	36	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	-	-	-	-	076.1	-	-	-	-	084.4	-	-	-	-
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	3	8	5	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	-	1	1	1	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	-	-	-	085.3	-	-	-	-
065.3	-	-	-	-	078.1	1	4	3	4	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	-	-	-	-	085.9	-	-	-	-
065.9	-	-	-	-	078.4	-	-	-	-	086.0	1	3	2	1
066.0	-	-	-	-	078.5	225	736	511	995	086.1	-	1	1	-
066.1	-	-	-	-	078.6	-	-	-	-	086.2	-	-	-	2
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	80	136	56	136	086.4	-	-	-	-
066.8	-	-	-	-	079.0	4	6	2	6	086.5	-	-	-	-
066.9	-	-	-	-	079.1	1	1	-	1	086.9	-	-	-	-
070.0	2	2	-	-	079.2	2	4	2	4	087.0	-	-	-	-
070.1	68	131	63	133	079.3	-	1	1	1	087.1	-	-	-	-
070.2	56	69	13	1	079.8	15	50	35	50	087.9	-	-	-	-
070.3	565	990	425	1058	079.9	314	565	251	583	088.0	-	-	-	-
070.4	1	1	-	-	080	-	-	-	-	088.8	3	9	6	9
070.5	7	8	1	9	081.0	-	-	-	-	088.9	-	-	-	-
070.6	46	50	4	-	081.1	-	-	-	-	090.0	-	-	-	-
070.9	545	711	166	761	081.2	-	-	-	-	090.1	...	-	-	-
071	-	-	-	-	081.9	-	-	-	-	090.2	3	3	-	3
072.0	1	1	-	1	082.0	20	30	10	30	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	2	3	1	3
072.2	-	-	-	-	082.2	-	-	-	-	090.5	1	3	2	3
072.3	-	-	-	-	082.3	-	-	-	-	090.6	...	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	-	-	-	-
072.8	-	-	-	-	082.9	-	-	-	-	090.9	13	27	14	27
072.9	1	3	2	3	083.0	-	1	1	1	091.0	-	-	-	-
073	1	2	1	2	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	1	1	1
074.1	-	-	-	-	083.8	-	-	-	-	091.3	1	3	2	3

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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091.4	-	-	-	-	102.0	-	-	-	-	115.9	55	135	81	191
091.5	-	-	-	-	102.1	-	-	-	-	116.0	35	56	21	56
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	1	1	1	102.5	-	-	-	-	117.1	3	4	1	4
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	1	1	1
092.9	...	-	-	-	102.7	-	-	-	-	117.3	237	487	250	487
093.0	3	4	1	1	102.8	...	-	-	-	117.4	-	-	-	-
093.1	3	6	3	5	102.9	-	-	-	-	117.5	254	417	163	1359
093.2	2	2	-	2	103.0	-	-	-	-	117.6	1	2	1	2
093.8	7	10	3	8	103.1	-	-	-	-	117.7	60	101	41	101
093.9	-	-	-	-	103.2	-	-	-	-	117.8	-	-	-	-
094.0	9	27	18	27	103.3	-	-	-	-	117.9	519	1017	498	1068
094.1	7	19	12	19	103.9	-	-	-	-	118	1	4	3	4
094.2	2	3	1	3	104.0	-	-	-	-	120.0	-	1	1	1
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	3	6	3	3	104.9	-	-	-	-	120.2	-	-	-	-
094.9	19	64	45	64	110.0	-	2	2	2	120.3	-	-	-	-
095	2	3	1	2	110.1	-	-	-	-	120.8	-	-	-	-
096	...	5	5	5	110.2	-	-	-	-	120.9	3	5	2	5
097.0	3	45	42	47	110.3	-	-	-	-	121.0	-	-	-	-
097.1	...	18	18	18	110.4	-	-	-	-	121.1	-	1	1	1
097.9	5	59	54	68	110.5	-	-	-	-	121.2	-	-	-	-
098.0	1	4	3	4	110.6	-	1	1	1	121.3	1	1	-	1
098.1	-	-	-	-	110.8	-	-	-	-	121.4	-	-	-	-
098.2	-	-	-	-	110.9	-	2	2	2	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	-	-	-	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	-	-	-	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	2	2	2	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	1	1	1	111.8	-	1	1	1	122.1	-	-	-	-
098.8	2	3	1	3	111.9	3	5	2	5	122.2	-	-	-	-
099.0	-	-	-	-	112.0	9	115	106	122	122.3	-	-	-	-
099.1	-	-	-	-	112.1	-	2	2	2	122.4	-	-	-	-
099.2	-	1	1	1	112.2	6	21	15	21	122.5	-	-	-	-
099.3	1	13	12	13	112.3	-	5	5	5	122.6	-	-	-	-
099.4	-	-	-	-	112.4	97	145	63	153	122.7	-	-	-	-
099.8	-	-	-	-	112.5	631	1120	489	1140	122.8	3	4	1	4
099.9	1	1	-	1	112.8	47	219	172	230	122.9	-	1	1	3
100.0	1	1	-	1	112.9	175	606	432	647	123.0	-	-	-	-
100.8	-	-	-	-	114	66	122	56	142	123.1	10	19	9	19
100.9	1	1	-	1	115.0	6	19	13	19	123.2	-	1	1	1
101	1	2	1	2	115.1	-	-	-	-	123.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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123.4	-	-	-	-	132.9	-	5	5	5	142.0	470	554	84	554
123.5	-	-	-	-	133.0	-	2	2	2	142.1	29	41	12	41
123.6	-	-	-	-	133.8	-	-	-	-	142.2	-	1	1	1
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	-	1	1	1	142.9	109	127	18	127
124	-	-	-	-	134.1	-	-	-	-	143.0	14	19	5	19
125.0	-	-	-	-	134.2	-	-	-	-	143.1	49	77	28	77
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	1	1	1	143.9	51	72	21	72
125.3	-	-	-	-	135	456	799	343	799	144.0	1	1	-	1
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	7	13	6	13	144.8	-	-	-	-
125.6	-	-	-	-	136.2	-	-	-	-	144.9	369	465	96	465
125.7	-	-	-	-	136.3	675	805	130	4547	145.0	29	36	7	36
125.9	1	2	1	2	136.4	-	-	-	-	145.1	-	1	1	1
126.0	-	-	-	-	136.5	-	-	-	-	145.2	29	36	7	36
126.1	-	-	-	-	136.8	4	8	4	8	145.3	92	128	36	128
126.2	-	-	-	-	136.9	351	1328	978	1982	145.4	17	19	2	19
126.3	-	-	-	-	137.0	224	715	491	715	145.5	144	194	50	194
126.8	-	-	-	-	137.1	-	-	-	-	145.6	29	44	15	44
126.9	2	2	-	2	137.2	-	2	2	2	145.8	1	2	1	2
127.0	-	4	4	4	137.3	-	1	1	1	145.9	867	1152	285	1200
127.1	-	-	-	-	137.4	1	5	4	5	146.0	540	652	112	652
127.2	13	32	19	34	138	136	597	461	597	146.1	47	57	10	57
127.3	-	-	-	-	139.0	3	6	3	6	146.2	9	13	4	13
127.4	-	-	-	-	139.1	-	1	1	1	146.3	6	10	4	10
127.5	2	2	-	2	139.8	17	54	37	52	146.4	-	-	-	-
127.6	-	-	-	-	140.0	1	3	2	3	146.5	-	-	-	-
127.7	-	-	-	-	140.1	14	24	10	24	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	4	4	-	4
127.9	-	1	1	1	140.4	-	-	-	-	146.8	3	3	-	3
128.0	-	1	1	1	140.5	-	1	1	1	146.9	542	636	94	641
128.1	-	-	-	-	140.6	1	1	-	1	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	12	14	2	14
128.9	1	1	-	1	140.9	82	112	30	112	147.2	-	-	-	-
129	3	3	-	3	141.0	173	203	30	203	147.3	2	2	-	2
130	64	86	22	711	141.1	-	1	1	1	147.8	-	-	-	-
131.0	-	-	-	-	141.2	-	1	1	1	147.9	680	754	74	754
131.8	-	-	-	-	141.3	-	-	-	-	148.0	2	4	2	4
131.9	-	2	2	2	141.4	2	2	-	2	148.1	238	276	38	276
132.0	-	-	-	-	141.5	-	-	-	-	148.2	1	1	-	1
132.1	-	1	1	1	141.6	25	30	5	30	148.3	1	1	-	1
132.2	-	-	-	-	141.8	-	-	-	-	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1675	2067	392	2069	148.9	331	391	60	393

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, 1988

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	1507	1945	438	1971	155.2	3009	3545	536	3559	163.9	395	487	92	487
149.1	-	-	-	-	156.0	2062	2243	181	2243	164.0	135	160	25	160
149.8	1	1	-	1	156.1	1033	1155	122	1155	164.1	75	99	24	99
149.9	-	1	1	1	156.2	350	413	63	413	164.2	4	4	-	4
150.0	13	19	6	19	156.8	1	1	-	1	164.3	2	3	1	3
150.1	6	7	1	7	156.9	507	552	45	574	164.8	1	1	-	1
150.2	1	1	-	1	157.0	702	770	68	770	164.9	198	259	61	263
150.3	24	28	4	28	157.1	36	46	10	46	165.0	2	2	-	2
150.4	13	18	5	18	157.2	49	64	15	64	165.8	-	-	-	-
150.5	110	129	19	129	157.3	7	9	2	9	165.9	7	9	2	9
150.8	-	-	-	-	157.4	100	111	11	111	170.0	70	93	23	93
150.9	9169	10299	1130	10301	157.8	2	2	-	2	170.1	95	140	45	140
151.0	565	619	54	619	157.9	22952	24494	1543	24502	170.2	88	118	30	118
151.1	3	7	4	7	158.0	321	367	46	367	170.3	16	26	10	26
151.2	11	13	2	13	158.8	28	43	15	43	170.4	18	20	2	20
151.3	13	15	2	15	158.9	156	198	42	201	170.5	-	-	-	-
151.4	1	3	2	3	159.0	1188	1487	299	1505	170.6	63	75	12	75
151.5	3	3	-	3	159.1	16	27	11	27	170.7	77	91	14	91
151.6	-	1	1	1	159.8	3	3	-	3	170.8	6	7	1	7
151.8	-	-	-	-	159.9	512	629	118	645	170.9	626	740	114	741
151.9	13080	14710	1630	14719	160.0	39	50	11	50	171.0	65	84	19	84
152.0	356	413	57	413	160.1	10	15	5	15	171.2	38	55	17	55
152.1	63	73	10	73	160.2	230	269	39	269	171.3	212	268	56	268
152.2	64	73	9	73	160.3	35	43	8	43	171.4	71	87	16	87
152.3	3	4	1	4	160.4	11	13	2	13	171.5	180	202	22	202
152.8	-	1	1	1	160.5	10	16	6	16	171.6	103	121	18	121
152.9	398	455	57	455	160.8	-	-	-	-	171.7	14	16	2	16
153.0	42	49	7	49	160.9	143	166	23	167	171.8	1	1	-	1
153.1	227	292	65	292	161.0	75	127	52	127	171.9	2282	2467	185	2492
153.2	242	298	56	298	161.1	147	198	51	198	172.0	3	6	3	6
153.3	1347	1649	302	1661	161.2	13	15	2	15	172.1	-	-	-	-
153.4	1030	1343	313	1343	161.3	3	5	2	5	172.2	16	20	4	20
153.5	137	152	15	152	161.8	-	-	-	-	172.3	74	93	19	93
153.6	798	998	201	998	161.9	3429	4870	1441	4878	172.4	68	80	12	80
153.7	33	42	9	42	162.0	144	194	50	194	172.5	215	233	18	233
153.8	4	5	1	5	162.2	103	122	19	122	172.6	95	111	16	111
153.9	44339	52744	8406	52867	162.3	1068	1295	227	1295	172.7	158	171	13	171
154.0	1269	1447	178	1386	162.4	62	90	28	90	172.8	1	1	-	1
154.1	6108	7449	1341	7510	162.5	387	473	86	473	172.9	5349	5901	552	5952
154.2	30	32	2	32	162.8	5	6	1	6	173.0	13	24	11	24
154.3	245	319	74	319	162.9	131515	143705	12192	143755	173.1	6	20	14	20
154.8	69	84	15	84	163.0	3	3	-	3	173.2	106	196	90	196
155.0	3422	3797	375	3797	163.1	1	1	-	1	173.3	236	503	267	516
155.1	1144	1232	88	1232	163.8	1	1	-	1	173.4	1049	1315	266	1315

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, 1988

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	71	98	27	99	187.4	177	262	85	262	192.1	130	164	34	164
173.6	40	71	31	71	187.5	1	2	1	2	192.2	81	104	23	104
173.7	50	76	26	77	187.6	5	7	2	7	192.3	1	3	2	3
173.8	1	2	1	2	187.7	7	8	1	8	192.8	-	-	-	-
173.9	529	975	446	2489	187.8	4	6	2	6	192.9	73	83	10	85
174.0	14	21	7	21	187.9	16	23	7	23	193	983	1258	275	1258
174.1	-	-	-	-	188.0	-	1	1	1	194.0	547	635	88	635
174.2	1	1	-	1	188.1	-	1	1	1	194.1	14	27	13	27
174.3	-	-	-	-	188.2	-	-	-	-	194.3	38	63	25	63
174.4	-	-	-	-	188.3	1	1	-	1	194.4	24	28	4	28
174.5	2	2	-	2	188.4	-	-	-	-	194.5	4	4	-	4
174.6	1	1	-	1	188.5	6	8	2	8	194.6	16	19	3	19
174.8	1	3	2	3	188.6	-	-	-	-	194.8	1	1	-	1
174.9	42153	50673	8520	50673	188.7	10	10	-	10	194.9	40	44	4	44
175	289	362	73	362	188.8	-	1	1	1	195.0	1453	1748	295	2077
179	2772	3512	740	3565	188.9	9788	13426	3638	13426	195.1	209	249	40	300
180.0	55	62	7	62	189.0	9056	10752	1696	10752	195.2	1092	1279	187	1448
180.1	-	-	-	-	189.1	147	166	19	166	195.3	282	366	84	424
180.8	5	6	1	6	189.2	283	380	97	380	195.4	17	24	7	28
180.9	4383	5042	659	5044	189.3	140	176	36	176	195.5	34	52	18	59
181	22	22	-	22	189.4	2	2	-	2	195.8	44	54	10	65
182.0	3120	3713	593	3713	189.8	-	-	-	-	196.0	...	154	154	154
182.1	-	-	-	-	189.9	41	54	13	59	196.1	...	123	123	123
182.8	-	-	-	-	190.0	5	8	3	8	196.2	...	167	167	167
183.0	12214	13252	1038	13252	190.1	44	65	21	65	196.3	...	45	45	45
183.2	166	183	17	183	190.2	6	6	-	6	196.5	...	25	25	25
183.3	1	1	-	1	190.3	3	3	-	3	196.6	...	23	23	23
183.4	-	-	-	-	190.4	-	-	-	-	196.8	...	1	1	1
183.5	-	-	-	-	190.5	28	33	5	33	196.9	...	1465	1465	1465
183.8	12	13	1	13	190.6	9	12	3	12	197.0	...	18336	18336	18336
183.9	4	5	1	5	190.7	1	2	1	2	197.1	...	809	809	809
184.0	383	497	114	497	190.8	-	-	-	-	197.2	...	1410	1410	1410
184.1	13	14	1	14	190.9	161	213	52	214	197.3	...	278	278	278
184.2	1	1	-	1	191.0	410	443	33	443	197.4	...	164	164	164
184.3	3	6	3	6	191.1	213	240	27	240	197.5	...	2230	2230	2230
184.4	560	734	174	734	191.2	170	186	16	186	197.6	...	1573	1573	1573
184.8	31	35	4	35	191.3	161	180	19	180	197.7	...	26838	26838	26838
184.9	48	60	12	62	191.4	28	34	6	34	197.8	...	1686	1686	1686
185	28982	39671	10689	39671	191.5	23	25	2	25	198.0	...	633	633	633
186.0	1	1	-	1	191.6	213	227	14	227	198.1	...	658	658	658
186.9	366	443	77	443	191.7	196	207	11	207	198.2	...	727	727	727
187.1	1	1	-	1	191.8	109	117	8	117	198.3	...	20254	20254	20254
187.2	-	-	-	-	191.9	9123	9730	607	9750	198.4	...	1153	1153	1153
187.3	-	1	1	1	192.0	12	19	7	19	198.5	...	15256	15256	15257

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, 1988

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	...	301	301	301	206.9	29	45	16	45	213.4	-	-	-	-
198.7	...	746	746	746	207.0	121	140	19	140	213.5	-	-	-	-
198.8	...	11608	11608	11608	207.1	-	-	-	-	213.6	2	2	-	2
199.0	2361	32817	30456	32817	207.2	47	48	1	48	213.7	-	-	-	-
199.1	30666	67812	37150	59101	207.8	78	96	18	96	213.8	-	-	-	-
200.0	880	1048	168	1068	208.0	2828	3054	226	3178	213.9	4	5	1	5
200.1	1046	1315	269	1315	208.1	199	341	142	348	214	7	23	16	23
200.2	151	162	11	208	208.2	9	12	3	12	215.0	3	7	4	7
200.8	388	451	63	486	208.8	35	40	5	40	215.2	-	-	-	-
201.0	-	-	-	-	208.9	1825	2517	693	2694	215.3	-	-	-	-
201.1	-	-	-	-	210.0	-	-	-	-	215.4	2	3	1	3
201.2	-	-	-	-	210.1	-	-	-	-	215.5	2	6	4	6
201.4	-	-	-	-	210.2	-	6	6	6	215.6	-	1	1	1
201.5	19	24	5	24	210.3	-	-	-	-	215.7	-	-	-	-
201.6	11	17	6	17	210.4	1	2	1	2	215.8	-	-	-	-
201.7	9	9	-	9	210.5	-	-	-	-	215.9	-	-	-	-
201.9	1569	2155	586	2155	210.6	-	-	-	-	216.0	30	55	25	55
202.0	218	267	49	267	210.7	-	-	-	-	216.1	-	-	-	-
202.1	145	210	65	210	210.8	-	-	-	-	216.2	-	-	-	-
202.2	6	16	10	16	210.9	2	4	2	4	216.3	1	2	1	2
202.3	38	42	4	42	211.0	1	3	2	3	216.4	-	2	2	2
202.4	116	177	61	177	211.1	14	50	36	50	216.5	-	2	2	2
202.5	1	1	-	1	211.2	4	8	4	8	216.6	-	-	-	-
202.6	-	-	-	-	211.3	65	290	225	290	216.7	-	-	-	-
202.8	14213	17359	3146	17933	211.4	3	8	5	8	216.8	4	4	-	4
202.9	57	72	15	76	211.5	8	14	6	14	216.9	-	-	-	-
203.0	8244	10155	1911	10155	211.6	17	24	7	24	217	15	26	11	26
203.1	48	78	30	78	211.7	20	60	40	60	218	2	4	2	4
203.8	26	40	14	40	211.8	3	5	2	5	219.0	21	70	49	70
204.0	1362	1506	144	1538	211.9	3	5	2	5	219.0	1	1	-	1
204.1	3302	5601	2299	5601	212.0	2	9	7	10	219.1	-	1	1	1
204.2	1	1	-	1	212.1	1	2	1	2	219.8	-	-	-	-
204.8	5	5	-	5	212.2	2	4	2	4	219.9	-	-	-	-
204.9	345	495	150	510	212.3	2	2	-	2	220	5	7	2	7
205.0	4703	5019	316	5132	212.4	7	12	5	12	221.0	18	47	29	47
205.1	2168	2731	563	2731	212.5	4	5	1	5	221.1	-	1	1	1
205.2	18	23	5	23	212.6	1	2	1	2	221.2	-	-	-	-
205.3	18	27	9	27	212.7	4	5	1	5	221.2	-	-	-	-
205.8	2	2	-	2	212.8	17	40	23	40	221.8	-	-	-	-
205.9	245	324	79	333	212.9	42	67	25	67	221.9	-	-	-	-
206.0	219	242	23	245	213.0	-	-	-	-	222.0	-	-	-	-
206.1	18	24	6	24	213.1	-	-	-	-	222.1	-	-	-	-
206.2	-	1	1	1	213.2	-	-	-	-	222.2	1	5	4	5
206.8	-	-	-	-	213.3	3	6	3	6	222.3	-	-	-	-
						1	1	-	1	222.4	-	-	-	-
						-	1	1	1	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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	-
223.0	4	18	14	18	230.7	-	1	1	1	236.4	1	2	1	2
223.1	1	1	-	1	230.8	-	1	1	1	236.5	-	-	-	-
223.2	-	-	-	-	230.9	-	-	-	-	236.6	-	-	-	-
223.3	1	3	2	3	231.0	-	2	2	2	236.7	2	5	3	5
223.8	-	-	-	-	231.1	-	-	-	-	236.9	12	18	6	18
223.9	-	-	-	-	231.2	-	1	1	1	237.0	55	95	40	95
224.0	1	1	-	1	231.8	-	-	-	-	237.1	4	7	3	7
224.1	-	1	1	1	231.9	-	-	-	-	237.2	-	1	1	1
224.2	-	-	-	-	232.0	-	1	1	1	237.3	3	9	6	9
224.3	-	-	-	-	232.1	-	-	-	-	237.4	1	6	5	6
224.4	-	-	-	-	232.2	-	-	-	-	237.5	27	35	8	35
224.5	-	-	-	-	232.3	-	-	-	-	237.6	3	4	1	4
224.6	-	-	-	-	232.4	-	-	-	-	237.7	54	204	150	204
224.7	-	-	-	-	232.5	-	1	1	1	237.9	-	1	1	1
224.8	-	-	-	-	232.6	-	-	-	-	238.0	8	15	7	15
224.9	-	-	-	-	232.7	-	1	1	1	238.1	28	42	14	42
225.0	111	149	38	149	232.8	-	-	-	-	238.2	2	3	1	3
225.1	44	84	40	84	232.9	1	4	3	4	238.3	3	5	2	5
225.2	742	1418	676	1418	233.0	-	2	2	2	238.4	305	1213	908	1213
225.3	6	10	4	10	233.1	2	7	5	7	238.5	-	1	1	1
225.4	3	13	10	13	233.2	1	2	1	2	238.6	34	84	50	84
225.8	-	-	-	-	233.3	-	-	-	-	238.7	778	1535	757	1535
225.9	2	5	3	5	233.4	-	2	2	2	238.8	8	18	10	18
226	4	26	22	26	233.5	-	1	1	1	238.9	85	170	85	173
227.0	28	98	70	98	233.6	-	-	-	-	239.0	348	615	267	647
227.1	14	50	36	50	233.7	1	5	4	5	239.1	364	725	361	735
227.3	87	210	123	210	233.9	-	-	-	-	239.2	22	62	40	63
227.4	-	-	-	-	234.0	-	-	-	-	239.3	3	32	29	32
227.5	1	1	-	1	234.8	-	-	-	-	239.4	34	127	93	129
227.6	-	1	1	1	234.9	5	10	5	10	239.5	98	260	162	265
227.8	-	-	-	-	235.0	1	1	-	1	239.6	2336	3019	683	3043
227.9	-	-	-	-	235.1	1	1	-	1	239.7	156	381	225	384
228.0	37	73	36	73	235.2	51	140	89	140	239.8	236	460	224	461
228.1	33	86	53	86	235.3	13	19	6	19	239.9	108	188	80	357
229.0	-	-	-	-	235.4	2	4	2	4	240.0	-	1	1	1
229.8	5	15	10	15	235.5	11	25	14	25	240.9	25	215	190	223
229.9	20	37	17	37	235.6	-	-	-	-	241.0	-	23	23	24
230.0	-	1	1	1	235.7	30	41	11	41	241.1	4	33	29	35
230.1	-	1	1	1	235.8	3	5	2	5	241.9	5	50	45	51
230.2	-	2	2	2	235.9	1	1	-	1	242.0	15	84	69	75
230.3	-	8	8	8	236.0	2	3	1	3	242.1	2	2	-	1
230.4	-	2	2	2	236.1	1	2	1	2	242.2	3	11	8	9
230.5	-	-	-	-	236.2	9	13	4	13	242.3	6	10	4	9

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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
242.4	-	-	-	-	253.0	10	61	51	61	259.8	4	10	6	10
242.8	-	1	1	1	253.1	1	3	2	3	259.9	1	16	15	25
242.9	96	514	418	535	253.2	47	375	328	375	260	44	140	97	146
243	6	20	14	20	253.3	2	3	1	3	261	296	2127	1851	2223
244.0	...	6	6	6	253.4	-	1	1	1	262	22	64	42	56
244.1	-	1	1	1	253.5	21	195	174	195	263.0	-	5	5	5
244.2	-	-	-	-	253.6	89	593	504	593	263.1	2	3	1	3
244.3	-	-	-	-	253.7	1	4	3	4	263.2	2	2	-	-
244.8	-	2	2	2	253.8	7	16	9	16	263.8	1	4	3	4
244.9	544	6900	6356	6900	253.9	7	20	13	22	263.9	2475	24721	22249	25331
245.0	1	3	2	3	254.0	5	10	5	10	264.0	-	-	-	-
245.1	-	-	-	-	254.1	-	1	1	1	264.1	-	-	-	-
245.2	1	24	23	24	254.8	1	3	2	3	264.2	-	-	-	-
245.3	-	-	-	-	254.9	1	2	1	2	264.3	-	-	-	-
245.4	1	1	-	1	255.0	55	261	206	261	264.4	-	-	-	-
245.8	2	10	8	10	255.1	4	23	19	23	264.5	-	-	-	-
245.9	1	25	24	26	255.2	4	10	6	10	264.6	-	-	-	-
246.0	-	-	-	-	255.3	-	18	18	18	264.7	-	-	-	-
246.1	-	-	-	-	255.4	150	954	804	955	264.8	-	-	-	-
246.2	1	4	3	4	255.5	-	7	7	7	264.9	-	2	2	2
246.3	1	6	5	6	255.6	-	2	2	2	265.0	2	8	6	8
246.8	4	8	4	8	255.8	10	58	48	58	265.1	13	72	60	74
246.9	12	99	87	104	255.9	9	49	40	53	265.2	-	-	-	-
250.0	29783	136447	106675	154158	256.0	-	1	1	1	266.0	-	4	4	5
250.1	1805	3012	1207	1937	256.1	-	-	-	-	266.1	-	3	3	4
250.2	1384	2263	880	1415	256.2	-	-	-	-	266.2	12	133	121	161
250.3	3161	6366	3225	1437	256.3	-	2	2	2	266.9	2	8	6	8
250.4	101	382	281	170	256.4	-	2	2	2	267	4	9	5	9
250.5	261	746	486	292	256.8	-	-	-	-	268.0	2	6	4	7
250.6	2772	7059	4295	182	256.9	-	-	-	-	268.1	-	1	1	1
250.7	948	2284	1340	169	257.0	-	-	-	-	268.2	2	26	24	26
250.9	153	198	45	238	257.1	-	-	-	-	268.9	-	3	3	3
251.0	40	105	65	159	257.2	-	7	7	7	269.0	1	6	5	6
251.1	2	11	9	11	257.8	-	-	-	-	269.1	-	-	-	-
251.2	138	1257	1119	1287	257.9	-	-	-	-	269.2	1	7	6	9
251.3	...	-	-	-	258.0	1	4	3	4	269.3	1	2	1	2
251.4	-	-	-	-	258.1	-	-	-	-	269.8	1	9	8	9
251.5	11	43	32	43	258.8	-	-	-	-	269.9	102	1001	899	1055
251.8	2	30	28	30	258.9	1	15	14	15	270.0	8	10	2	10
251.9	-	2	2	3	259.0	-	-	-	-	270.1	3	5	2	5
252.0	94	408	314	408	259.1	-	-	-	-	270.2	8	14	6	14
252.1	14	107	93	107	259.2	16	40	24	40	270.3	4	5	1	5
252.8	-	1	1	1	259.3	1	1	-	1	270.4	4	4	-	4
252.9	2	8	6	8	259.4	67	110	43	110	270.5	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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	41	69	28	69	276.6	41	243	202	243	283.0	91	252	161	252
270.7	13	30	17	30	276.7	266	3416	3150	3416	283.1	31	146	115	146
270.8	5	7	2	7	276.8	117	955	838	955	283.2	17	37	20	37
270.9	2	2	-	3	276.9	372	3381	3009	4490	283.9	9	39	30	40
271.0	30	37	7	37	277.0	356	387	31	387	284.0	30	61	31	36
271.1	-	2	2	2	277.1	9	36	27	36	284.8	403	2748	2345	2805
271.2	-	1	1	1	277.2	1	2	1	2	284.9	869	1834	967	1932
271.3	4	152	148	152	277.3	644	1031	387	1031	285.0	157	443	286	430
271.4	4	14	10	14	277.4	3	19	16	19	285.1	14	25	11	12
271.8	5	10	5	10	277.5	58	72	14	72	285.8	57	205	148	203
271.9	-	1	1	1	277.6	117	161	44	161	285.9	1301	26379	25079	27020
272.0	329	1207	879	1227	277.8	44	72	28	72	286.0	70	270	200	272
272.1	21	71	50	91	277.9	299	1623	1324	1870	286.1	6	28	22	28
272.2	5	33	28	13	278.0	1135	8206	7071	8285	286.2	2	9	7	9
272.3	-	3	3	3	278.1	1	1	-	1	286.3	34	149	115	149
272.4	394	1390	997	1399	278.2	1	2	1	2	286.4	11	39	28	39
272.5	5	17	12	17	278.3	-	2	2	2	286.5	4	7	3	7
272.6	1	2	1	2	278.4	-	-	-	-	286.6	754	4711	3957	4711
272.7	67	103	36	103	278.8	132	221	89	221	286.7	4	7	3	7
272.8	7	17	10	17	279.0	21	90	69	90	286.9	357	2504	2147	2551
272.9	2	9	7	9	279.1	9	35	26	35	287.0	7	25	18	25
273.0	1	5	4	5	279.2	25	51	26	51	287.1	6	27	21	27
273.1	23	128	105	128	279.3	405	981	576	993	287.2	5	38	33	39
273.2	59	126	67	126	279.4	124	231	107	231	287.3	218	578	360	578
273.3	222	442	220	442	279.8	10	21	11	23	287.4	4	39	35	39
273.8	133	1065	932	1065	279.9	6	16	10	16	287.5	422	3915	3494	3941
273.9	14	42	28	44	280	100	1227	1128	1166	287.8	-	5	5	5
274.0	20	236	216	202	281.0	102	1383	1281	1383	287.9	47	340	293	408
274.1	16	23	10	16	281.1	-	18	18	18	288.0	330	2542	2212	2544
274.8	-	7	7	1	281.2	13	123	110	123	288.1	18	42	24	42
274.9	45	1143	1099	1196	281.3	2	5	3	5	288.2	1	2	1	2
275.0	170	413	243	453	281.4	1	2	1	1	288.3	22	54	32	54
275.1	12	21	9	21	281.8	18	167	150	3	288.8	147	613	466	613
275.2	6	30	24	30	281.9	53	233	182	174	288.9	-	4	4	4
275.3	4	35	31	35	282.0	9	27	18	27	289.0	1	64	63	64
275.4	142	4417	4275	4417	282.1	-	1	1	1	289.1	-	-	-	-
275.8	-	1	1	1	282.2	-	3	3	3	289.2	3	5	2	5
275.9	-	-	-	-	282.3	8	12	4	12	289.3	3	14	11	14
276.0	196	1006	810	1006	282.4	25	115	90	115	289.4	19	191	172	191
276.1	213	1730	1517	1730	282.5	6	28	22	33	289.5	95	506	411	509
276.2	920	7235	6316	8337	282.6	326	521	195	526	289.6	1	4	3	4
276.3	11	88	77	88	282.7	4	12	8	13	289.7	3	6	3	6
276.4	-	3	3	3	282.8	-	-	-	-	289.8	1795	4006	2211	4023
276.5	3003	22509	19506	22516	282.9	170	596	426	608	289.9	110	444	334	600

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, 1988

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	2882	13659	10782	13634	296.8	2	14	12	14	302.5	-	-	-	-
290.1	2550	6164	3614	5705	296.9	3	50	47	53	302.6	-	-	-	-
290.2	69	490	426	103	297.0	-	-	-	-	302.7	-	1	1	1
290.3	15	17	3	1	297.1	2	51	49	51	302.8	2	4	2	4
290.4	1213	4187	2974	3542	297.2	-	1	1	1	302.9	-	1	1	1
290.8	-	2	2	2	297.3	1	2	1	2	303	4718	13842	9126	19572
290.9	5	8	3	8	297.8	-	-	-	-	304.0	14	32	18	32
291.0	174	303	139	321	297.9	2	58	56	58	304.1	2	8	6	8
291.1	10	11	6	6	298.0	-	-	-	-	304.2	19	33	14	33
291.2	70	55	35	55	298.1	2	8	6	8	304.3	-	-	-	-
291.3	-	1	1	1	298.2	-	5	5	5	304.4	-	3	3	3
291.4	-	-	-	-	298.3	1	1	-	1	304.5	-	-	-	-
291.5	-	-	-	-	298.4	-	2	2	2	304.6	12	93	81	93
291.8	113	183	82	229	298.8	2	12	10	12	304.7	1	1	-	1
291.9	5	83	80	4	298.9	2858	10751	7897	10947	304.8	-	-	-	-
292.0	4	9	5	9	299.0	4	8	4	8	304.9	904	2723	1819	2725
292.1	-	1	1	1	299.1	-	-	-	-	305.0	733	3519	2786	5384
292.2	-	-	-	-	299.8	-	1	1	1	305.1	161	13156	12995	13156
292.8	1	3	2	3	299.9	-	-	-	-	305.2	1	32	31	32
292.9	2	7	5	7	300.0	5	330	325	330	305.3	1	7	6	7
293.0	2	14	12	14	300.1	9	18	9	18	305.4	-	6	6	6
293.1	-	-	-	-	300.2	-	9	9	9	305.5	10	38	28	38
293.8	-	2	2	2	300.3	-	1	1	1	305.6	89	349	260	349
293.9	6	25	19	25	300.4	18	296	278	296	305.7	1	22	21	22
294.0	18	107	89	107	300.5	-	3	3	3	305.8	-	3	3	3
294.8	1	4	3	4	300.6	-	-	-	-	305.9	825	2746	1921	2779
294.9	98	1634	1541	13813	300.7	-	1	1	1	306.0	-	1	1	1
295.0	71	260	189	260	300.8	1	2	1	2	306.1	1	7	6	7
295.1	1	20	19	20	300.9	18	231	213	235	306.2	9	109	100	109
295.2	15	55	40	55	301.0	-	11	11	11	306.3	-	1	1	1
295.3	12	251	239	251	301.1	-	2	2	2	306.4	3	10	7	10
295.4	-	-	-	-	301.2	-	3	3	3	306.5	-	-	-	-
295.5	-	-	-	-	301.3	-	3	3	3	306.6	-	-	-	-
295.6	50	614	564	614	301.4	-	1	1	1	306.7	-	-	-	-
295.7	1	26	25	26	301.5	-	2	2	2	306.8	-	-	-	-
295.8	1	10	9	10	301.6	-	1	1	1	306.9	-	2	2	2
295.9	79	1517	1438	1520	301.7	-	5	5	5	307.0	-	1	1	1
296.0	1	27	26	27	301.8	-	2	2	2	307.1	67	144	77	144
296.1	26	201	175	201	301.9	2	79	77	79	307.2	-	6	6	6
296.2	1	9	8	9	302.0	-	38	38	38	307.3	-	-	-	-
296.3	-	3	3	3	302.1	-	1	1	1	307.4	-	-	-	-
296.4	1	5	4	5	302.2	-	-	-	-	307.5	91	332	241	332
296.5	6	120	114	120	302.3	-	-	-	-	307.6	-	-	-	-
296.6	10	231	221	231	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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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307.8	-	1	1	1	315.8	1	1	-	1	333.5	10	53	43	53
307.9	26	101	75	113	315.9	5	18	13	18	333.6	12	20	8	20
308.0	-	1	1	1	316	1	4	3	4	333.7	-	-	-	-
308.1	-	-	-	-	317	2	20	18	20	333.8	25	155	130	155
308.2	-	-	-	-	318.0	-	13	13	13	333.9	22	59	37	60
308.3	3	4	1	4	318.1	78	277	199	277	334.0	39	65	26	65
308.4	-	1	1	1	318.2	35	162	127	162	334.1	6	11	5	11
308.9	51	302	251	302	319	271	1673	1402	1676	334.2	18	37	19	38
309.0	2	29	27	29	320.0	117	134	17	134	334.3	12	60	48	60
309.1	-	-	-	-	320.1	229	386	157	386	334.8	69	141	72	141
309.2	-	-	-	-	320.2	70	135	65	135	334.9	113	228	115	228
309.3	1	1	-	1	320.3	20	81	61	81	335.0	157	172	15	172
309.4	-	-	-	-	320.8	27	52	25	52	335.1	20	33	13	33
309.8	-	-	-	-	320.9	238	398	160	404	335.2	3402	4058	656	4058
309.9	1	10	9	10	322.0	2	3	1	3	335.8	-	-	-	-
310.0	2	7	5	8	322.1	-	-	-	-	335.9	3	7	4	7
310.1	-	6	6	6	322.2	14	23	9	23	336.0	47	85	38	85
310.2	17	47	30	49	322.9	439	1643	1204	1662	336.1	35	120	85	120
310.8	2	3	1	3	323.5	-	1	1	1	336.8	17	71	54	76
310.9	5107	33296	28189	33301	323.8	1	6	5	6	336.9	62	252	190	1026
311	299	4842	4543	4848	323.9	254	846	592	907	337.0	-	5	5	5
312.0	-	-	-	-	324.0	145	432	288	433	337.9	17	34	17	64
312.1	1	1	-	1	324.1	8	21	13	21	340	1635	2945	1310	2945
312.2	-	-	-	-	324.9	28	50	22	51	341.0	2	2	-	2
312.3	-	-	-	-	325	15	51	36	51	341.1	8	13	5	15
312.8	1	3	2	3	326	28	53	25	53	341.8	31	38	7	38
312.9	2	16	14	16	330.0	90	108	18	108	341.9	123	248	125	256
313.0	-	-	-	-	330.1	41	48	7	48	342.0	1	7	6	7
313.1	-	-	-	-	330.8	22	25	3	25	342.1	1	28	27	28
313.2	-	-	-	-	330.9	5	6	1	6	342.9	150	8627	8477	9055
313.3	-	-	-	-	331.0	12281	29096	16816	29531	343.0	3	7	4	6
313.8	-	-	-	-	331.1	30	48	18	50	343.1	-	3	3	3
313.9	-	1	1	1	331.2	48	132	86	120	343.2	33	59	26	22
314.0	-	1	1	1	331.3	7	31	24	31	343.3	-	-	-	-
314.1	-	-	-	-	331.4	603	2191	1591	2225	343.4	-	-	-	-
314.2	-	-	-	-	331.8	53	77	24	78	343.8	-	1	1	1
314.8	-	1	1	1	331.9	551	2295	1744	2500	343.9	623	1250	627	1293
314.9	-	6	6	6	332.0	6395	19542	13149	19557	344.0	207	1361	1154	1398
315.0	-	-	-	-	332.1	2	9	7	9	344.1	119	1317	1198	1320
315.1	-	-	-	-	333.0	162	274	112	263	344.2	1	21	20	21
315.2	-	-	-	-	333.1	1	38	37	38	344.3	6	48	42	48
315.3	-	3	3	3	333.2	15	29	14	29	344.4	2	17	15	17
315.4	3	20	17	20	333.3	-	-	-	-	344.5	-	1	1	1
315.5	-	-	-	-	333.4	391	591	200	591	344.6	123	630	507	630

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
344.8	141	1329	1188	1329	352.5	1	1	-	1	358.2	-	-	-	
344.9	61	829	768	865	352.6	5	10	5	9	358.8	13	16	3	
345.0	4	11	7	11	352.9	19	29	10	29	358.9	110	183	73	
345.1	322	751	429	751	353.0	-	13	13	13	359.0	25	34	9	
345.2	-	2	2	2	353.1	-	-	-	-	359.1	622	865	243	
345.3	554	1103	549	1100	353.2	-	1	1	1	359.2	135	189	54	
345.4	8	28	20	28	353.3	-	-	-	-	359.3	-	4	4	
345.5	6	24	18	24	353.4	-	-	-	-	359.4	7	58	51	
345.6	7	12	5	12	353.5	-	-	-	-	359.8	12	33	21	
345.7	2	6	4	6	353.6	-	1	1	1	359.9	90	270	180	
345.8	1	5	4	5	353.8	-	2	2	2	360.0	4	21	17	
345.9	715	1361	646	1420	353.9	-	-	-	-	360.1	-	-	-	
346.0	1	2	1	2	354.0	-	4	4	4	360.2	-	-	-	
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	
346.2	-	1	1	1	354.2	-	-	-	-	360.4	-	-	-	
346.8	1	3	2	3	354.3	1	1	-	1	360.5	-	-	-	
346.9	1	25	24	25	354.4	-	-	-	-	360.6	-	-	-	
347	3	39	36	39	354.5	2	6	4	6	360.8	-	4	4	
348.0	31	71	40	71	354.8	7	12	5	12	360.9	-	1	1	
348.1	2144	16962	14818	16929	354.9	-	2	2	2	361.0	-	-	-	
348.2	42	1270	1228	1270	355.0	1	4	3	4	361.1	-	-	-	
348.3	476	3255	2779	3345	355.1	-	-	-	-	361.2	-	-	-	
348.4	76	2950	2874	2950	355.2	1	6	5	6	361.3	-	-	-	
348.5	189	3054	2865	3054	355.3	-	1	1	1	361.8	-	-	-	
348.8	103	847	744	848	355.4	-	-	-	-	361.9	-	16	16	
348.9	340	1438	1098	2168	355.5	-	-	-	-	362.1	-	14	14	
349.0	-	-	-	-	355.6	-	1	1	1	362.2	-	2	2	
349.1	2	2	-	2	355.7	-	1	1	1	362.3	-	11	11	
349.2	-	2	2	2	355.8	1	12	11	12	362.4	-	-	-	
349.8	191	452	261	452	355.9	43	258	216	520	362.5	-	90	90	
349.9	110	238	129	351	356.0	1	1	-	1	362.6	-	12	12	
350.1	-	100	100	100	356.1	22	78	56	78	362.7	-	29	29	
350.2	-	1	1	1	356.2	1	4	3	4	362.8	-	7	7	
350.8	-	-	-	-	356.3	-	2	2	2	362.9	-	6	6	
350.9	1	2	1	2	356.4	4	5	1	5	363.0	-	-	-	
351.0	4	48	44	48	356.8	263	389	126	389	363.1	-	-	-	
351.1	-	-	-	-	356.9	71	402	331	686	363.2	-	63	63	
351.8	1	6	5	6	357.0	192	398	206	400	363.3	-	-	-	
351.9	-	2	2	2	357.5	6	18	15	18	363.4	-	1	1	
352.0	-	2	2	-	357.6	-	-	-	-	363.5	-	-	-	
352.1	-	-	-	-	357.7	2	2	-	2	363.6	-	-	-	
352.2	1	1	-	2	357.8	2	4	2	4	363.7	-	-	-	
352.3	1	3	2	4	357.9	5	31	26	39	363.8	-	-	-	
352.4	-	-	-	1	358.0	232	641	409	641	363.9	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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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364.0	-	-	-	-	369.0	5	1477	1472	1477	374.2	-	-	-	-
364.1	-	1	1	1	369.1	-	-	-	-	374.3	-	1	1	1
364.2	-	-	-	-	369.2	-	2	2	2	374.4	-	1	1	1
364.3	-	6	6	7	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	-	-	-	369.6	-	26	26	26	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	2	2	2
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	35	35	35	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	13	13	13	375.2	-	-	-	-
364.9	-	-	-	-	370.2	-	-	-	-	375.3	-	-	-	-
365.0	-	-	-	-	370.3	-	-	-	-	375.4	-	-	-	-
365.1	-	4	4	4	370.4	-	-	-	-	375.5	-	-	-	-
365.2	-	5	5	5	370.5	-	2	2	2	375.6	-	-	-	-
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	-	-	-	370.9	-	3	3	3	376.0	6	14	8	14
365.6	-	1	1	1	371.0	-	5	5	5	376.1	-	1	1	1
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	5	5	6
365.9	6	825	819	831	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	2	2	2	371.3	-	-	-	-	376.5	-	1	1	1
366.1	-	4	4	4	371.4	-	3	3	3	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	2	2	2	376.8	1	1	-	1
366.3	-	-	-	1	371.6	-	1	1	1	376.9	1	2	1	2
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	1	1	1
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	4	4	4
366.8	-	-	-	-	371.9	-	5	5	5	377.2	-	-	-	-
366.9	2	264	262	296	372.0	-	11	11	11	377.3	1	14	13	14
367.0	-	1	1	1	372.1	-	5	5	5	377.4	-	-	-	-
367.1	-	1	1	1	372.2	-	-	-	-	377.5	-	-	-	-
367.2	-	-	-	-	372.3	1	9	8	9	377.6	-	-	-	-
367.3	-	-	-	-	372.4	-	-	-	-	377.7	-	-	-	-
367.4	-	-	-	-	372.5	-	-	-	-	377.9	-	-	-	-
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	1	1	1
367.8	-	-	-	-	372.7	-	-	-	-	378.1	-	-	-	-
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	2	2	2	372.9	-	-	-	-	378.3	-	1	1	1
368.1	-	1	1	1	373.0	-	2	2	2	378.4	-	-	-	-
368.2	-	-	-	-	373.1	-	-	-	-	378.5	-	1	1	1
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	8	8	8	373.3	-	1	1	1	378.7	-	-	-	-
368.5	-	1	1	1	373.8	-	-	-	-	378.8	-	5	5	5
368.6	-	-	-	-	373.9	-	-	-	-	378.9	-	2	2	3
368.8	-	-	-	-	374.0	-	1	1	1	379.0	-	3	3	3
368.9	-	-	-	-	374.1	-	1	1	1	379.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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	1	10	9	10	394.9	1755	3294	1539	3386
379.3	-	2	2	2	385.8	-	-	-	-	395.0	100	128	28	221
379.4	-	1	1	1	385.9	-	-	-	-	395.1	38	46	8	96
379.5	-	2	2	2	386.0	1	23	22	23	395.2	17	24	8	-
379.8	-	1	1	1	386.1	-	-	-	-	395.9	68	87	19	103
379.9	-	13	13	13	386.2	-	-	-	-	396	1057	1792	736	1691
380.0	-	-	-	-	386.3	1	14	13	14	397.0	124	581	457	581
380.1	2	17	15	17	386.4	-	-	-	-	397.1	2	5	3	5
380.2	-	-	-	-	386.5	-	1	1	1	397.9	373	519	146	635
380.3	-	1	1	1	386.8	-	-	-	-	398.0	2	2	-	4
380.4	-	1	1	1	386.9	-	-	-	-	398.9	1589	2739	1150	4060
380.5	-	-	-	-	387.0	-	-	-	-	401.0	48	485	437	615
380.8	-	-	-	-	387.1	-	-	-	-	401.1	4	82	78	93
380.9	-	-	-	-	387.2	-	-	-	-	401.9	4235	88771	84544	103971
381.0	1	1	-	1	387.8	-	-	-	-	402.0	22	15	3	1
381.1	-	-	-	-	387.9	-	5	5	5	402.1	4	6	2	1
381.2	-	1	1	1	388.0	1	17	16	17	402.9	20762	37415	16798	34855
381.3	-	-	-	-	388.1	-	-	-	-	403.0	59	108	54	9
381.4	-	1	1	1	388.2	-	-	-	-	403.1	12	26	14	20
381.5	-	-	-	-	388.3	-	1	1	1	403.9	4098	12068	8036	5344
381.6	-	-	-	-	388.4	-	1	1	1	404.0	8	12	5	1
381.7	-	-	-	-	388.5	-	1	1	1	404.1	1	1	-	1
381.8	-	-	-	-	388.6	-	-	-	-	404.9	2441	3465	1323	653
381.9	-	-	-	-	388.7	-	-	-	-	410	247950	275239	27290	275239
382.0	1	1	-	1	388.8	-	-	-	-	411	3408	8037	4629	8037
382.1	-	-	-	-	388.9	-	2	2	2	412	1037	6486	5449	6487
382.2	-	-	-	-	389.0	-	2	2	2	413	1021	6260	5239	6261
382.3	1	3	2	3	389.1	-	16	16	16	414.0	175887	297105	121220	297109
382.4	3	8	5	8	389.2	-	-	-	-	414.1	346	1154	808	1154
382.9	43	109	66	109	389.7	-	40	40	40	414.8	10618	17196	6578	17196
383.0	2	3	1	3	389.8	-	1	1	1	414.9	69325	131429	62105	140872
383.1	-	5	5	5	389.9	2	448	446	449	415.0	5	107	102	107
383.2	1	2	1	2	390	19	51	32	61	415.1	10616	28915	18299	28916
383.3	...	1	1	1	391.0	41	85	44	87	416.0	1203	3304	2101	3304
383.8	-	-	-	-	391.1	7	11	4	14	416.1	107	232	125	36
383.9	8	25	17	25	391.2	-	-	-	-	416.8	1	1	-	1
384.0	-	-	-	-	391.8	3	8	5	3	416.9	959	8383	7424	8654
384.1	-	1	1	1	391.9	5	6	1	11	417.0	2	7	5	7
384.2	2	4	2	4	392.0	-	-	-	-	417.1	12	19	7	19
384.8	-	-	-	-	392.9	1	1	-	1	417.8	19	57	38	57
384.9	-	-	-	-	393	1	2	1	2	417.9	12	16	4	18
385.0	-	-	-	-	394.0	958	1607	649	1780	420.9	82	226	144	229
385.1	-	-	-	-	394.1	164	211	49	410	421.0	944	2177	1233	2218
385.2	-	-	-	-	394.2	97	129	36	1	421.9	18	42	24	47

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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422.9	279	412	134	416	429.4	...	16	16	16	442.1	31	45	14	45
423.0	40	710	670	710	429.5	14	52	38	52	442.2	170	292	122	292
423.1	12	84	72	84	429.6	2	133	131	133	442.3	41	124	83	124
423.2	62	171	109	171	429.8	109	574	465	582	442.8	103	237	134	256
423.8	12	47	35	47	429.9	2742	8966	6230	18590	442.9	330	515	185	749
423.9	360	3699	3339	3966	430	6781	7752	981	7129	443.0	18	94	76	94
424.0	1801	4210	2409	4203	431	18857	25882	7036	26454	443.1	18	57	39	57
424.1	7313	15948	8635	15948	432.0	5	6	1	7	443.8	22	71	49	71
424.2	5	28	23	28	432.1	394	1042	649	1057	443.9	3182	12839	10004	17207
424.3	13	25	12	25	432.9	1986	3023	1043	3296	444.0	118	296	178	296
424.9	2599	5169	2570	5525	433.0	362	438	76	478	444.1	302	612	310	612
425.0	7	9	2	9	433.1	762	1608	846	1627	444.2	595	2423	1828	2423
425.1	270	463	193	463	433.2	32	50	18	100	444.8	121	485	364	485
425.2	-	-	-	-	433.3	63	111	48	58	444.9	332	1114	782	1567
425.3	84	111	27	111	433.8	9	19	10	20	446.0	129	221	92	221
425.4	18862	24301	5439	24306	433.9	8	12	4	12	446.1	3	5	2	5
425.5	830	957	218	784	434.0	9856	13770	3914	13770	446.2	107	204	97	204
425.9	407	8373	7970	9402	434.1	741	2334	1593	2334	446.3	1	2	1	2
426.0	316	3171	2855	3171	434.9	11409	19627	8218	20565	446.4	150	242	92	242
426.1	43	426	383	426	435	372	2284	1912	2284	446.5	113	557	444	557
426.2	-	13	13	13	436	82450	146980	64533	152841	446.6	230	275	45	275
426.3	13	352	339	352	437.0	5118	25746	20636	25131	446.7	10	19	9	19
426.4	5	231	226	231	437.1	607	1962	1355	2014	447.0	7	24	17	24
426.5	6	102	96	102	437.2	81	131	50	115	447.1	133	381	248	381
426.6	6	111	105	111	437.3	388	653	265	2030	447.2	249	590	341	590
426.7	39	110	71	110	437.4	60	94	34	95	447.3	-	-	-	-
426.8	264	3435	3171	3435	437.5	14	19	5	19	447.4	2	6	4	6
426.9	168	1537	1369	1537	437.6	-	1	1	1	447.5	-	2	2	2
427.0	16	209	193	209	437.8	78	515	437	314	447.6	508	1283	775	1366
427.1	595	7238	6643	7238	437.9	4121	12441	8327	18851	447.8	19	50	31	50
427.2	3	42	39	42	438	5963	17675	11712	17675	447.9	374	635	261	904
427.3	2665	26377	23712	26377	440.0	44	384	340	645	448.0	31	77	46	77
427.4	1543	22546	21003	22546	440.1	26	246	220	274	448.1	1	1	-	1
427.5	47500	556793	509295	556795	440.2	1018	3608	2590	2342	448.9	16	58	42	58
427.6	123	1372	1249	1372	440.8	5	58	53	72	451.0	4	12	8	12
427.8	611	5079	4468	5079	440.9	20993	95412	74420	106192	451.1	531	1277	747	1281
427.9	4076	43463	39388	66154	441.0	2871	3187	317	3188	451.2	483	1121	638	1124
428.0	37371	228093	190727	230789	441.1	1217	1284	68	1354	451.8	36	93	57	93
428.1	215	896	683	2267	441.2	529	1134	605	1289	451.9	409	1419	1012	1439
428.9	5354	38367	33013	41371	441.3	6514	7001	487	6997	452	34	121	87	121
429.0	682	1973	1292	1898	441.4	1683	5092	3409	5565	453.0	37	105	68	105
429.1	763	1307	545	1329	441.5	2252	2421	169	2596	453.1	-	47	47	47
429.2	72827	114615	41796	115906	441.6	653	1873	1220	2124	453.2	46	213	167	213
429.3	898	6866	5968	6980	442.0	-	1	1	1	453.3	16	51	35	51

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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453.8	188	519	331	519	463	1	11	10	11	478.8	-	-	-	-
453.9	104	1151	1047	1875	464.0	10	28	18	31	478.9	17	26	9	26
454.0	52	217	165	216	464.1	20	45	25	55	480.0	1	6	5	7
454.1	13	63	50	58	464.2	4	10	6	8	480.1	17	38	21	40
454.2	8	24	16	15	464.3	54	73	19	73	480.2	2	4	2	4
454.9	104	326	222	345	464.4	2	3	1	3	480.8	3	4	1	4
455.0	2	5	3	5	465.0	-	4	4	4	480.9	659	1015	356	1054
455.1	-	-	-	-	465.8	-	-	-	-	481	2726	5075	2349	5059
455.2	-	-	-	-	465.9	190	742	552	850	482.0	331	775	445	779
455.3	-	-	-	-	466.0	543	2042	1499	2356	482.1	596	1733	1137	1746
455.4	1	1	-	1	466.1	92	204	112	204	482.2	107	234	127	237
455.5	-	-	-	-	470	-	2	2	2	482.3	291	564	273	569
455.6	2	47	45	54	471.0	-	-	-	-	482.4	761	1679	918	1719
455.7	-	-	-	-	471.1	-	-	-	-	482.8	302	646	344	656
455.8	4	22	18	16	471.8	-	-	-	-	482.9	985	1968	991	1954
455.9	2	3	1	3	471.9	1	5	4	5	483	127	186	59	189
456.0	358	3618	3260	1694	472.0	1	6	5	6	485	7728	22927	15199	23078
456.1	32	940	908	2934	472.1	1	1	-	1	486	61083	161956	100877	166313
456.3	-	-	-	-	472.2	-	-	-	-	487.0	884	1028	145	135
456.4	-	2	2	2	473.0	9	18	9	18	487.1	1025	1602	604	2531
456.5	-	2	2	2	473.1	2	6	4	6	487.8	34	46	14	11
456.6	-	1	1	1	473.2	2	3	1	3	490	657	2324	1667	3667
456.8	28	341	313	341	473.3	4	8	4	8	491.0	83	20	18	42
457.0	-	2	2	2	473.8	10	25	15	25	491.1	36	74	45	131
457.1	16	197	181	197	473.9	51	177	126	182	491.2	2178	3552	1375	227
457.2	3	30	27	30	474.0	-	3	3	3	491.8	62	108	51	121
457.8	12	75	63	75	474.1	1	4	3	4	491.9	704	2482	1779	4458
457.9	-	1	1	1	474.2	-	-	-	-	492	15513	32920	17408	34568
458.0	22	155	133	170	474.8	2	5	3	5	493.0	38	50	12	33
458.1	-	6	6	6	474.9	1	11	10	11	493.1	19	34	15	34
458.9	1105	9537	8432	9538	475	31	34	3	34	493.9	4540	9819	5300	9977
459.0	457	4552	4097	5040	476.0	1	3	2	4	494	887	1700	813	1710
459.1	-	7	7	7	476.1	4	5	1	3	495.0	6	9	3	9
459.2	35	977	942	977	477.0	-	1	1	1	495.1	-	-	-	-
459.8	37	149	112	149	477.8	-	-	-	2	495.2	-	1	1	1
459.9	388	723	336	4908	477.9	2	22	20	37	495.3	-	-	-	-
460	6	24	18	29	478.0	-	-	-	-	495.4	-	-	-	-
461.0	-	-	-	-	478.1	2	11	9	11	495.5	-	-	-	-
461.1	-	-	-	-	478.2	62	231	169	233	495.6	-	-	-	-
461.2	1	1	-	1	478.3	31	171	140	171	495.7	-	-	-	-
461.3	-	-	-	-	478.4	-	6	6	6	495.8	-	-	-	-
461.8	1	2	1	2	478.5	1	5	4	5	495.9	8	14	6	14
461.9	8	13	5	13	478.6	19	74	55	74	496	58122	137205	79091	144571
462	17	55	38	55	478.7	65	195	130	203	500	765	2219	1454	2219

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, 1988

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	213	769	556	769	519.3	34	118	84	118	524.1	-	-	-	-
502	135	301	166	303	519.4	16	75	59	75	524.2	-	-	-	-
503	7	14	7	14	519.8	590	1958	1368	2235	524.3	-	-	-	-
504	8	14	6	14	519.9	151	573	424	817	524.4	-	-	-	-
505	91	292	201	304	520.0	-	1	1	1	524.5	-	-	-	-
506.0	17	26	9	26	520.1	-	-	-	-	524.6	-	2	2	2
506.1	2	4	2	4	520.2	-	-	-	-	524.8	-	-	-	-
506.2	-	-	-	-	520.3	-	-	-	-	524.9	-	-	-	-
506.3	2	3	1	3	520.4	-	-	-	-	525.0	-	-	-	-
506.4	2	3	1	3	520.5	-	1	1	1	525.1	-	1	1	1
506.9	-	-	-	-	520.6	-	-	-	-	525.2	-	-	-	-
507.0	7749	33025	25277	33050	520.7	1	2	1	2	525.3	-	-	-	-
507.1	5	10	5	10	520.8	-	-	-	-	525.8	2	12	10	12
507.8	1	1	-	1	520.9	-	-	-	-	525.9	1	14	13	14
508.0	14	334	320	334	521.0	3	21	18	21	526.0	-	1	1	1
508.1	13	116	103	116	521.1	-	-	-	-	526.1	-	-	-	-
508.8	7	41	34	41	521.2	-	-	-	-	526.2	-	-	-	-
508.9	1	1	-	1	521.3	-	-	-	-	526.3	-	3	3	3
510.0	71	375	304	385	521.4	-	-	-	-	526.4	5	25	20	25
510.9	388	1489	1101	1539	521.5	-	-	-	-	526.5	1	1	-	1
511.0	47	291	244	325	521.6	-	-	-	-	526.8	1	3	2	3
511.1	2	3	1	2	521.7	-	-	-	-	526.9	-	8	8	8
511.8	53	475	422	475	521.8	-	-	-	-	527.0	-	-	-	-
511.9	778	10333	9555	10343	521.9	-	-	-	-	527.1	-	-	-	-
512	352	2991	2639	2996	522.0	-	-	-	-	527.2	29	99	70	99
513.0	581	1825	1244	1842	522.1	-	-	-	-	527.3	6	19	13	19
513.1	10	32	22	32	522.2	-	-	-	-	527.4	-	-	-	-
514	935	20672	19737	20690	522.3	-	-	-	-	527.5	-	2	2	2
515	4694	9039	4345	9224	522.4	2	7	5	7	527.6	-	1	1	1
516.0	7	12	5	12	522.5	5	16	11	16	527.7	-	2	2	2
516.2	2	2	-	2	522.6	-	-	-	-	527.8	-	2	2	2
516.3	157	228	71	228	522.7	-	-	-	-	527.9	2	6	4	6
516.8	883	1189	306	1202	522.8	-	-	-	-	528.0	5	26	21	26
516.9	-	-	-	-	522.9	-	-	-	-	528.1	1	1	-	1
518.0	215	1795	1580	1798	523.0	-	3	3	3	528.2	-	2	2	2
518.1	18	50	32	50	523.1	-	10	10	10	528.3	14	35	21	35
518.2	-	-	-	-	523.2	-	-	-	-	528.4	-	-	-	-
518.3	263	689	426	689	523.3	1	6	5	6	528.5	-	-	-	-
518.4	284	6232	5948	6455	523.4	1	13	12	13	528.6	1	3	2	3
518.5	1803	11062	9259	11055	523.5	-	-	-	-	528.7	-	-	-	-
518.8	3525	12121	8604	15205	523.6	-	-	-	-	528.8	-	-	-	-
519.0	22	36	14	36	523.8	1	2	1	2	528.9	14	60	46	60
519.1	270	1617	1347	1750	523.9	-	8	8	8	529.0	1	9	8	9
519.2	39	215	176	215	524.0	-	11	11	11	529.1	-	-	-	-

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
529.2	-	-	-	-	534.0	1	1	-	1	551.9	41	56	15	4
529.3	-	-	-	-	534.1	-	-	-	-	552.0	57	98	41	101
529.4	-	-	-	-	534.2	-	-	-	-	552.1	41	73	32	74
529.5	-	-	-	-	534.3	-	-	-	-	552.2	115	196	81	160
529.6	1	1	-	1	534.4	41	74	33	13	552.3	94	193	100	85
529.8	1	12	11	12	534.5	14	23	9	22	552.8	27	46	20	33
529.9	-	2	2	2	534.6	-	1	1	1	552.9	137	262	125	277
530.0	80	204	124	204	534.7	-	1	1	1	553.0	5	15	10	35
530.1	454	1725	1271	1725	534.9	15	53	38	117	553.1	35	147	112	161
530.2	120	357	237	357	535.0	83	225	149	257	553.2	73	299	227	388
530.3	286	1258	972	1314	535.1	25	172	147	172	553.3	306	1684	1378	1810
530.4	209	418	209	418	535.2	3	7	4	7	553.8	8	26	19	55
530.5	242	453	211	453	535.3	67	63	31	39	553.9	76	210	135	274
530.6	62	127	65	127	535.4	199	567	370	574	555.0	14	33	19	34
530.7	67	158	91	158	535.5	268	1364	1096	1371	555.1	19	50	31	51
530.8	236	1375	1139	1614	535.6	9	70	61	70	555.2	1	2	1	1
530.9	46	95	49	110	536.0	-	2	2	2	555.9	324	820	496	824
531.0	27	56	29	15	536.1	12	24	12	24	556	329	937	608	937
531.1	7	13	6	15	536.2	2	15	13	15	557.0	4779	8072	3293	8678
531.2	1	3	2	1	536.8	52	204	152	216	557.1	311	533	222	533
531.3	5	32	27	76	536.9	42	218	176	218	557.9	1714	3512	1798	3974
531.4	960	1880	920	634	537.0	121	636	515	636	558	1100	3768	2669	3901
531.5	714	1277	563	1393	537.1	-	4	4	4	560.0	24	44	20	45
531.6	81	143	62	14	537.2	-	-	-	-	560.1	294	1459	1165	1483
531.7	2	26	24	47	537.3	5	112	107	112	560.2	570	1008	438	1051
531.9	212	1427	1216	2782	537.4	51	215	164	215	560.3	160	386	226	388
532.0	21	39	19	11	537.5	-	2	2	2	560.8	325	553	229	50
532.1	8	17	9	19	537.6	-	1	1	1	560.9	2899	11437	8539	12598
532.2	4	4	-	2	537.8	75	377	302	573	562.0	28	45	17	45
532.3	2	18	16	47	537.9	127	414	287	438	562.1	2982	6293	3311	6294
532.4	994	1807	813	784	540.0	371	752	381	724	564.0	38	197	159	197
532.5	880	1505	626	1639	540.1	28	77	49	72	564.1	78	285	207	285
532.6	108	163	55	15	540.9	20	59	39	96	564.2	-	24	24	24
532.7	5	29	24	58	541	46	103	57	141	564.3	...	1	1	1
532.9	155	1059	904	2201	542	3	3	-	3	564.4	-	1	1	1
533.0	20	31	16	9	543	5	11	6	12	564.5	-	-	-	-
533.1	5	7	2	5	550.0	19	29	10	2	564.6	-	-	-	-
533.2	-	-	-	-	550.1	152	291	140	283	564.7	72	196	125	200
533.3	2	21	19	51	550.9	49	306	257	349	564.8	23	84	61	84
533.4	1335	2667	1332	689	551.0	12	16	4	4	564.9	5	31	26	33
533.5	533	1004	472	1083	551.1	23	22	-	8	565.0	1	7	6	7
533.6	54	78	24	8	551.2	36	42	9	-	565.1	11	85	74	85
533.7	9	92	83	129	551.3	9	13	5	3	566	124	302	178	302
533.9	291	3475	3184	5661	551.8	12	14	2	-	567.1	1	3	2	3

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, 1988

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-				TOTAL	SECOND-				TOTAL	SECOND-	
MENTION	ARY	MENTION	ARY	MENTION	ARY	MENTION	ARY	MENTION	ARY					
567.2	517	2499	1982	2570	575.2	5	15	10	26	582.8	30	62	32	40
567.8	16	122	106	126	575.3	5	24	19	24	582.9	1032	3368	2344	4090
567.9	881	5661	4780	6005	575.4	86	183	97	183	583.0	7	15	8	15
568.0	140	386	248	909	575.5	11	35	24	42	583.1	31	53	27	60
568.8	79	348	269	348	575.6	-	3	3	3	583.2	14	19	7	21
568.9	6	36	30	36	575.8	28	119	91	119	583.4	16	29	13	29
569.0	2	26	24	26	575.9	389	1047	658	1076	583.6	4	7	4	8
569.1	18	90	72	91	576.0	...	1	1	1	583.7	2	19	17	-
569.2	7	25	18	25	576.1	433	1298	865	1298	583.8	60	134	74	117
569.3	100	607	507	612	576.2	271	1344	1074	1477	583.9	258	660	402	971
569.4	56	283	227	283	576.3	2	6	4	8	584.5	241	1024	793	1052
569.5	44	414	370	414	576.4	8	30	22	30	584.6	2	5	3	4
569.6	...	22	22	22	576.5	1	1	-	1	584.7	3	9	6	7
569.8	1261	4489	3228	4536	576.8	228	1524	1296	1628	584.8	-	1	1	1
569.9	440	1233	796	1642	576.9	31	78	47	99	584.9	3256	20688	17433	20852
570	383	1584	1201	1589	577.0	2237	5216	2979	5259	585	5281	20741	15461	24900
571.0	915	1288	373	16	577.1	211	953	742	953	586	11731	70802	59076	80001
571.1	739	786	214	958	577.2	100	282	182	282	587	62	176	116	229
571.2	7883	9957	2074	5040	577.8	57	378	321	378	588.0	10	26	16	26
571.3	2255	2837	808	3056	577.9	67	174	107	194	588.1	3	11	8	11
571.4	812	1448	636	1452	578.0	27	225	199	259	588.8	30	117	87	118
571.5	12409	21143	8734	26295	578.1	6	86	80	90	588.9	-	2	2	2
571.6	393	579	186	582	578.9	6022	31139	25131	37220	589.0	-	-	-	-
571.8	699	1998	1300	3270	579.0	11	46	35	46	589.1	-	-	-	-
571.9	304	635	332	713	579.1	15	58	43	58	589.9	4	8	4	8
572.0	160	419	259	421	579.2	...	323	323	323	590.0	335	819	484	862
572.1	3	7	4	7	579.3	...	36	36	36	590.1	295	638	343	660
572.2	456	6689	6233	6809	579.4	-	-	-	-	590.2	99	269	170	289
572.3	163	1297	1134	1297	579.8	16	54	38	54	590.3	-	2	2	2
572.4	630	6052	5423	6052	579.9	73	374	303	382	590.8	829	1908	1087	2033
572.8	2582	24805	22223	24805	580.0	-	-	-	-	590.9	52	154	102	172
573.0	33	241	208	241	580.4	-	-	-	-	591	102	646	544	646
573.3	498	1493	998	1536	580.8	3	13	10	8	592.0	293	790	497	790
573.4	24	70	46	70	580.9	105	478	373	483	592.1	30	77	47	76
573.8	161	1461	1300	1461	581.0	-	-	-	-	592.9	19	76	57	78
573.9	781	1828	1053	2669	581.1	-	8	8	1	593.0	-	1	1	1
574.0	147	256	109	19	581.2	-	2	2	-	593.1	-	4	4	4
574.1	287	662	376	55	581.3	6	16	10	5	593.2	6	26	20	26
574.2	631	2401	1771	3235	581.8	3	9	6	2	593.3	2	20	18	20
574.3	24	44	20	2	581.9	193	634	444	826	593.4	77	866	789	867
574.4	25	84	59	3	582.0	-	-	-	-	593.5	1	27	26	27
574.5	258	493	235	615	582.1	2	6	4	6	593.6	-	-	-	-
575.0	650	1332	682	1603	582.2	2	2	-	2	593.7	3	5	2	5
575.1	569	1584	1015	2262	582.4	1	3	2	3	593.8	190	940	750	942

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
593.9	2712	14475	11785	19750	601.8	-	3	3	3	611.9	27	252	225	258
594.0	-	-	-	-	601.9	31	99	68	99	614.0	1	1	-	1
594.1	17	75	58	75	602.0	-	5	5	5	614.1	-	2	2	2
594.2	3	6	3	6	602.1	3	33	30	33	614.2	24	34	10	34
594.8	-	-	-	-	602.2	1	1	-	1	614.3	-	-	-	-
594.9	1	8	7	8	602.8	-	6	6	6	614.4	68	208	140	208
595.0	23	63	40	63	602.9	119	372	253	375	614.5	3	7	4	7
595.1	2	6	4	6	603.0	-	-	-	-	614.6	3	6	3	6
595.2	29	168	139	168	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	-	-	-	603.8	-	-	-	-	614.8	1	1	-	1
595.8	16	81	65	81	603.9	1	15	14	15	614.9	11	24	13	27
595.9	106	601	495	603	604.0	1	5	4	5	615.0	-	-	-	-
596.0	37	212	175	212	604.9	12	29	17	29	615.1	1	4	3	4
596.1	66	350	284	350	605	2	7	5	7	615.9	14	34	20	34
596.2	7	52	45	52	606	-	1	1	1	616.0	-	5	5	5
596.3	2	17	15	17	607.0	-	-	-	-	616.1	9	38	29	39
596.4	15	58	43	58	607.1	-	3	3	3	616.2	-	-	-	-
596.5	6	20	14	20	607.2	8	29	21	29	616.3	-	1	1	1
596.6	18	64	46	64	607.3	-	1	1	1	616.4	7	14	7	14
596.7	2	7	5	7	607.8	1	4	3	4	616.5	1	4	3	4
596.8	23	170	147	170	607.9	3	4	1	5	616.8	-	3	3	3
596.9	7	37	30	38	608.0	-	1	1	1	616.9	1	3	2	3
597.0	5	12	7	12	608.1	-	2	2	2	617.0	-	2	2	2
597.8	5	14	9	14	608.2	-	1	1	1	617.1	-	-	-	-
598.0	-	-	-	-	608.3	-	3	3	3	617.2	-	-	-	-
598.1	-	-	-	-	608.4	38	107	69	107	617.3	-	-	-	-
598.2	-	-	-	-	608.8	20	70	50	70	617.4	-	-	-	-
598.8	-	-	-	-	608.9	1	6	5	10	617.5	-	-	-	-
598.9	43	160	117	160	610.0	-	1	1	1	617.6	-	-	-	-
599.0	11443	31877	20435	32112	610.1	-	3	3	3	617.8	1	1	-	1
599.1	4	29	25	29	610.2	-	-	-	-	617.9	3	6	3	6
599.2	-	-	-	-	610.3	-	-	-	-	618.0	7	25	18	26
599.3	-	-	-	-	610.4	-	-	-	-	618.1	9	47	38	48
599.4	1	2	1	2	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	-	-	-	610.9	-	1	1	1	618.3	-	2	2	2
599.6	254	1325	1071	1325	611.0	5	20	15	20	618.4	-	2	2	1
599.7	38	530	492	530	611.1	-	3	3	3	618.5	-	-	-	-
599.8	7	52	45	52	611.2	-	-	-	-	618.6	-	-	-	-
599.9	31	83	53	98	611.3	1	1	-	1	618.7	-	-	-	-
600	454	2098	1644	2098	611.4	-	-	-	-	618.8	-	-	-	-
601.0	2	5	3	5	611.5	-	-	-	-	618.9	-	-	-	-
601.1	6	31	25	31	611.6	-	-	-	-	619.0	7	46	39	46
601.2	5	15	10	15	611.7	1	17	16	17	619.1	40	223	183	223
601.3	-	3	3	3	611.8	1	4	3	4	619.2	-	-	-	-

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
619.8	-	1	1	1	624.2	-	-	-	-	631	-	-	-	1
619.9	1	34	33	39	624.3	-	-	-	-	632	-	1	1	1
620.0	-	-	-	-	624.4	-	-	-	-	633.0	3	3	-	3
620.1	3	17	14	17	624.5	-	-	-	-	633.1	18	18	-	18
620.2	13	56	43	59	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	-	-	-	624.8	-	2	2	2	633.8	1	1	-	1
620.4	-	-	-	-	624.9	-	1	1	1	633.9	22	24	2	26
620.5	-	-	-	-	625.0	-	-	-	-	634.0	1	2	1	-
620.6	-	-	-	-	625.1	-	-	-	-	634.1	-	-	-	-
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	-
620.8	4	17	13	17	625.3	-	1	1	1	634.3	-	1	1	-
620.9	1	18	17	19	625.4	-	-	-	-	634.4	-	-	-	-
621.0	-	6	6	6	625.5	-	-	-	-	634.5	-	-	-	-
621.1	-	-	-	-	625.6	-	5	5	5	634.6	1	1	-	-
621.2	1	7	6	7	625.8	-	-	-	-	634.7	-	-	-	-
621.3	-	4	4	4	625.9	-	3	3	3	634.8	-	-	-	-
621.4	-	-	-	-	626.0	-	-	-	-	634.9	1	2	1	4
621.5	-	1	1	1	626.1	-	-	-	-	635.0	-	1	1	-
621.6	-	1	1	1	626.2	-	5	5	5	635.1	-	1	1	-
621.7	-	-	-	-	626.3	-	-	-	-	635.2	2	2	-	-
621.8	4	29	25	29	626.4	-	-	-	-	635.3	-	-	-	-
621.9	2	108	106	108	626.5	-	-	-	-	635.4	-	-	-	-
622.0	-	-	-	-	626.6	-	-	-	-	635.5	-	-	-	-
622.1	1	7	6	7	626.7	-	-	-	-	635.6	1	1	-	-
622.2	-	-	-	-	626.8	-	3	3	3	635.7	2	3	1	-
622.3	-	1	1	1	626.9	1	44	43	44	635.8	-	-	-	-
622.4	2	4	2	4	627.0	-	-	-	-	635.9	-	2	2	7
622.5	-	-	-	-	627.1	4	13	9	13	636.0	-	-	-	-
622.6	-	-	-	-	627.2	-	7	7	7	636.1	-	-	-	-
622.7	-	2	2	2	627.3	-	1	1	1	636.2	-	-	-	-
622.8	-	16	16	16	627.4	-	-	-	-	636.3	-	-	-	-
622.9	-	-	-	-	627.8	-	-	-	-	636.4	-	-	-	-
623.0	-	1	1	1	627.9	-	-	-	-	636.5	-	-	-	-
623.1	-	-	-	-	628.0	-	-	-	-	636.6	-	-	-	-
623.2	-	1	1	1	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	-	-	-	636.8	-	-	-	-
623.4	1	1	-	1	628.4	-	-	-	-	636.9	-	-	-	-
623.5	1	1	-	1	628.8	-	-	-	-	637.0	1	1	-	1
623.6	-	-	-	-	628.9	-	-	-	-	637.1	-	2	2	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	1	1	-	-
623.8	7	122	115	122	629.1	-	-	-	-	637.3	-	-	-	-
623.9	-	2	2	2	629.8	2	13	11	13	637.4	-	-	-	-
624.0	-	-	-	-	629.9	4	23	19	25	637.5	2	3	1	1
624.1	-	-	-	-	630	1	1	-	1	637.6	2	2	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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637.7	1	1	-	-	646.8	2	5	3	5	673	47	87	40	89
637.8	-	-	-	-	646.9	-	1	1	1	674	39	63	24	64
637.9	1	1	-	6	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	1	1	-	1
638.2	-	-	-	-	647.3	-	-	-	-	680.1	1	1	-	1
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	-	-	-
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	-	-	-
638.5	-	-	-	-	647.6	1	1	-	1	680.4	-	-	-	-
638.6	-	-	-	-	647.8	3	4	1	4	680.5	-	-	-	-
638.7	-	-	-	-	647.9	-	-	-	-	680.6	-	-	-	-
638.8	-	-	-	-	648.0	-	1	1	1	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	1	2	1	2
639.0	...	-	-	4	648.2	-	2	2	2	680.9	1	6	5	6
639.1	...	-	-	20	648.3	-	-	-	-	681.0	-	4	4	4
639.2	...	-	-	4	648.4	-	1	1	1	681.1	-	15	15	15
639.3	...	-	-	2	648.5	-	-	-	-	681.9	-	-	-	-
639.4	...	-	-	1	648.6	8	10	2	10	682.0	17	67	50	67
639.5	...	-	-	5	648.7	-	-	-	-	682.1	13	59	46	59
639.6	...	-	-	5	648.8	-	-	-	-	682.2	79	397	318	397
639.8	...	-	-	15	648.9	4	7	3	7	682.3	36	156	120	156
639.9	...	-	-	1	650	1	1	-	1	682.4	14	39	25	39
640	-	-	-	-	651	1	1	-	1	682.5	18	72	54	72
641	23	48	26	49	652	-	-	-	-	682.6	191	875	684	875
642.0	1	1	-	2	653	2	2	-	2	682.7	32	215	183	215
642.1	-	-	-	-	654	-	2	2	2	682.8	7	51	44	51
642.2	-	-	-	-	655	-	1	1	1	682.9	211	1145	934	1161
642.3	-	-	-	-	656	1	8	7	8	683	2	8	6	8
642.4	24	32	8	33	657	-	1	1	1	684	6	12	6	12
642.5	4	8	4	8	658	3	9	6	9	685.0	1	4	3	4
642.6	23	26	3	27	659	-	1	1	1	685.1	2	6	4	6
642.7	1	1	-	-	660	-	-	-	-	686.0	4	40	36	40
642.9	6	12	6	15	661	-	1	1	1	686.1	12	58	46	58
643	-	-	-	-	662	-	-	-	-	686.8	1	8	7	8
644	1	2	1	2	663	1	1	-	1	686.9	141	641	500	660
645	-	-	-	-	664	-	2	2	2	690	1	6	5	6
646.0	-	-	-	-	665	3	5	2	5	691.0	-	4	4	4
646.1	1	1	-	2	666	12	24	12	23	691.8	-	9	9	9
646.2	-	1	1	2	667	1	3	2	4	692.0	-	-	-	-
646.3	-	-	-	-	668	3	5	2	6	692.1	-	-	-	-
646.4	-	-	-	-	669	22	90	68	90	692.2	-	-	-	-
646.5	-	-	-	-	670	9	21	12	21	692.3	-	-	-	-
646.6	4	5	1	5	671	15	17	2	17	692.4	-	-	-	-
646.7	3	5	2	5	672	-	-	-	-	692.5	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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692.6	-	-	-	-	701.1	-	7	7	7	709.8	1	16	15	16
692.7	1	1	-	1	701.2	-	2	2	2	709.9	8	56	48	56
692.8	1	8	7	8	701.3	-	2	2	2	710.0	1112	2007	895	2007
692.9	13	143	130	156	701.4	-	1	1	1	710.1	852	1346	494	1346
693.0	4	6	2	6	701.5	-	-	-	-	710.2	35	131	96	131
693.1	6	12	6	12	701.8	1	5	4	5	710.3	84	194	110	194
693.8	-	-	-	-	701.9	-	-	-	-	710.4	187	435	248	435
693.9	-	-	-	-	702	-	3	3	3	710.8	14	24	10	24
694.0	2	11	9	11	703.0	-	-	-	-	710.9	121	246	125	260
694.1	-	-	-	-	703.8	-	3	3	3	711.0	107	236	129	236
694.2	-	-	-	-	703.9	-	1	1	1	711.9	8	19	11	19
694.3	-	-	-	-	704.0	1	2	1	2	712.8	-	-	-	-
694.4	45	203	158	203	704.1	-	1	1	1	712.9	-	-	-	-
694.5	67	294	227	294	704.2	-	-	-	-	714.0	1401	8537	7136	8537
694.6	-	5	5	5	704.3	-	-	-	-	714.1	32	130	98	130
694.8	-	-	-	-	704.8	-	3	3	3	714.2	10	25	15	25
694.9	2	3	1	3	704.9	-	-	-	-	714.3	4	16	12	16
695.0	-	3	3	3	705.0	1	1	-	1	714.4	-	-	-	-
695.1	119	241	122	241	705.1	1	3	2	3	714.8	86	266	180	266
695.2	-	4	4	4	705.8	3	10	7	10	714.9	1	25	24	25
695.3	-	3	3	3	705.9	2	2	-	2	715.0	5	233	228	233
695.4	67	350	283	350	706.0	-	-	-	-	715.1	-	-	-	-
695.8	15	94	79	94	706.1	1	1	-	1	715.2	-	-	-	-
695.9	8	101	94	102	706.2	-	5	5	5	715.3	49	263	214	263
696.0	2	41	39	41	706.3	-	1	1	1	715.8	2	19	17	19
696.1	13	244	231	244	706.8	-	-	-	-	715.9	384	9859	9475	9863
696.2	-	-	-	-	706.9	-	1	1	1	716.0	-	2	2	2
696.3	-	2	2	2	707.0	2484	12040	9556	13719	716.1	-	8	8	8
696.4	1	2	1	2	707.1	88	613	525	905	716.2	-	-	-	-
696.5	-	-	-	-	707.8	31	161	130	192	716.3	-	-	-	-
696.8	-	-	-	-	707.9	49	520	471	635	716.4	-	-	-	-
697.0	-	3	3	3	708.0	-	-	-	-	716.5	6	38	32	39
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	-	-	-
697.8	-	-	-	-	708.2	-	-	-	-	716.8	1	9	8	9
697.9	-	-	-	-	708.3	-	-	-	-	716.9	204	3883	3680	4112
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	1	1	1
698.1	-	1	1	1	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	-	-	-	708.8	-	1	1	1	717.2	-	-	-	-
698.3	-	14	14	14	708.9	-	6	6	6	717.3	-	-	-	-
698.4	-	1	1	1	709.0	-	7	7	7	717.4	-	-	-	-
698.8	-	1	1	1	709.1	-	-	-	-	717.5	-	-	-	-
698.9	-	3	3	3	709.2	-	37	37	38	717.6	-	-	-	-
700	-	-	-	-	709.3	1	3	2	3	717.7	-	-	-	-
701.0	-	2	2	2	709.4	-	-	-	-	717.8	1	1	-	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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717.9	-	4	4	4	722.9	8	36	28	36	728.3	7	36	29	36
718.0	1	2	1	2	723.0	8	50	42	50	728.4	-	1	1	1
718.1	-	1	1	1	723.1	-	5	5	5	728.5	-	1	1	1
718.2	3	10	7	10	723.2	-	1	1	1	728.6	-	1	1	1
718.3	1	11	10	11	723.3	-	-	-	-	728.7	-	-	-	-
718.4	6	126	120	126	723.4	2	11	9	11	728.8	132	399	267	399
718.5	2	27	25	27	723.5	-	9	9	9	728.9	29	168	139	169
718.6	-	3	3	3	723.6	-	-	-	-	729.0	2	18	16	18
718.8	1	7	6	7	723.7	-	1	1	1	729.1	15	99	84	99
718.9	5	20	15	21	723.8	-	2	2	2	729.2	2	63	61	74
719.0	-	3	3	3	723.9	-	1	1	1	729.3	11	43	32	43
719.1	-	2	2	2	724.0	24	384	360	384	729.4	179	419	240	419
719.2	-	-	-	-	724.1	-	1	1	1	729.5	2	32	30	32
719.3	-	-	-	-	724.2	2	33	31	33	729.6	-	-	-	-
719.4	2	21	19	21	724.3	-	12	12	12	729.8	8	25	17	25
719.5	-	2	2	2	724.4	-	9	9	9	729.9	1	5	4	5
719.6	-	-	-	-	724.5	12	99	87	99	730.0	6	23	17	23
719.7	-	2	2	2	724.6	1	12	11	12	730.1	36	190	154	190
719.8	-	2	2	2	724.7	-	-	-	-	730.2	402	1209	807	1218
719.9	23	754	731	769	724.8	-	5	5	5	730.3	-	1	1	1
720.0	49	266	217	266	724.9	3	28	25	29	730.9	6	15	9	18
720.1	-	-	-	-	725	28	528	500	528	731.0	80	652	572	667
720.2	-	-	-	-	726.0	1	5	4	5	731.2	-	3	3	3
720.8	-	-	-	-	726.1	-	4	4	4	732.0	-	-	-	-
720.9	-	12	12	12	726.2	-	-	-	-	732.1	1	11	10	11
721.0	12	78	66	91	726.3	2	13	11	13	732.2	-	-	-	-
721.1	46	128	82	116	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	-	-	-	726.5	-	3	3	3	732.4	-	-	-	-
721.3	2	19	17	19	726.6	1	4	3	4	732.5	-	-	-	-
721.4	2	12	10	12	726.7	-	1	1	1	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	-	-	-	726.9	-	15	15	15	732.8	-	-	-	-
721.7	1	5	4	5	727.0	-	3	3	3	732.9	-	3	3	3
721.8	-	1	1	1	727.1	-	3	3	3	733.0	472	5388	4916	5390
721.9	14	289	275	294	727.2	-	-	-	-	733.1	100	2447	2347	2447
722.0	2	6	4	8	727.3	3	15	12	15	733.2	1	7	6	7
722.1	3	20	17	20	727.4	2	10	8	10	733.3	-	-	-	-
722.2	6	36	30	37	727.5	-	-	-	-	733.4	7	37	30	37
722.3	-	-	-	-	727.6	1	2	1	2	733.5	-	-	-	-
722.4	2	19	17	20	727.8	-	7	7	7	733.6	-	-	-	-
722.5	5	46	41	46	727.9	-	2	2	2	733.7	-	-	-	-
722.6	1	72	71	72	728.0	4	5	1	5	733.8	11	65	54	65
722.7	2	7	5	3	728.1	-	3	3	3	733.9	47	276	230	311
722.8	-	-	-	-	728.2	13	56	43	62	734	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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735.0	-	-	-	-	740.0	540	561	21	561	746.4	54	97	43	97
735.1	-	1	1	1	740.1	2	3	1	3	746.5	13	24	11	24
735.2	-	-	-	-	740.2	3	3	-	3	746.6	7	19	12	19
735.3	-	-	-	-	741.0	101	152	51	66	746.7	612	659	47	659
735.4	-	-	-	-	741.9	66	166	100	273	746.8	422	709	287	719
735.5	-	-	-	-	742.0	67	98	31	98	746.9	1684	2201	517	2948
735.8	-	1	1	1	742.1	110	230	120	230	747.0	105	426	321	426
735.9	-	1	1	1	742.2	139	201	62	201	747.1	136	267	131	267
736.0	-	7	7	7	742.3	290	475	185	560	747.2	29	54	25	62
736.1	-	-	-	-	742.4	57	99	42	99	747.3	169	296	127	327
736.2	-	1	1	1	742.5	142	288	150	303	747.4	95	129	34	129
736.3	-	4	4	4	742.8	19	32	13	32	747.5	-	11	11	11
736.4	-	-	-	-	742.9	182	243	61	293	747.6	152	269	117	277
736.5	-	-	-	-	743.0	1	6	5	6	747.8	408	477	69	491
736.6	-	4	4	4	743.1	-	7	7	7	747.9	155	221	66	234
736.7	-	10	10	10	743.2	-	2	2	2	748.0	3	15	12	15
736.8	1	287	286	287	743.3	-	3	3	3	748.1	2	7	5	7
736.9	-	10	10	10	743.4	-	3	3	3	748.2	1	2	1	2
737.0	1	3	2	3	743.5	-	-	-	-	748.3	92	140	48	140
737.1	68	372	304	373	743.6	-	1	1	1	748.4	8	12	4	12
737.2	1	4	3	4	743.8	1	4	3	4	748.5	962	1701	739	1701
737.3	213	709	496	909	743.9	1	4	3	4	748.6	88	153	65	159
737.8	-	-	-	-	744.0	-	1	1	1	748.8	6	8	2	8
737.9	-	4	4	6	744.1	-	-	-	-	748.9	12	16	4	16
738.0	-	-	-	-	744.2	-	6	6	6	749.0	5	55	50	84
738.1	-	2	2	2	744.3	1	3	2	3	749.1	2	7	5	36
738.2	-	5	5	5	744.4	-	3	3	3	749.2	4	42	38	13
738.3	8	45	37	45	744.5	1	1	-	1	750.0	-	1	1	1
738.4	-	-	-	-	744.8	2	3	1	3	750.1	-	7	7	7
738.5	-	18	18	18	744.9	2	15	13	16	750.2	2	3	1	3
738.6	-	1	1	1	745.0	119	148	29	148	750.3	30	106	76	106
738.7	-	-	-	-	745.1	275	349	74	349	750.4	24	61	37	61
738.8	-	13	13	13	745.2	255	331	76	332	750.5	2	3	1	3
738.9	2	7	5	7	745.3	63	95	32	95	750.6	2	6	4	6
739.0	-	-	-	-	745.4	439	860	421	867	750.7	1	5	4	5
739.1	-	-	-	-	745.5	205	474	269	474	750.8	1	2	1	2
739.2	-	-	-	-	745.6	170	297	127	297	750.9	6	17	11	18
739.3	-	-	-	-	745.7	1	2	1	2	751.0	16	37	21	37
739.4	-	-	-	-	745.8	-	6	6	6	751.1	17	64	47	64
739.5	-	-	-	-	745.9	13	35	22	36	751.2	5	67	62	67
739.6	-	-	-	-	746.0	43	77	34	88	751.3	16	40	24	40
739.7	-	-	-	-	746.1	42	61	19	61	751.4	20	35	15	35
739.8	-	-	-	-	746.2	64	74	10	74	751.5	32	68	36	73
739.9	-	-	-	-	746.3	89	117	28	117	751.6	84	165	81	165

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, 1988

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	5	13	8	13	756.3	8	26	18	26	760.8	46	98	52	98
751.8	3	11	8	11	756.4	23	52	29	52	760.9	2	7	5	7
751.9	7	17	10	18	756.5	71	144	73	144	761.0	207	233	26	233
752.0	-	-	-	-	756.6	421	528	107	528	761.1	435	636	201	636
752.1	-	-	-	-	756.7	50	87	37	87	761.2	15	204	189	204
752.2	-	1	1	1	756.8	27	59	32	59	761.3	29	65	36	65
752.3	-	2	2	2	756.9	6	27	21	31	761.4	2	3	1	3
752.4	1	8	7	8	757.0	1	3	2	3	761.5	679	1859	1180	1859
752.5	1	10	9	10	757.1	5	13	8	13	761.6	1	3	2	3
752.6	-	5	5	5	757.2	-	3	3	3	761.7	2	6	4	6
752.7	1	12	11	13	757.3	31	71	40	72	761.8	42	53	11	53
752.8	1	15	14	15	757.4	-	1	1	1	761.9	-	-	-	-
752.9	2	14	12	16	757.5	-	1	1	1	762.0	42	51	9	51
753.0	423	554	131	554	757.6	-	1	1	1	762.1	465	593	128	603
753.1	378	937	559	939	757.8	-	-	-	-	762.2	27	39	12	39
753.2	7	45	38	45	757.9	-	1	1	1	762.3	10	36	26	36
753.3	12	48	36	48	758.0	380	1201	821	1204	762.4	41	59	18	59
753.4	-	7	7	7	758.1	273	310	37	310	762.5	24	38	14	39
753.5	-	6	6	6	758.2	415	504	89	504	762.6	13	16	3	17
753.6	2	21	19	21	758.3	8	12	4	12	762.7	284	454	170	454
753.7	-	2	2	2	758.4	1	1	-	1	762.8	2	6	4	6
753.8	2	24	22	24	758.5	55	70	15	70	762.9	1	3	2	3
753.9	32	115	83	136	758.6	9	53	44	54	763.0	9	39	30	39
754.0	-	1	1	1	758.7	1	9	8	9	763.1	5	7	2	7
754.1	-	1	1	1	758.8	6	9	3	9	763.2	-	-	-	-
754.2	2	16	14	16	758.9	86	144	58	173	763.3	-	-	-	-
754.3	1	13	12	13	759.0	22	60	38	61	763.4	1	7	6	7
754.4	-	1	1	1	759.1	6	10	4	10	763.5	-	-	-	-
754.5	1	5	4	5	759.2	4	10	6	10	763.6	21	25	4	25
754.6	-	-	-	-	759.3	4	34	30	34	763.7	-	1	1	1
754.7	1	23	22	23	759.4	30	32	2	32	763.8	22	42	20	42
754.8	3	22	19	22	759.5	19	32	13	32	763.9	2	3	1	5
755.0	2	11	9	11	759.6	15	31	16	31	764.0	13	35	22	35
755.1	-	4	4	4	759.7	460	576	116	1173	764.1	1	2	1	2
755.2	1	9	8	9	759.8	245	450	206	451	764.2	1	2	1	2
755.3	-	12	12	12	759.9	89	174	85	317	764.9	23	89	66	91
755.4	1	3	2	4	760.0	39	59	20	59	765.0	2267	9942	7675	9981
755.5	1	18	17	18	760.1	5	15	10	15	765.1	1011	7128	6117	8667
755.6	4	30	26	30	760.2	9	19	10	19	766.0	-	-	-	-
755.8	10	41	31	41	760.3	2	3	1	3	766.1	-	4	4	4
755.9	1	11	10	12	760.4	-	-	-	-	766.2	-	14	14	14
756.0	36	69	33	80	760.5	16	27	11	27	767.0	193	603	410	604
756.1	52	145	93	145	760.6	-	-	-	-	767.1	-	8	8	8
756.2	-	-	-	-	760.7	31	78	47	78	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, 1988

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	-	6	6	6	773.2	16	70	54	126	778.5	2	10	8	10
767.4	-	-	-	-	773.3	6	8	2	4	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	-	-	-	773.5	-	-	-	-	778.8	1	2	1	2
767.7	1	3	2	3	774.1	-	-	-	-	778.9	1	1	-	1
767.8	19	38	19	39	774.2	-	20	20	2	779.0	9	131	122	133
767.9	13	31	18	37	774.3	-	-	-	-	779.1	1	3	2	3
768.2	-	3	3	3	774.4	6	14	8	14	779.2	5	19	14	19
768.3	-	1	1	1	774.5	-	-	-	-	779.3	1	3	2	3
768.4	201	477	276	540	774.6	4	18	14	39	779.4	-	2	2	2
768.5	71	149	78	167	774.7	2	5	3	5	779.5	1	2	1	2
768.6	-	3	3	3	775.0	8	30	22	30	779.6	41	50	9	50
768.9	529	1325	796	1661	775.1	-	1	1	1	779.8	2454	8815	6361	8815
769	3195	3736	541	3736	775.2	-	-	-	-	779.9	14	14	-	37
770.0	37	73	36	73	775.3	-	2	2	2	780.0	10	5742	5732	6564
770.1	178	327	149	328	775.4	1	7	6	7	780.1	-	13	13	13
770.2	435	1518	1083	1518	775.5	2	9	7	9	780.2	12	1450	1438	1450
770.3	80	323	243	323	775.6	-	14	14	14	780.3	653	16606	15953	16606
770.4	558	712	154	712	775.7	2	14	12	14	780.4	-	88	88	88
770.5	70	117	47	117	775.8	-	-	-	-	780.5	-	10	10	10
770.6	1	1	-	1	775.9	-	-	-	-	780.6	48	1843	1795	1845
770.7	708	1117	409	1117	776.0	3	8	5	8	780.7	1	863	862	864
770.8	1611	4699	3088	4700	776.1	-	2	2	2	780.8	-	1	1	1
770.9	2	2	-	4	776.2	45	205	160	205	780.9	5	434	429	434
771.0	6	13	7	13	776.3	1	5	4	5	781.0	-	79	79	79
771.1	27	43	16	43	776.4	-	1	1	1	781.1	-	1	1	1
771.2	31	41	10	41	776.5	8	16	8	14	781.2	-	24	24	24
771.3	-	-	-	-	776.6	10	59	49	1	781.3	-	128	128	128
771.4	14	19	5	19	776.7	-	6	6	6	781.4	-	3	3	3
771.5	-	1	1	1	776.8	-	-	-	-	781.5	-	1	1	1
771.6	-	-	-	-	776.9	3	3	-	3	781.6	-	2	2	2
771.7	19	23	4	23	777.1	-	1	1	1	781.7	-	4	4	4
771.8	802	1701	899	1702	777.2	-	-	-	-	781.9	21	373	352	373
772.0	8	14	6	16	777.3	-	-	-	-	782.0	-	18	18	18
772.1	265	850	585	850	777.4	-	-	-	-	782.1	-	20	20	20
772.2	8	42	34	42	777.5	376	465	89	465	782.2	-	4	4	4
772.3	2	3	1	3	777.6	25	106	81	106	782.3	5	1601	1596	1682
772.4	4	19	15	19	777.8	1	1	-	1	782.4	3	1167	1164	1167
772.5	1	6	5	6	777.9	-	-	-	-	782.5	-	31	31	31
772.6	-	8	8	8	778.0	176	347	171	351	782.6	-	1	1	1
772.8	9	22	13	22	778.1	-	4	4	4	782.7	-	26	26	26
772.9	27	80	53	87	778.2	-	1	1	1	782.8	-	-	-	-
773.0	10	13	3	13	778.3	7	34	27	34	782.9	-	-	-	-
773.1	4	7	3	7	778.4	2	2	-	2	783.0	9	1330	1321	1330

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
783.1	-	1	1	1	788.0	-	10	10	10	793.2	-	10	10	10
783.2	2	463	461	463	788.1	1	5	4	5	793.3	-	-	-	-
783.3	-	53	53	53	788.2	-	478	478	478	793.4	-	1	1	1
783.4	15	617	602	619	788.3	-	244	244	244	793.5	-	1	1	1
783.5	-	15	15	15	788.4	-	5	5	5	793.6	-	-	-	-
783.6	1	42	41	42	788.5	3	482	479	482	793.7	-	-	-	-
783.9	1	166	165	166	788.6	-	1	1	1	793.8	-	-	-	-
784.0	-	49	49	49	788.7	-	1	1	1	793.9	-	1	1	1
784.1	-	1	1	1	788.8	-	4	4	4	794.0	-	3	3	3
784.2	5	82	77	82	788.9	-	6	6	6	794.1	-	1	1	1
784.3	-	1595	1595	1596	789.0	31	1135	1104	1135	794.2	-	-	-	-
784.4	-	17	17	17	789.1	3	412	409	412	794.3	-	5	5	5
784.5	-	145	145	145	789.2	1	259	258	261	794.4	-	2	2	2
784.6	-	19	19	19	789.3	2	366	364	366	794.5	-	-	-	-
784.7	3	180	177	180	789.4	1	2	1	2	794.6	-	-	-	-
784.8	-	25	25	25	789.5	15	6000	5985	6000	794.7	-	3	3	3
784.9	-	21	21	21	789.9	12	400	388	400	794.8	-	28	28	28
785.0	3	570	567	570	790.0	-	4	4	4	794.9	-	-	-	-
785.1	-	8	8	8	790.1	-	2	2	2	795.0	1	1	-	1
785.2	-	44	44	44	790.2	-	30	30	30	795.1	-	1	1	1
785.3	-	3	3	3	790.3	20	1790	1770	1839	795.2	-	-	-	-
785.4	74	6399	6325	10274	790.4	-	4	4	4	795.3	-	3	3	3
785.5	1032	75176	74144	75183	790.5	-	1	1	1	795.4	-	-	-	-
785.6	3	152	149	153	790.6	-	717	717	876	795.5	-	3	3	3
785.9	-	28	28	28	790.7	8	1171	1163	1211	795.6	-	-	-	-
786.0	91	10644	10553	10646	790.8	9	104	95	104	795.7	1	3	2	3
786.1	-	10	10	10	790.9	-	10	10	10	795.8	-	596	596	596
786.2	-	34	34	34	791.0	-	19	19	19	796.0	-	1	1	1
786.3	64	3729	3665	3729	791.1	-	9	9	9	796.1	-	1	1	1
786.4	-	2	2	2	791.2	-	2	2	2	796.2	-	-	-	-
786.5	7	227	220	227	791.3	-	27	27	27	796.3	-	1	1	1
786.6	-	22	22	22	791.4	-	1	1	1	796.4	-	5	5	5
786.7	-	3	3	3	791.5	-	1	1	1	796.9	-	1	1	1
786.8	-	6	6	6	791.6	-	-	-	-	797	1414	18301	16888	18838
786.9	1	74	73	74	791.7	-	-	-	-	798.0	5476	5965	489	5965
787.0	3	922	919	924	791.9	5	3938	3933	3938	798.1	400	456	56	456
787.1	-	1	1	1	792.0	-	-	-	-	798.2	1	1	-	1
787.2	3	2659	2656	2659	792.1	-	2	2	2	798.9	50	61	11	61
787.3	-	96	96	96	792.2	-	-	-	-	799.0	61	10142	10081	10176
787.4	-	1	1	1	792.3	-	-	-	-	799.1	3417	238311	234894	238311
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	18	18	18
787.6	1	21	20	21	792.9	-	-	-	-	799.3	37	6559	6522	6777
787.7	-	1	1	1	793.0	-	-	-	-	799.4	38	9569	9531	9632
787.9	-	41	41	41	793.1	-	35	35	35	799.8	194	7495	7301	7495

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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799.9	17674	32411	14740	32411	E807.1	-	-	-	-	E813.9	11	11	-	11
E800.0	7	7	-	7	E807.2	-	-	-	-	E814.0	2	2	-	2
E800.1	1	1	-	1	E807.3	-	-	-	-	E814.1	-	-	-	-
E800.2	-	-	-	-	E807.8	-	-	-	-	E814.2	-	-	-	-
E800.3	-	-	-	-	E807.9	9	9	-	9	E814.3	2	2	-	2
E800.8	-	-	-	-	E810.0	297	298	1	298	E814.4	-	-	-	-
E800.9	-	-	-	-	E810.1	139	139	-	139	E814.5	3	3	-	3
E801.0	1	1	-	1	E810.2	4	4	-	4	E814.6	1	1	-	1
E801.1	-	-	-	-	E810.3	-	-	-	-	E814.7	7179	7232	53	7232
E801.2	-	-	-	-	E810.4	-	-	-	-	E814.8	-	-	-	-
E801.3	2	2	-	2	E810.5	-	-	-	-	E814.9	6	7	1	7
E801.8	1	1	-	1	E810.6	-	-	-	-	E815.0	3714	3788	74	3788
E801.9	1	1	-	1	E810.7	2	2	-	2	E815.1	1437	1447	10	1447
E802.0	1	1	-	1	E810.8	1	1	-	1	E815.2	524	525	1	525
E802.1	-	-	-	-	E810.9	195	198	3	198	E815.3	48	48	-	48
E802.2	-	-	-	-	E811.0	18	18	-	18	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	8	8	-	8	E815.5	2	2	-	2
E802.8	-	-	-	-	E811.2	-	-	-	-	E815.6	-	-	-	-
E802.9	1	1	-	1	E811.3	-	-	-	-	E815.7	1	1	-	1
E803.0	-	1	1	1	E811.4	-	-	-	-	E815.8	1	1	-	1
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	973	985	12	985
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	4431	4483	52	4483
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1824	1834	10	1834
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	481	482	1	482
E803.9	-	-	-	-	E811.9	1	1	-	1	E816.3	53	53	-	53
E804.0	1	1	-	1	E812.0	9032	9159	127	9159	E816.4	-	-	-	-
E804.1	1	1	-	1	E812.1	4671	4735	64	4735	E816.5	-	-	-	-
E804.2	-	-	-	-	E812.2	1389	1392	3	1392	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	175	176	1	176	E816.7	4	4	-	4
E804.8	5	5	-	5	E812.4	-	-	-	-	E816.8	4	4	-	4
E804.9	18	18	-	18	E812.5	-	-	-	-	E816.9	1301	1332	31	1332
E805.0	9	9	-	9	E812.6	2	2	-	2	E817.0	1	1	-	1
E805.1	1	1	-	1	E812.7	10	11	1	11	E817.1	2	2	-	2
E805.2	470	474	4	474	E812.8	8	8	-	8	E817.2	-	-	-	-
E805.3	1	1	-	1	E812.9	3019	3066	47	3066	E817.3	1	1	-	1
E805.8	1	1	-	1	E813.0	4	4	-	4	E817.4	2	2	-	2
E805.9	31	32	1	32	E813.1	1	1	-	1	E817.5	-	-	-	-
E806.0	1	1	-	1	E813.2	2	2	-	2	E817.6	-	-	-	-
E806.1	-	-	-	-	E813.3	-	-	-	-	E817.7	-	-	-	-
E806.2	1	1	-	1	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	2	2	-	2	E817.9	8	8	-	8
E806.8	3	3	-	3	E813.6	852	855	3	855	E818.0	161	161	-	161
E806.9	1	1	-	1	E813.7	2	2	-	2	E818.1	361	363	2	363
E807.0	3	3	-	3	E813.8	10	10	-	10	E818.2	28	28	-	28

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, 1988

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	11	11	-	11	E822.7	395	397	2	397	E827.4	-	-	-	
E818.4	-	-	-	-	E822.8	2	2	-	2	E827.8	-	-	-	
E818.5	-	-	-	-	E822.9	17	18	1	18	E827.9	2	2	2	
E818.6	4	4	-	4	E823.0	27	32	5	32	E828.0	-	-	-	
E818.7	16	16	-	16	E823.1	10	10	-	10	E828.1	-	-	-	
E818.8	13	14	1	14	E823.2	8	8	-	8	E828.2	90	93	3	
E818.9	422	423	1	423	E823.3	-	-	-	-	E828.3	-	-	-	
E819.0	883	913	30	913	E823.4	-	-	-	-	E828.4	-	-	-	
E819.1	631	646	15	646	E823.5	-	-	-	-	E828.8	-	-	-	
E819.2	104	106	2	106	E823.6	-	-	-	-	E828.9	4	4	4	
E819.3	15	15	-	15	E823.7	5	5	-	5	E829.0	-	-	-	
E819.4	-	-	-	-	E823.8	1	1	-	1	E829.1	-	-	-	
E819.5	-	-	-	-	E823.9	15	16	1	16	E829.2	-	-	-	
E819.6	-	-	-	-	E824.0	1	1	-	1	E829.3	-	-	-	
E819.7	5	5	-	5	E824.1	2	3	1	3	E829.4	1	1	1	
E819.8	-	-	-	-	E824.2	-	-	-	-	E829.8	1	1	1	
E819.9	3510	3766	256	3766	E824.3	-	-	-	-	E829.9	2	2	2	
E820.0	21	21	-	21	E824.4	-	-	-	-	E830.0	64	64	64	
E820.1	2	2	-	2	E824.5	-	-	-	-	E830.1	54	54	54	
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	4	4	4	
E820.3	1	1	-	1	E824.7	-	1	1	1	E830.3	8	8	8	
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	
E820.5	-	-	-	-	E824.9	3	5	2	5	E830.5	-	-	-	
E820.6	-	-	-	-	E825.0	43	45	2	45	E830.6	-	-	-	
E820.7	-	-	-	-	E825.1	39	39	-	39	E830.8	4	4	4	
E820.8	4	4	-	4	E825.2	14	14	-	14	E830.9	233	233	233	
E820.9	52	53	1	53	E825.3	-	-	-	-	E831.0	4	4	4	
E821.0	62	64	2	64	E825.4	-	-	-	-	E831.1	18	18	18	
E821.1	13	13	-	13	E825.5	-	-	-	-	E831.2	2	2	2	
E821.2	16	16	-	16	E825.6	-	-	-	-	E831.3	5	5	5	
E821.3	-	-	-	-	E825.7	26	26	-	26	E831.4	3	3	3	
E821.4	-	-	-	-	E825.8	4	4	-	4	E831.5	-	-	-	
E821.5	-	-	-	-	E825.9	116	120	4	120	E831.6	-	-	-	
E821.6	-	-	-	-	E826.0	6	6	-	6	E831.8	-	-	-	
E821.7	9	9	-	9	E826.1	78	81	3	81	E831.9	40	41	1	
E821.8	13	13	-	13	E826.2	-	-	-	-	E832.0	43	43	43	
E821.9	101	101	-	101	E826.3	-	-	-	-	E832.1	44	44	44	
E822.0	15	17	2	17	E826.4	-	-	-	-	E832.2	16	16	16	
E822.1	3	3	-	3	E826.8	-	-	-	-	E832.3	2	2	2	
E822.2	5	5	-	5	E826.9	4	5	1	5	E832.4	-	-	-	
E822.3	-	-	-	-	E827.0	1	1	-	1	E832.5	-	-	-	
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	1	1	1	
E822.5	-	-	-	-	E827.2	1	1	-	1	E832.8	5	5	5	
E822.6	9	9	-	9	E827.3	1	1	-	1	E832.9	289	294	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, 1988

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
E833.0	2	3	1	3	E837.9	9	9	-	9	E843.4	-	-	-	-
E833.1	-	-	-	-	E838.0	7	7	-	7	E843.5	-	-	-	-
E833.2	-	-	-	-	E838.1	11	11	-	11	E843.6	1	1	-	1
E833.3	-	-	-	-	E838.2	8	8	-	8	E843.7	-	-	-	-
E833.4	-	-	-	-	E838.3	2	2	-	2	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	8	8	-	8	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	7	7	-	7	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	1	1	-	1	E844.1	2	2	-	2
E833.9	1	1	-	1	E838.8	3	3	-	3	E844.2	-	-	-	-
E834.0	-	-	-	-	E838.9	55	55	-	55	E844.3	1	1	-	1
E834.1	1	1	-	1	E840.0	-	-	-	-	E844.4	-	-	-	-
E834.2	3	3	-	3	E840.1	1	1	-	1	E844.5	1	1	-	1
E834.3	-	-	-	-	E840.2	17	17	-	17	E844.6	-	-	-	-
E834.4	-	-	-	-	E840.3	32	32	-	32	E844.7	21	21	-	21
E834.5	-	-	-	-	E840.4	-	-	-	-	E844.8	5	5	-	5
E834.6	2	2	-	2	E840.5	27	27	-	27	E844.9	3	3	-	3
E834.8	1	1	-	1	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	2	2	-	2	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	-	-	-	-	E840.9	1	1	-	1	E845.3	-	-	-	-
E835.2	3	3	-	3	E841.0	1	1	-	1	E845.4	-	-	-	-
E835.3	-	-	-	-	E841.1	90	90	-	90	E845.5	-	-	-	-
E835.4	-	-	-	-	E841.2	67	67	-	67	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	411	411	-	411	E845.7	-	-	-	-
E835.6	1	1	-	1	E841.4	9	9	-	9	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	252	253	1	253	E845.9	-	-	-	-
E835.9	4	4	-	4	E841.6	-	-	-	-	E846	5	5	-	5
E836.0	-	-	-	-	E841.7	2	2	-	2	E847	-	-	-	-
E836.1	-	-	-	-	E841.8	-	-	-	-	E848	19	27	8	27
E836.2	1	1	-	1	E841.9	36	36	-	36	E850.0	798	880	82	880
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	80	100	20	100
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	37	46	9	46
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	-	-	-	-
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	4	4	-	4
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	96	102	6	102
E836.9	-	-	-	-	E842.5	-	-	-	-	E850.8	172	332	161	332
E837.0	-	-	-	-	E842.6	28	28	-	28	E850.9	3	3	-	3
E837.1	2	2	-	2	E842.7	-	-	-	-	E851	29	34	5	34
E837.2	6	6	-	6	E842.8	-	-	-	-	E852.0	1	1	-	1
E837.3	-	-	-	-	E842.9	3	3	-	3	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	2	2	-	2
E837.5	-	-	-	-	E843.1	1	2	1	2	E852.3	-	-	-	-
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	-	-	-	-
E837.8	-	-	-	-	E843.3	-	-	-	-	E852.5	16	16	-	16

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS			UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS
E852.8	4	5	1	5	E861.5	-	-	-	-	E868.1	19	20	1	20	
E852.9	7	11	4	11	E861.6	1	3	2	3	E868.2	372	376	4	376	
E853.0	33	38	5	38	E861.9	-	-	-	-	E868.3	96	96	-	96	
E853.1	5	6	1	6	E862.0	-	-	-	-	E868.8	20	20	-	20	
E853.2	36	46	10	46	E862.1	22	25	3	25	E868.9	147	158	11	158	
E853.8	6	9	3	9	E862.2	-	-	-	-	E869.0	3	3	-	3	
E853.9	3	3	-	3	E862.3	-	-	-	-	E869.1	1	1	-	1	
E854.0	147	171	24	171	E862.4	36	43	7	43	E869.2	22	23	1	23	
E854.1	3	7	4	7	E862.9	-	-	-	-	E869.3	-	-	-	-	
E854.2	78	99	21	99	E863.0	-	-	-	-	E869.8	115	136	21	136	
E854.3	1	2	1	2	E863.1	2	2	-	2	E869.9	10	14	4	14	
E855.0	31	56	25	56	E863.2	1	1	-	1	E870.0	107	121	14	121	
E855.1	31	33	2	33	E863.3	-	-	-	-	E870.1	-	1	1	1	
E855.2	1087	1313	226	1313	E863.4	2	3	1	3	E870.2	3	4	1	4	
E855.3	1	2	1	2	E863.5	2	5	3	5	E870.3	-	1	1	1	
E855.4	5	7	2	7	E863.6	1	2	1	2	E870.4	18	23	5	23	
E855.5	1	2	1	2	E863.7	2	2	-	2	E870.5	28	29	1	29	
E855.6	-	-	-	-	E863.8	-	-	-	-	E870.6	36	37	1	37	
E855.8	23	26	3	26	E863.9	4	4	-	4	E870.7	6	8	2	8	
E855.9	2	4	2	4	E864.0	-	-	-	-	E870.8	46	58	12	58	
E856	60	82	22	82	E864.1	4	4	-	4	E870.9	2	4	2	4	
E857	2	2	-	2	E864.2	3	3	-	3	E871.0	1	3	2	3	
E858.0	28	36	8	36	E864.3	2	3	1	3	E871.1	-	-	-	-	
E858.1	30	49	19	49	E864.4	3	3	-	3	E871.2	-	-	-	-	
E858.2	31	43	12	43	E865.0	-	-	-	-	E871.3	-	-	-	-	
E858.3	260	751	491	751	E865.1	-	-	-	-	E871.4	-	-	-	-	
E858.4	4	7	3	7	E865.2	1	1	-	1	E871.5	-	-	-	-	
E858.5	98	242	144	242	E865.3	-	-	-	-	E871.6	-	1	1	1	
E858.6	20	37	17	37	E865.4	2	2	-	2	E871.7	-	-	-	-	
E858.7	8	13	5	13	E865.5	-	-	-	-	E871.8	2	2	-	2	
E858.8	811	914	103	914	E865.8	-	-	-	-	E871.9	-	-	-	-	
E858.9	771	963	192	963	E865.9	-	-	-	-	E872.0	-	-	-	-	
E860.0	2	5	3	5	E866.0	10	16	6	16	E872.1	-	-	-	-	
E860.1	181	470	289	470	E866.1	1	1	-	1	E872.2	-	-	-	-	
E860.2	10	13	3	13	E866.2	-	-	-	-	E872.3	-	-	-	-	
E860.3	20	23	3	23	E866.3	1	1	-	1	E872.4	-	-	-	-	
E860.4	-	-	-	-	E866.4	23	52	29	52	E872.5	-	-	-	-	
E860.8	-	-	-	-	E866.5	-	-	-	-	E872.6	-	-	-	-	
E860.9	121	274	153	274	E866.6	3	3	-	3	E872.8	-	-	-	-	
E861.0	-	-	-	-	E866.7	1	2	1	2	E872.9	-	-	-	-	
E861.1	-	-	-	-	E866.8	7	13	6	13	E873.0	-	-	-	-	
E861.2	2	2	-	2	E866.9	7	11	4	11	E873.1	-	-	-	-	
E861.3	2	3	1	3	E867	36	37	1	37	E873.2	3	7	4	7	
E861.4	9	9	-	9	E868.0	32	32	-	32	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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E873.4	-	-	-	-	E879.9	6	72	66	72	E900.0	210	269	59	269
E873.5	-	-	-	-	E880.0	2	2	-	2	E900.1	15	20	5	20
E873.6	-	-	-	-	E880.9	1091	1216	125	1216	E900.9	229	362	133	362
E873.8	-	-	-	-	E881.0	276	305	29	305	E901.0	431	491	60	491
E873.9	-	-	-	-	E881.1	88	89	1	89	E901.1	1	1	-	1
E874.0	6	6	-	6	E882	672	699	27	699	E901.8	13	13	-	13
E874.1	2	3	1	3	E883.0	39	39	-	39	E901.9	401	667	266	667
E874.2	-	-	-	-	E883.1	1	1	-	1	E902.0	1	1	-	1
E874.3	-	-	-	-	E883.2	4	5	1	5	E902.1	-	-	-	-
E874.4	-	-	-	-	E883.9	55	59	4	59	E902.2	5	5	-	5
E874.5	-	-	-	-	E884.0	7	8	1	8	E902.8	2	2	-	2
E874.8	4	5	1	5	E884.1	96	97	1	97	E902.9	6	10	4	10
E874.9	-	-	-	-	E884.2	454	736	282	736	E903	-	-	-	-
E875.0	6	193	187	193	E884.9	532	570	38	570	E904.0	8	19	11	19
E875.1	-	-	-	-	E885	426	679	253	679	E904.1	83	159	76	159
E875.2	-	-	-	-	E886.0	5	5	-	5	E904.2	-	1	1	1
E875.8	-	-	-	-	E886.9	2	4	2	4	E904.3	104	147	43	147
E875.9	1	1	-	1	E887	2900	12197	9297	12197	E904.9	4	8	4	8
E876.0	2	3	1	3	E888	5446	8267	2821	8267	E905.0	-	-	-	-
E876.1	-	-	-	-	E890.0	3	3	-	3	E905.1	4	8	4	8
E876.2	1	2	1	2	E890.1	2	2	-	2	E905.2	-	-	-	-
E876.3	3	3	-	3	E890.2	3123	3150	27	3150	E905.3	34	40	6	40
E876.4	1	1	-	1	E890.3	839	860	21	860	E905.4	-	-	-	-
E876.5	-	-	-	-	E890.8	80	82	2	82	E905.5	7	9	2	9
E876.8	47	59	12	59	E890.9	41	53	12	53	E905.6	2	2	-	2
E876.9	4	5	1	5	E891.0	6	6	-	6	E905.7	-	-	-	-
E878.0	22	735	713	735	E891.1	-	-	-	-	E905.8	-	-	-	-
E878.1	228	3058	2830	3058	E891.2	64	66	2	66	E905.9	1	1	-	1
E878.2	173	5121	4948	5121	E891.3	36	37	1	37	E906.0	16	20	4	20
E878.3	161	868	707	868	E891.8	6	6	-	6	E906.1	-	-	-	-
E878.4	110	1728	1618	1728	E891.9	6	6	-	6	E906.2	-	-	-	-
E878.5	308	1033	725	1033	E892	74	76	2	76	E906.3	1	2	1	2
E878.6	174	4569	4395	4569	E893.0	76	84	8	84	E906.4	7	11	4	11
E878.8	227	2383	2156	2383	E893.1	7	7	-	7	E906.8	60	65	5	65
E878.9	658	6341	5683	6341	E893.2	24	24	-	24	E906.9	5	5	-	5
E879.0	13	95	82	95	E893.8	60	63	3	63	E907	82	83	1	83
E879.1	18	204	186	204	E893.9	38	42	4	42	E908	59	60	1	60
E879.2	3	1449	1446	1449	E894	75	79	4	79	E909	7	7	-	7
E879.3	1	5	4	5	E895	30	35	5	35	E910.0	7	8	1	8
E879.4	6	29	23	29	E896	2	2	-	2	E910.1	44	44	-	44
E879.5	1	3	2	3	E897	22	23	1	23	E910.2	839	847	8	847
E879.6	126	389	263	389	E898.0	22	23	1	23	E910.3	52	52	-	52
E879.7	-	-	-	-	E898.1	84	94	10	94	E910.4	364	415	51	415
E879.8	294	1500	1206	1500	E899	245	339	94	339	E910.8	2179	2234	55	2234

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, 1988

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	714	737	23	737	E923.0	4	4	-	4	E930.8	-	10	10	10
E911	1575	4066	2491	4066	E923.1	4	4	-	4	E930.9	-	68	68	68
E912	2230	13996	11766	13996	E923.2	67	70	3	70	E931.0	-	9	9	9
E913.0	172	174	2	174	E923.8	60	61	1	61	E931.1	-	1	1	1
E913.1	51	52	1	52	E923.9	58	60	2	60	E931.2	-	-	-	-
E913.2	28	28	-	28	E924.0	98	119	21	119	E931.3	-	-	-	-
E913.3	106	107	1	107	E924.1	6	9	3	9	E931.4	-	3	3	3
E913.8	460	470	10	470	E924.8	18	24	6	24	E931.5	-	3	3	3
E913.9	139	154	15	154	E924.9	-	2	2	2	E931.6	-	-	-	-
E914	1	1	-	1	E925.0	122	124	2	124	E931.7	-	2	2	2
E915	42	64	22	64	E925.1	165	166	1	166	E931.8	-	7	7	7
E916	835	843	8	843	E925.2	75	75	-	75	E931.9	-	5	5	5
E917.0	48	49	1	49	E925.8	190	193	3	193	E932.0	1	401	400	401
E917.1	-	-	-	-	E925.9	162	172	10	172	E932.1	-	28	28	28
E917.2	3	4	1	4	E926.0	-	-	-	-	E932.2	-	3	3	3
E917.9	188	200	12	200	E926.1	-	-	-	-	E932.3	6	66	60	66
E918	133	135	2	135	E926.2	-	-	-	-	E932.4	-	3	3	3
E919.0	599	612	13	612	E926.3	-	-	-	-	E932.5	-	1	1	1
E919.1	45	45	-	45	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	180	180	-	180	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	14	14	-	14	E926.8	-	-	-	-	E932.8	-	-	-	-
E919.4	18	19	1	19	E926.9	-	1	1	1	E932.9	-	5	5	5
E919.5	3	3	-	3	E927	32	56	24	56	E933.0	4	7	3	7
E919.6	21	21	-	21	E928.0	1	1	-	1	E933.1	1	1613	1612	1613
E919.7	115	117	2	117	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	124	126	2	126	E928.2	-	-	-	-	E933.3	-	-	-	-
E919.9	57	58	1	58	E928.8	24	31	7	31	E933.4	-	4	4	4
E920.0	3	3	-	3	E928.9	2217	3791	1574	3791	E933.5	-	-	-	-
E920.1	11	12	1	12	E929.0	250	346	96	346	E933.8	-	1	1	1
E920.2	1	1	-	1	E929.1	15	20	5	20	E933.9	-	-	-	-
E920.3	10	10	-	10	E929.2	24	40	16	40	E934.0	-	2	2	2
E920.4	1	1	-	1	E929.3	181	827	646	827	E934.1	-	2	2	2
E920.8	56	65	9	65	E929.4	4	15	11	15	E934.2	3	338	335	338
E920.9	37	46	9	46	E929.5	12	21	9	21	E934.3	-	-	-	-
E921.0	3	3	-	3	E929.8	67	118	51	118	E934.4	-	25	25	25
E921.1	7	7	-	7	E929.9	210	538	328	538	E934.5	2	18	16	18
E921.8	36	36	-	36	E930.0	10	35	25	35	E934.6	-	2	2	2
E921.9	4	4	-	4	E930.1	-	8	8	8	E934.7	-	2	2	2
E922.0	202	205	3	205	E930.2	-	-	-	-	E934.8	1	3	2	3
E922.1	185	187	2	187	E930.3	-	-	-	-	E934.9	-	1	1	1
E922.2	93	94	1	94	E930.4	1	3	2	3	E935.0	2	11	9	11
E922.3	3	3	-	3	E930.5	1	3	2	3	E935.1	1	28	27	28
E922.8	5	5	-	5	E930.6	1	10	9	10	E935.2	-	8	8	8
E922.9	1013	1045	32	1045	E930.7	-	122	122	122	E935.3	-	-	-	-

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E935.4	1	19	18	19	E941.3	-	1	1	1	E946.6	1	1	-	1
E935.5	-	2	2	2	E941.9	-	-	-	-	E946.7	-	-	-	-
E935.8	1	6	5	6	E942.0	4	59	55	59	E946.8	-	1	1	1
E935.9	1	10	9	10	E942.1	2	37	35	37	E946.9	-	-	-	-
E936.0	-	-	-	-	E942.2	-	-	-	-	E947.0	-	1	1	1
E936.1	1	30	29	30	E942.3	-	-	-	-	E947.1	1	1	-	1
E936.2	-	-	-	-	E942.4	-	-	-	-	E947.2	-	-	-	-
E936.3	-	5	5	5	E942.5	-	1	1	1	E947.3	-	-	-	-
E936.4	-	-	-	-	E942.6	-	12	12	12	E947.4	-	-	-	-
E937.0	-	1	1	1	E942.7	-	1	1	1	E947.8	27	148	121	148
E937.1	-	-	-	-	E942.8	-	-	-	-	E947.9	80	365	285	365
E937.2	-	-	-	-	E942.9	-	-	-	-	E948.0	-	-	-	-
E937.3	-	-	-	-	E943.0	-	2	2	2	E948.1	-	-	-	-
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-
E937.5	-	1	1	1	E943.2	-	-	-	-	E948.3	-	-	-	-
E937.6	-	-	-	-	E943.3	-	1	1	1	E948.4	-	-	-	-
E937.8	-	-	-	-	E943.4	-	-	-	-	E948.5	1	1	-	1
E937.9	1	1	-	1	E943.5	-	-	-	-	E948.6	-	-	-	-
E938.0	1	1	-	1	E943.6	-	-	-	-	E948.8	-	-	-	-
E938.1	-	2	2	2	E943.8	-	-	-	-	E948.9	-	1	1	1
E938.2	-	1	1	1	E943.9	-	-	-	-	E949.0	-	-	-	-
E938.3	-	1	1	1	E944.0	-	-	-	-	E949.1	-	-	-	-
E938.4	1	10	9	10	E944.1	1	10	9	10	E949.2	-	-	-	-
E938.5	2	14	12	14	E944.2	1	1	-	1	E949.3	-	-	-	-
E938.6	-	1	1	1	E944.3	-	3	3	3	E949.4	-	-	-	-
E938.7	1	6	5	6	E944.4	-	18	18	18	E949.5	-	-	-	-
E938.9	4	73	69	73	E944.5	-	-	-	-	E949.6	-	-	-	-
E939.0	-	7	7	7	E944.6	-	-	-	-	E949.7	-	-	-	-
E939.1	3	21	18	21	E944.7	-	7	7	7	E949.9	-	2	2	2
E939.2	1	14	13	14	E945.0	-	-	-	-	E950.0	351	357	6	357
E939.3	2	5	3	5	E945.1	-	-	-	-	E950.1	139	150	11	150
E939.4	2	4	2	4	E945.2	1	2	1	2	E950.2	44	45	1	45
E939.5	-	1	1	1	E945.3	-	-	-	-	E950.3	1016	1039	23	1039
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	710	741	31	741
E939.7	-	-	-	-	E945.5	-	1	1	1	E950.5	650	677	27	677
E939.8	1	8	7	8	E945.6	-	-	-	-	E950.6	39	39	-	39
E939.9	-	1	1	1	E945.7	-	2	2	2	E950.7	34	36	2	36
E940.0	-	-	-	-	E945.8	-	4	4	4	E950.8	3	3	-	3
E940.1	1	1	-	1	E946.0	2	35	33	35	E950.9	147	273	126	273
E940.8	-	1	1	1	E946.1	-	1	1	1	E951.0	15	18	3	18
E940.9	1	2	1	2	E946.2	-	1	1	1	E951.1	12	13	1	13
E941.0	-	1	1	1	E946.3	-	-	-	-	E951.8	2	2	-	2
E941.1	-	1	1	1	E946.4	-	-	-	-	E952.0	2247	2254	7	2254
E941.2	-	1	1	1	E946.5	-	-	-	-	E952.1	393	397	4	397

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, 1988

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	20	23	3	23	E965.5	-	-	-	-	E983.1	8	8	-	8
E952.9	3	3	-	3	E965.6	1	1	-	1	E983.8	12	13	1	13
E953.0	4005	4020	15	4020	E965.7	-	-	-	-	E983.9	15	15	-	15
E953.1	280	286	6	286	E965.8	14	15	1	15	E984	281	287	6	287
E953.8	40	41	1	41	E965.9	6	6	-	6	E985.0	58	58	-	58
E953.9	50	52	2	52	E966	3939	4169	230	4169	E985.1	38	38	-	38
E954	401	418	17	418	E967.0	10	10	-	10	E985.2	13	13	-	13
E955.0	3197	3216	19	3216	E967.1	7	7	-	7	E985.3	-	-	-	-
E955.1	2341	2355	14	2355	E967.9	215	224	9	224	E985.4	333	336	3	336
E955.2	1100	1111	11	1111	E968.0	277	306	29	306	E985.5	1	1	-	1
E955.3	2	2	-	2	E968.1	25	25	-	25	E986	25	28	3	28
E955.4	11529	11591	62	11591	E968.2	409	438	29	438	E987.0	25	25	-	25
E955.5	8	8	-	8	E968.3	14	14	-	14	E987.1	21	23	2	23
E955.9	4	4	-	4	E968.4	16	29	13	29	E987.2	9	9	-	9
E956	461	511	50	511	E968.8	941	1113	172	1113	E987.9	14	14	-	14
E957.0	250	253	3	253	E968.9	1046	1218	172	1218	E988.0	17	17	-	17
E957.1	276	284	8	284	E969	74	89	15	89	E988.1	124	129	5	129
E957.2	19	19	-	19	E970	232	233	1	233	E988.2	4	4	-	4
E957.9	80	82	2	82	E971	-	-	-	-	E988.3	19	19	-	19
E958.0	208	209	1	209	E972	-	1	1	1	E988.4	6	6	-	6
E958.1	155	163	8	163	E973	-	1	1	1	E988.5	10	12	2	12
E958.2	-	-	-	-	E974	-	2	2	2	E988.6	1	1	-	1
E958.3	3	6	3	6	E975	5	7	2	7	E988.7	1	2	1	2
E958.4	20	20	-	20	E976	-	1	1	1	E988.8	176	209	33	209
E958.5	50	52	2	52	E977	-	1	1	1	E988.9	318	347	29	347
E958.6	3	3	-	3	E978	11	11	-	11	E989	19	31	12	31
E958.7	-	-	-	-	E980.0	438	463	25	463	E990.0	-	-	-	-
E958.8	42	46	4	46	E980.1	17	19	2	19	E990.9	-	-	-	-
E958.9	50	62	12	62	E980.2	7	7	-	7	E991.0	-	-	-	-
E959	8	12	4	12	E980.3	153	164	11	164	E991.1	-	-	-	-
E960.0	90	115	25	115	E980.4	409	445	36	445	E991.2	-	-	-	-
E960.1	1	22	21	22	E980.5	204	214	10	214	E991.3	-	-	-	-
E961	1	1	-	1	E980.6	3	4	1	4	E991.9	-	2	2	2
E962.0	28	34	6	34	E980.7	4	4	-	4	E992	-	-	-	-
E962.1	3	5	2	5	E980.8	3	3	-	3	E993	-	-	-	-
E962.2	16	18	2	18	E980.9	47	103	56	103	E994	-	-	-	-
E962.9	2	2	-	2	E981.0	1	1	-	1	E995	-	-	-	-
E963	928	1051	123	1051	E981.1	-	-	-	-	E996	1	1	-	1
E964	76	89	13	89	E981.8	-	-	-	-	E997.0	-	-	-	-
E965.0	1055	1058	4	1058	E982.0	101	102	1	102	E997.1	-	-	-	-
E965.1	1136	1142	6	1142	E982.1	36	37	1	37	E997.2	-	1	1	1
E965.2	241	242	1	242	E982.8	10	11	1	11	E997.8	-	-	-	-
E965.3	-	-	-	-	E982.9	-	-	-	-	E997.9	1	1	-	1
E965.4	11213	11277	64	11277	E983.0	37	37	-	37	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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E999	13	27	14	27	N844	...	10	10	10	N896	...	11	11	11
N800	...	189	189	189	N845	...	5	5	5	N897	...	116	116	116
N801	...	1513	1513	1513	N846	...	7	7	7	N900	...	379	379	379
N802	...	549	549	549	N847	...	29	29	29	N901	...	3029	3029	3029
N803	...	6118	6118	6118	N848	...	11	11	11	N902	...	543	543	543
N805	...	4789	4789	4789	N850	...	378	378	378	N903	...	98	98	98
N806	...	15	15	15	N851	...	4301	4301	4301	N904	...	673	673	673
N807	...	3236	3236	3236	N852	...	5492	5492	5492	N905.0	...	27	27	27
N808	...	1576	1576	1576	N853	...	2779	2779	2779	N905.1	...	125	125	125
N809	...	16	16	16	N854	...	27798	27798	27798	N905.2	...	33	33	33
N810	...	178	178	178	N860	...	2108	2108	2108	N905.3	...	495	495	495
N811	...	22	22	22	N861	...	5340	5340	5340	N905.4	...	63	63	63
N812	...	994	994	994	N862	...	9741	9741	9741	N905.5	...	32	32	32
N813	...	152	152	152	N863	...	779	779	779	N905.6	...	8	8	8
N814	...	148	148	148	N864	...	2208	2208	2208	N905.7	...	1	1	1
N815	...	10	10	10	N865	...	1329	1329	1329	N905.8	...	1	1	1
N816	...	10	10	10	N866	...	399	399	399	N905.9	...	2	2	2
N817	...	-	-	-	N867	...	208	208	208	N906.0	...	96	96	96
N818	...	255	255	255	N868	...	3744	3744	3744	N906.1	...	9	9	9
N819	...	59	59	59	N869	...	5393	5393	5393	N906.2	...	1	1	1
N820	...	12760	12760	12760	N870	...	16	16	16	N906.3	...	9	9	9
N821	...	2225	2225	2225	N871	...	58	58	58	N906.4	...	3	3	3
N822	...	107	107	107	N872	...	43	43	43	N906.5	...	-	-	-
N823	...	447	447	447	N873	...	19662	19662	19662	N906.6	...	-	-	-
N824	...	231	231	231	N874	...	2388	2388	2388	N906.7	...	3	3	3
N825	...	32	32	32	N875	...	9728	9728	9728	N906.8	...	3	3	3
N826	...	3	3	3	N876	...	1233	1233	1233	N906.9	...	7	7	7
N827	...	472	472	472	N877	...	75	75	75	N907.0	...	795	795	795
N828	...	319	319	319	N878	...	21	21	21	N907.1	...	3	3	3
N829	...	1927	1927	1927	N879	...	14037	14037	14037	N907.2	...	259	259	259
N830	...	4	4	4	N880	...	293	293	293	N907.3	...	3	3	3
N831	...	31	31	31	N881	...	274	274	274	N907.4	...	1	1	1
N832	...	4	4	4	N882	...	123	123	123	N907.5	...	1	1	1
N833	...	9	9	9	N883	...	13	13	13	N907.9	...	14	14	14
N834	...	1	1	1	N884	...	651	651	651	N908.0	...	25	25	25
N835	...	61	61	61	N885	...	2	2	2	N908.1	...	12	12	12
N836	...	10	10	10	N886	...	15	15	15	N908.2	...	4	4	4
N837	...	5	5	5	N887	...	50	50	50	N908.3	...	9	9	9
N838	...	1	1	1	N890	...	227	227	227	N908.4	...	3	3	3
N839	...	456	456	456	N891	...	255	255	255	N908.5	...	15	15	15
N840	...	1	1	1	N892	...	23	23	23	N908.6	...	30	30	30
N841	...	-	-	-	N893	...	2	2	2	N908.9	...	179	179	179
N842	...	-	-	-	N894	...	29	29	29	N909.0	...	21	21	21
N843	...	3	3	3	N895	...	-	-	-	N909.1	...	27	27	27

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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N909.2	...	7	7	7	N941.3	...	30	30	30	N950	...	2	2	2
N909.3	...	887	887	887	N941.4	...	4	4	4	N951	...	6	6	6
N909.4	...	52	52	52	N942.0	...	362	362	362	N952	...	1977	1977	1977
N909.9	...	2	2	2	N942.1	...	1	1	1	N953	...	7	7	7
N910	...	60	60	60	N942.2	...	23	23	23	N954	...	10	10	10
N911	...	41	41	41	N942.3	...	75	75	75	N955	...	-	-	-
N912	...	8	8	8	N942.4	...	17	17	17	N956	...	1	1	1
N913	...	17	17	17	N943.0	...	41	41	41	N957	...	82	82	82
N914	...	4	4	4	N943.1	...	-	-	-	N958.0	...	52	52	52
N915	...	-	-	-	N943.2	...	12	12	12	N958.1	...	134	134	134
N916	...	15	15	15	N943.3	...	26	26	26	N958.2	...	-	-	-
N917	...	1	1	1	N943.4	...	6	6	6	N958.3	...	43	43	43
N918	...	7	7	7	N944.0	...	15	15	15	N958.4	...	2226	2226	2226
N919	...	199	199	199	N944.1	...	-	-	-	N958.5	...	7	7	7
N920	...	275	275	275	N944.2	...	5	5	5	N958.6	...	-	-	-
N921	...	30	30	30	N944.3	...	7	7	7	N958.7	...	97	97	97
N922	...	211	211	211	N944.4	...	-	-	-	N958.8	...	3428	3428	3428
N923	...	40	40	40	N945.0	...	58	58	58	N959.0	...	2660	2660	2660
N924	...	519	519	519	N945.1	...	-	-	-	N959.1	...	2878	2878	2878
N925	...	95	95	95	N945.2	...	14	14	14	N959.2	...	133	133	133
N926	...	62	62	62	N945.3	...	41	41	41	N959.3	...	89	89	89
N927	...	12	12	12	N945.4	...	7	7	7	N959.4	...	18	18	18
N928	...	36	36	36	N947.0	...	4	4	4	N959.5	...	3	3	3
N929	...	565	565	565	N947.1	...	35	35	35	N959.6	...	115	115	115
N930	...	1	1	1	N947.2	...	4	4	4	N959.7	...	306	306	306
N931	...	-	-	-	N947.3	...	2	2	2	N959.8	...	17059	17059	17059
N932	...	2	2	2	N947.4	...	-	-	-	N959.9	...	8080	8080	8080
N933	...	13713	13713	13713	N947.8	...	4	4	4	N960.0	...	3	3	3
N934	...	811	811	811	N947.9	...	11	11	11	N960.1	...	1	1	1
N935	...	38	38	38	N948.0	...	24	24	24	N960.2	...	-	-	-
N936	...	12	12	12	N948.1	...	43	43	43	N960.3	...	-	-	-
N937	...	4	4	4	N948.2	...	75	75	75	N960.4	...	-	-	-
N938	...	30	30	30	N948.3	...	75	75	75	N960.5	...	-	-	-
N939	...	3	3	3	N948.4	...	88	88	88	N960.6	...	8	8	8
N940.0	...	-	-	-	N948.5	...	77	77	77	N960.7	...	54	54	54
N940.1	...	-	-	-	N948.6	...	77	77	77	N960.8	...	12	12	12
N940.2	...	-	-	-	N948.7	...	92	92	92	N960.9	...	10	10	10
N940.3	...	-	-	-	N948.8	...	105	105	105	N961.0	...	-	-	-
N940.4	...	-	-	-	N948.9	...	762	762	762	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	2334	2334	2334	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	7	7	7	N961.3	...	-	-	-
N941.0	...	39	39	39	N949.2	...	43	43	43	N961.4	...	17	17	17
N941.1	...	-	-	-	N949.3	...	215	215	215	N961.5	...	-	-	-
N941.2	...	12	12	12	N949.4	...	25	25	25	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, 1988

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N961.7	...	-	-	-	N967.0	...	357	357	357	N972.7	...	1	1	1
N961.8	...	2	2	2	N967.1	...	19	19	19	N972.8	...	-	-	-
N961.9	...	-	-	-	N967.2	...	-	-	-	N972.9	...	10	10	10
N962.0	...	9	9	9	N967.3	...	-	-	-	N973.0	...	6	6	6
N962.1	...	-	-	-	N967.4	...	2	2	2	N973.1	...	1	1	1
N962.2	...	1	1	1	N967.5	...	31	31	31	N973.2	...	1	1	1
N962.3	...	76	76	76	N967.6	...	4	4	4	N973.3	...	1	1	1
N962.4	...	-	-	-	N967.8	...	29	29	29	N973.4	...	3	3	3
N962.5	...	1	1	1	N967.9	...	39	39	39	N973.5	...	1	1	1
N962.6	...	-	-	-	N968.0	...	35	35	35	N973.6	...	-	-	-
N962.7	...	-	-	-	N968.1	...	6	6	6	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	31	31	31	N973.9	...	-	-	-
N962.9	...	-	-	-	N968.3	...	16	16	16	N974.0	...	1	1	1
N963.0	...	126	126	126	N968.4	...	1	1	1	N974.1	...	275	275	275
N963.1	...	33	33	33	N968.5	...	2290	2290	2290	N974.2	...	-	-	-
N963.2	...	1	1	1	N968.6	...	-	-	-	N974.3	...	6	6	6
N963.3	...	1	1	1	N968.7	...	1	1	1	N974.4	...	1	1	1
N963.4	...	-	-	-	N968.9	...	87	87	87	N974.5	...	2	2	2
N963.5	...	3	3	3	N969.0	...	1506	1506	1506	N974.6	...	12	12	12
N963.8	...	-	-	-	N969.1	...	151	151	151	N974.7	...	9	9	9
N963.9	...	1	1	1	N969.2	...	22	22	22	N975.0	...	-	-	-
N964.0	...	8	8	8	N969.3	...	13	13	13	N975.1	...	-	-	-
N964.1	...	-	-	-	N969.4	...	523	523	523	N975.2	...	7	7	7
N964.2	...	41	41	41	N969.5	...	69	69	69	N975.3	...	-	-	-
N964.3	...	4	4	4	N969.6	...	44	44	44	N975.4	...	8	8	8
N964.4	...	1	1	1	N969.7	...	224	224	224	N975.5	...	1	1	1
N964.5	...	-	-	-	N969.8	...	4	4	4	N975.6	...	8	8	8
N964.6	...	-	-	-	N969.9	...	12	12	12	N975.7	...	21	21	21
N964.7	...	-	-	-	N970.0	...	2	2	2	N975.8	...	13	13	13
N964.8	...	-	-	-	N970.1	...	-	-	-	N976.0	...	16	16	16
N964.9	...	-	-	-	N970.8	...	1	1	1	N976.1	...	-	-	-
N965.0	...	2050	2050	2050	N970.9	...	-	-	-	N976.2	...	4	4	4
N965.1	...	279	279	279	N971.0	...	2	2	2	N976.3	...	1	1	1
N965.4	...	241	241	241	N971.1	...	18	18	18	N976.4	...	1	1	1
N965.5	...	3	3	3	N971.2	...	10	10	10	N976.5	...	-	-	-
N965.6	...	9	9	9	N971.3	...	2	2	2	N976.6	...	1	1	1
N965.7	...	467	467	467	N971.9	...	-	-	-	N976.7	...	2	2	2
N965.8	...	668	668	668	N972.0	...	137	137	137	N976.8	...	-	-	-
N965.9	...	7	7	7	N972.1	...	745	745	745	N976.9	...	-	-	-
N966.0	...	-	-	-	N972.2	...	1	1	1	N977.0	...	13	13	13
N966.1	...	70	70	70	N972.3	...	-	-	-	N977.1	...	1	1	1
N966.2	...	-	-	-	N972.4	...	4	4	4	N977.2	...	1	1	1
N966.3	...	23	23	23	N972.5	...	-	-	-	N977.3	...	-	-	-
N966.4	...	12	12	12	N972.6	...	6	6	6	N977.4	...	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1988

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	...	201	201	201	N985.3	...	-	-	-	N992.2	...	-	-	-
N977.9	...	4574	4574	4574	N985.4	...	1	1	1	N992.3	...	-	-	-
N978.0	...	-	-	-	N985.5	...	-	-	-	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	1	1	1	N992.5	...	111	111	111
N978.2	...	-	-	-	N985.8	...	71	71	71	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	3	3	3	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	5267	5267	5267	N992.8	...	60	60	60
N978.5	...	-	-	-	N987.0	...	35	35	35	N992.9	...	168	168	168
N978.6	...	-	-	-	N987.1	...	49	49	49	N993.0	...	-	-	-
N978.8	...	1	1	1	N987.2	...	6	6	6	N993.1	...	-	-	-
N978.9	...	-	-	-	N987.3	...	1	1	1	N993.2	...	20	20	20
N979.0	...	-	-	-	N987.4	...	31	31	31	N993.3	...	5	5	5
N979.1	...	-	-	-	N987.5	...	3	3	3	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	2	2	2	N993.8	...	2	2	2
N979.3	...	1	1	1	N987.7	...	-	-	-	N993.9	...	-	-	-
N979.4	...	-	-	-	N987.8	...	3591	3591	3591	N994.0	...	45	45	45
N979.5	...	-	-	-	N987.9	...	540	540	540	N994.1	...	6584	6584	6584
N979.6	...	-	-	-	N988.0	...	1	1	1	N994.2	...	173	173	173
N979.7	...	-	-	-	N988.1	...	-	-	-	N994.3	...	5	5	5
N979.9	...	12	12	12	N988.2	...	2	2	2	N994.4	...	3	3	3
N980.0	...	605	605	605	N988.8	...	1	1	1	N994.5	...	49	49	49
N980.1	...	30	30	30	N988.9	...	-	-	-	N994.6	...	-	-	-
N980.2	...	38	38	38	N989.0	...	76	76	76	N994.7	...	7102	7102	7102
N980.3	...	-	-	-	N989.1	...	9	9	9	N994.8	...	800	800	800
N980.8	...	-	-	-	N989.2	...	7	7	7	N994.9	...	332	332	332
N980.9	...	470	470	470	N989.3	...	15	15	15	N995.0	...	141	141	141
N981	...	22	22	22	N989.4	...	44	44	44	N995.1	...	18	18	18
N982.0	...	17	17	17	N989.5	...	64	64	64	N995.2	...	255	255	255
N982.1	...	-	-	-	N989.6	...	1	1	1	N995.3	...	55	55	55
N982.2	...	-	-	-	N989.7	...	1	1	1	N995.4	...	1	1	1
N982.3	...	17	17	17	N989.8	...	54	54	54	N995.5	...	159	159	159
N982.4	...	-	-	-	N989.9	...	93	93	93	N995.8	...	11	11	11
N982.8	...	46	46	46	N990	...	37	37	37	N996.0	...	311	311	311
N983.0	...	12	12	12	N991.0	...	-	-	-	N996.1	...	52	52	52
N983.1	...	20	20	20	N991.1	...	1	1	1	N996.2	...	29	29	29
N983.2	...	18	18	18	N991.2	...	3	3	3	N996.3	...	15	15	15
N983.9	...	27	27	27	N991.3	...	12	12	12	N996.4	...	31	31	31
N984.0	...	-	-	-	N991.4	...	1	1	1	N996.5	...	155	155	155
N984.1	...	-	-	-	N991.5	...	-	-	-	N996.6	...	1447	1447	1447
N984.8	...	-	-	-	N991.6	...	1209	1209	1209	N996.7	...	6247	6247	6247
N984.9	...	18	18	18	N991.8	...	1	1	1	N996.8	...	523	523	523
N985.0	...	2	2	2	N991.9	...	446	446	446	N996.9	...	1	1	1
N985.1	...	7	7	7	N992.0	...	379	379	379	N997.0	...	701	701	701
N985.2	...	-	-	-	N992.1	...	2	2	2	N997.1	...	4546	4546	4546

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, 1988

(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.....	25	1	1	3	1	1	1	3	1	2	7	4	-
007-009.....	548	118	11	4	8	11	11	17	39	81	108	140	-
010-018.....	4,235	5	5	3	44	241	414	388	635	951	1,048	498	3
010-012.....	3,363	-	3	1	19	163	320	305	503	763	858	426	2
013-018.....	912	5	3	2	27	79	98	88	137	200	193	79	1
033.....	5	5	-	-	-	-	-	-	-	-	-	-	-
034-035.....	34	1	1	2	-	1	-	1	5	8	7	8	-
036.....	305	78	74	19	25	22	19	22	13	11	15	7	-
038.....	102,147	644	298	262	598	1,690	3,175	4,908	11,548	23,120	31,154	24,736	14
045.....	2	1	-	-	-	-	-	-	-	-	1	-	-
055.....	8	1	1	-	-	3	1	-	2	-	-	-	-
070.....	1,922	9	8	4	44	178	256	237	373	424	304	85	-
090-097.....	311	28	-	-	2	14	20	14	24	59	95	55	-
REM. 001 - 139 <u>1</u> /.	31,497	432	271	247	891	7,355	7,967	3,748	2,929	3,216	2,826	1,610	5
140-208.....	551,852	98	582	1,165	2,010	5,571	16,365	40,716	104,708	168,296	148,180	64,129	32
140-149.....	9,956	1	-	6	30	68	302	1,117	2,488	3,076	2,079	788	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	133,809	6	18	16	116	641	2,669	7,840	22,530	40,021	39,920	20,026	6
160-165.....	152,101	3	5	10	48	334	2,771	12,635	37,931	55,295	35,073	7,984	12
174-175.....	51,063	1	-	-	13	678	3,250	5,941	10,372	12,996	11,387	6,422	3
179-187.....	67,444	2	5	6	127	596	1,402	2,836	8,172	19,153	23,360	11,781	4
188-189.....	24,809	5	22	43	36	99	391	1,284	3,630	7,332	7,920	4,046	1
170-173, 190-199	189,566	57	320	572	894	2,414	6,640	15,476	38,239	57,895	47,813	19,236	10
204-208.....	22,227	24	207	457	567	647	984	1,272	2,861	5,456	6,433	3,319	-
200-203.....	33,410	4	29	110	347	907	1,372	2,289	5,355	9,738	9,559	3,699	1
210-239.....	12,682	86	75	124	136	270	398	590	1,441	3,029	4,037	2,494	2
250.....	157,265	3	13	44	195	1,135	2,903	7,516	22,646	46,195	50,549	26,057	9
260-269.....	28,353	77	33	34	60	297	508	976	2,645	5,799	8,839	9,083	2
280-285.....	36,555	63	108	152	288	622	921	1,305	3,026	6,720	11,390	11,955	5
320-322.....	2,852	312	168	84	70	196	236	250	407	524	426	179	-
390-448.....	1,394,617	4,226	2,054	2,021	4,738	12,281	27,872	59,240	156,914	318,940	439,510	366,669	152
390-398, 402, 404-429....	1,222,285	3,934	1,945	1,839	4,232	10,873	24,851	53,716	142,579	284,487	380,858	312,826	145
390-398.....	11,077	14	10	16	68	162	328	666	1,629	3,238	3,445	1,500	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	37,436	3	1	2	36	222	869	2,227	5,232	9,110	11,482	8,245	7
404.....	3,478	1	-	-	9	25	78	115	336	741	1,242	931	-
410-414.....	614,061	92	20	31	193	1,531	7,894	23,504	69,128	147,494	201,541	162,575	58
410.....	275,239	62	10	19	123	852	4,551	13,623	38,038	75,099	90,004	52,839	19
411.....	8,037	7	2	2	9	59	275	584	1,228	2,022	2,180	1,666	3
413.....	6,260	-	-	-	-	5	48	171	686	1,517	2,188	1,645	-
412, 414....	446,011	33	8	14	82	907	4,881	14,689	45,227	101,602	147,369	131,155	44
424.....	25,143	32	16	15	63	255	433	645	1,989	5,367	8,963	7,362	3
415-423, 425-429.....	946,951	3,870	1,930	1,819	4,064	9,679	19,737	40,191	106,943	215,837	293,902	248,877	102
401, 403.....	101,532	24	6	13	58	357	1,664	4,712	13,358	27,003	33,154	21,178	5
430-438.....	261,354	372	151	212	537	1,566	3,557	7,112	19,130	50,640	93,163	84,899	15
431-432.....	29,829	178	58	115	231	670	1,506	2,583	4,473	7,291	8,537	4,184	3
434.0, 434.9..	33,397	70	38	35	87	208	355	822	2,346	6,356	11,857	11,219	4
434.1.....	2,334	3	1	2	9	23	38	75	207	569	815	592	-
430, 433, 435-438.....	205,610	128	58	72	245	803	1,925	4,038	12,901	38,081	75,256	72,094	9

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, 1988

(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.....	99,673	4	1	-	9	82	464	1,468	6,195	17,467	33,137	40,837	9
441-448.....	44,223	27	7	27	111	295	530	1,214	4,690	12,274	15,193	9,853	2
466.....	2,231	100	31	7	14	25	32	64	200	472	659	627	-
480-487.....	201,225	1,183	475	369	826	2,326	3,939	6,053	15,252	36,443	64,738	69,602	19
480-486.....	198,552	1,177	465	362	814	2,311	3,915	6,005	15,155	36,126	63,942	68,262	18
487.....	2,673	6	10	7	12	15	24	48	97	317	796	1,340	1
490-496.....	189,215	97	73	142	259	465	1,169	5,072	24,422	61,140	67,872	28,485	19
490-491.....	8,559	67	31	10	22	54	104	255	1,009	2,240	2,761	2,004	2
492.....	32,920	12	2	1	7	42	187	927	4,718	11,557	11,549	3,914	4
493.....	9,901	12	28	117	195	294	491	764	1,602	2,565	2,576	1,257	-
494-496.....	138,928	8	13	16	38	88	408	3,182	17,273	45,129	51,304	21,456	13
531-533.....	16,734	33	7	11	23	102	317	645	1,828	4,041	5,569	4,155	3
540-543.....	983	4	9	24	13	23	36	47	125	231	294	177	-
550-553, 560.....	18,847	214	41	34	56	134	335	684	1,913	3,763	6,000	5,670	3
571.....	40,099	45	25	14	112	1,563	4,844	6,524	10,291	10,154	5,401	1,113	13
574-575.....	7,971	15	2	1	12	53	105	223	624	1,693	2,710	2,533	-

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, 1988

(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.....	115,045	1,046	113	154	417	1,528	3,037	5,048	12,646	27,312	36,638	27,101	5
580-581.....	1,156	5	12	3	10	17	44	53	125	302	352	233	-
582-583, 587....	4,544	7	8	6	23	105	143	177	409	1,003	1,465	1,196	2
584-586, 588-589	110,757	1,036	102	148	394	1,442	2,906	4,880	12,256	26,309	35,288	25,992	4
590.....	3,673	12	6	4	18	58	99	147	267	623	1,218	1,220	1
600.....	2,098	-	-	-	1	-	2	8	97	360	872	758	-
630-676.....	374	...	...	-	128	172	71	3	...	...	...	...	-
630-638.....	67	...	...	-	24	29	14	-	...	...	...	...	-
640-676.....	318	...	...	-	106	149	60	3	...	...	...	...	-
740-759.....	17,189	9,419	1,143	637	656	711	656	642	950	1,029	917	424	5
760-779.....	24,368	24,030	232	40	19	16	6	7	1	2	3	2	10
767-769.....	6,086	5,996	53	16	8	5	4	2	-	-	1	-	1
760-766, 770-779	23,829	23,557	198	28	11	11	2	5	1	2	2	2	10
780-799.....	445,188	9,975	1,694	1,673	4,075	9,477	13,949	21,695	53,534	103,130	127,609	98,249	128
RESIDUAL.....	582,157	4,177	2,016	2,016	5,106	12,629	21,137	30,195	65,071	120,569	171,565	147,608	68
E800-E949.....	158,544	1,519	3,236	4,570	19,191	18,062	13,607	10,489	14,745	22,711	27,976	22,298	140

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, 1988

(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-E825.....	49,904	224	1,007	2,430	14,452	10,485	6,208	3,889	3,560	3,614	3,053	936	46
E800-E807, E826-E949.....	108,982	1,295	2,234	2,149	4,823	7,654	7,445	6,628	11,210	19,128	24,951	21,370	95
E950-E959.....	30,591	...	...	245	4,962	6,738	5,222	3,552	3,422	3,340	2,482	609	19
E960-E978.....	22,190	330	387	459	5,782	7,016	3,859	1,744	1,150	777	449	146	91
E980-E999.....	3,207	46	55	74	460	932	671	307	231	218	116	73	24
N800-N999.....	203,021	1,828	3,595	5,239	29,931	32,126	22,721	15,367	18,101	24,580	28,107	21,158	268
N800-N848.....	33,749	130	320	626	3,890	3,073	1,975	1,447	1,803	3,359	7,345	9,763	18
N850-N854.....	35,970	407	875	1,619	8,532	6,817	4,268	2,818	2,716	3,069	3,012	1,786	51
N860-N869.....	23,071	86	277	646	5,669	5,156	3,280	2,066	1,936	1,901	1,513	521	20
N870-N897.....	38,449	29	131	727	8,745	10,192	6,306	3,629	3,174	2,917	2,042	491	66
N900-N904.....	4,530	1	21	91	1,111	1,121	675	394	375	344	300	92	5
N905-N909.....	2,947	12	31	36	76	202	223	208	339	510	613	696	1
N910-N929.....	1,846	29	51	45	311	329	217	176	171	166	212	138	1
N930-N939.....	14,516	271	205	181	356	522	665	768	1,431	2,637	3,994	3,480	6
N940-N949.....	4,301	83	350	246	482	578	490	365	446	486	502	261	12
N950-N957.....	2,072	7	33	89	440	394	246	185	162	206	214	94	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, 1988

(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.....	33,261	156	539	1,118	7,300	6,651	4,341	2,816	2,543	2,805	2,974	1,973	45
N960-N995.....	37,319	611	1,528	1,414	5,123	8,303	6,449	3,476	3,264	3,000	2,644	1,402	105
N996-N999.....	26,641	423	235	180	259	476	887	1,617	4,027	7,653	7,319	3,563	2
*O42-*O44 <u>2</u> /.....	18,602	90	119	63	598	6,659	6,926	2,675	1,020	332	98	18	4

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
ALL CAUSES.....	2,167,999	38,910	7,429	8,925	38,167	59,137	77,454	117,472	269,749	488,545	601,914	459,710	587
004, 006.....	15	1	1	3	-	-	1	3	-	-	3	3	-
007-009.....	305	85	8	2	5	4	4	7	16	40	65	69	-
010-018.....	1,921	2	3	1	28	106	193	195	278	404	453	256	2
010-012.....	1,488	-	1	-	12	60	139	154	216	323	367	215	1
013-018.....	433	2	2	1	16	46	54	41	62	81	86	41	1
033.....	4	4	-	-	-	-	-	-	-	-	-	-	-
034-035.....	13	1	-	1	-	1	-	1	2	3	2	2	-
036.....	278	72	68	19	24	20	17	18	12	10	13	5	-
038.....	20,925	245	89	51	97	286	543	781	1,954	4,282	6,732	5,862	3
045.....	1	1	-	-	-	-	-	-	-	-	-	-	-
055.....	3	1	-	-	-	1	1	-	-	-	-	-	-
070.....	1,290	6	6	3	32	117	145	156	253	303	212	57	-
090-097.....	85	17	-	-	-	5	5	5	7	10	24	12	-
REM. 001 - 139 1/.....	23,253	305	219	169	715	6,585	6,895	2,958	1,786	1,625	1,293	699	4
140-208.....	485,048	89	542	1,096	1,894	5,211	15,581	38,766	97,656	150,824	125,049	48,314	26

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, 1988

(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 & OV	
140-149.....	8,199	1	-	5	27	63	288	1,011	2,154	2,487	1,585	577	1
150-159.....	117,416	6	18	16	113	622	2,576	7,424	21,008	35,924	34,012	15,694	3
160-165.....	138,253	3	4	9	45	312	2,673	12,069	35,403	50,120	30,870	6,735	10
174-175.....	42,461	1	-	-	13	665	3,148	5,652	9,484	10,978	8,578	3,939	3
179-187.....	53,353	2	4	6	114	578	1,321	2,662	7,358	15,984	17,576	7,744	4
188-189.....	19,474	5	20	41	32	96	369	1,184	3,188	5,937	5,865	2,737	-
170-173, 190-199	61,130	47	284	513	722	1,518	3,120	5,638	12,114	17,068	14,165	5,937	4
204-208.....	17,577	21	187	416	518	580	899	1,134	2,409	4,366	4,814	2,233	-
200-203.....	27,185	3	25	90	310	777	1,187	1,992	4,538	7,960	7,584	2,718	1
210-239.....	6,735	60	69	103	100	194	273	413	842	1,566	1,974	1,140	1
250.....	40,368	1	8	31	119	656	1,395	2,502	6,109	11,092	11,907	6,548	-
260-269.....	2,985	27	4	4	5	19	40	36	120	355	907	1,468	-
280-285.....	3,816	27	43	54	110	144	145	135	265	579	1,128	1,186	-
320-322.....	1,156	205	129	53	33	62	46	75	122	189	162	80	-
390-448.....	969,400	1,033	412	410	1,434	4,802	15,055	37,636	103,090	215,326	312,054	278,026	122
390-398, 402, 404-429.....	765,156	871	352	324	1,090	3,575	12,070	31,758	87,514	176,126	242,116	209,252	108

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, 1988

(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 & OV	
390-398.....	6,421	6	4	10	54	110	222	436	994	1,823	1,952	809	1
402.....	20,788	1	1	1	25	146	533	1,374	3,031	4,923	6,032	4,716	5
404.....	2,450	1	-	1	9	13	43	65	225	468	877	748	-
410-414.....	509,592	29	12	14	125	1,165	6,793	20,380	58,267	121,112	165,537	136,106	52
410.....	247,950	17	4	5	78	655	4,025	12,184	33,875	67,039	81,343	48,706	19
411.....	3,408	4	1	-	5	26	109	269	541	856	887	708	2
413.....	1,021	-	-	-	-	1	6	28	95	242	355	294	-
412, 414....	257,213	8	7	9	42	483	2,653	7,899	23,756	52,975	82,952	86,398	31
424.....	11,731	16	8	8	30	129	234	338	953	2,413	4,124	3,477	1
415-423, 425-429.....	214,174	818	327	290	847	2,012	4,245	9,165	24,044	45,387	63,594	63,396	49
401, 403.....	8,456	1	1	1	9	62	159	371	908	1,896	2,735	2,312	1
430-438.....	150,517	152	55	72	266	969	2,423	4,630	11,196	27,694	52,716	50,335	9
431-432.....	21,242	53	19	31	91	343	909	1,747	3,087	5,265	6,468	3,226	3
434.0, 434.9..	21,265	30	10	5	15	66	136	390	1,304	3,782	7,717	7,808	2
434.1.....	741	1	-	-	-	4	11	14	62	184	262	203	-

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, 1988

(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 & OV	
430, 433, 435-438.....	107,269	68	26	36	160	556	1,367	2,479	6,743	18,463	38,269	39,098	4
440.....	22,086	1	1	-	2	7	54	176	787	2,699	6,679	11,677	3
441-448.....	23,185	8	3	13	67	189	349	701	2,085	6,911	7,808	4,450	1
466.....	635	72	22	5	5	8	11	25	44	101	149	193	-
480-487.....	77,662	641	186	127	266	845	1,348	1,771	4,124	10,713	24,481	33,149	11
480-486.....	75,719	635	177	122	258	834	1,332	1,739	4,065	10,521	23,915	32,110	11
487.....	1,943	6	9	5	8	11	16	32	59	192	566	1,039	-
490-496.....	82,853	55	44	103	178	300	630	2,259	10,659	27,185	29,806	11,623	11
490-491.....	3,720	43	18	4	5	22	35	92	422	1,029	1,249	799	2
492.....	15,513	3	-	-	1	16	74	402	2,294	5,738	5,369	1,614	2
493.....	4,597	7	19	93	162	231	343	440	785	1,097	991	429	-
494-496.....	59,023	2	7	6	10	31	178	1,325	7,158	19,321	22,197	8,781	7
531-533.....	6,435	16	3	5	17	48	144	257	657	1,416	2,140	1,731	1
540-543.....	473	3	7	19	7	13	23	25	68	103	123	82	-
550-553, 560.....	5,599	77	25	19	19	39	75	156	368	903	1,850	2,066	2
571.....	26,409	21	6	2	53	1,057	3,563	4,780	6,980	6,266	3,083	590	8

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, 1988

(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 & OV	
574-575.....	3,115	4	1	1	5	23	47	83	226	624	1,020	1,081	-
580-589.....	22,392	218	21	20	83	271	479	788	2,058	4,590	7,467	6,396	1
580-581.....	310	4	4	1	4	4	9	14	35	68	97	70	-
582-583, 587....	1,521	2	4	2	11	43	55	60	137	310	486	411	-
584-586, 588-589	20,561	212	13	17	68	224	415	714	1,886	4,212	6,884	5,915	1
590.....	1,610	5	3	2	6	18	37	56	91	236	564	591	1
600.....	454	-	-	-	-	-	-	1	26	71	177	179	-
630-676.....	330	...	...	-	111	151	66	2	...	...	...	...	-
630-638.....	61	...	...	-	23	25	13	-	...	...	...	...	-
640-676.....	269	...	...	-	88	126	53	2	...	...	...	...	-
740-759.....	12,753	8,141	913	499	474	465	411	336	433	490	421	165	5
760-779.....	18,220	18,036	129	22	9	9	2	3	-	-	1	1	8
767-769.....	4,222	4,174	29	9	4	3	1	1	-	-	-	-	1
760-766, 770-779	13,998	13,862	100	13	5	6	1	2	-	-	1	1	7
780-799.....	30,951	6,486	298	168	852	2,117	2,198	1,631	2,578	4,147	5,188	5,198	90
RESIDUAL.....	167,935	1,660	876	943	1,830	4,232	6,855	8,551	16,520	31,868	50,322	44,253	25

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, 1988

(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 & OV	
E800-E949.....	97,100	936	2,858	4,215	18,507	16,728	11,551	7,514	7,663	8,971	10,145	7,880	132
E810-E825.....	49,078	215	1,005	2,423	14,406	10,433	6,147	3,825	3,420	3,429	2,872	858	45
E800-E807, E826-E949.....	48,022	721	1,853	1,792	4,101	6,295	5,404	3,689	4,243	5,542	7,273	7,022	87
E950-E959.....	30,407	...	...	243	4,929	6,710	5,205	3,532	3,406	3,296	2,462	605	19
E960-E978.....	22,032	315	381	459	5,771	6,992	3,834	1,727	1,130	760	433	139	91
E980-E999.....	3,033	42	55	73	449	898	636	288	206	197	104	61	24
*042-*044 <u>2</u> /.....	16,602	81	114	54	535	6,036	6,184	2,352	867	286	79	11	3

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	10	-	-	-	1	1	-	-	1	2	4	1	-
007-009.....	244	33	3	2	3	7	7	10	23	41	44	71	-
010-018.....	2,314	3	2	2	16	135	221	193	357	547	595	242	1
010-012.....	1,877	-	2	1	7	103	182	151	287	440	492	211	1
013-018.....	480	3	1	1	11	33	44	48	75	119	107	38	-
033.....	1	1	-	-	-	-	-	-	-	-	-	-	-
034-035.....	21	-	1	1	-	-	-	-	3	5	5	6	-
036.....	27	6	6	-	1	2	2	4	1	1	2	2	-
038.....	81,227	399	209	211	501	1,404	2,632	4,129	9,595	18,839	24,423	18,874	11
045.....	1	-	-	-	-	-	-	-	-	-	1	-	-
055.....	5	-	1	-	-	2	-	-	2	-	-	-	-
070.....	632	3	2	1	12	61	111	81	120	121	92	28	-
090-097.....	226	11	-	-	2	9	15	9	17	49	71	43	-
REM. 001 - 139 <u>1</u> /...	8,248	127	52	78	176	770	1,073	790	1,144	1,592	1,534	911	1
140-208.....	66,806	9	40	69	116	360	784	1,950	7,052	17,472	23,132	15,816	6
140-149.....	1,757	-	-	1	3	5	14	106	334	589	494	211	-

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, 1988

(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.....	16,395	-	-	-	3	19	93	417	1,522	4,098	5,908	4,332	3
160-165.....	13,849	-	1	1	3	22	98	566	2,528	5,175	4,204	1,249	2
174-175.....	8,602	-	-	-	-	13	102	289	888	2,018	2,809	2,483	-
179-187.....	14,091	-	1	-	13	18	81	174	814	3,169	5,784	4,037	-
188-189.....	5,335	-	2	2	4	3	22	100	442	1,395	2,055	1,309	1
170-173, 190-199..	128,436	10	36	59	172	896	3,520	9,838	26,125	40,827	33,648	13,299	6
204-208.....	4,651	3	20	41	49	67	85	138	452	1,090	1,619	1,087	-
200-203.....	6,225	1	4	20	37	130	185	297	817	1,778	1,975	981	-
210-239.....	5,947	26	6	21	36	76	125	177	599	1,463	2,063	1,354	1
250.....	116,897	2	5	13	76	479	1,508	5,014	16,537	35,103	38,642	19,509	9
260-269.....	25,390	50	29	30	55	278	468	941	2,526	5,445	7,937	7,629	2
280-285.....	32,739	36	65	98	178	478	776	1,170	2,761	6,141	10,262	10,769	5
320-322.....	1,696	107	39	31	37	134	190	175	285	335	264	99	-
390-448.....	425,364	3,193	1,642	1,611	3,304	7,487	12,832	21,620	53,842	103,650	127,491	88,662	30
390-398, 402, 404-429.....	457,182	3,063	1,593	1,515	3,142	7,306	12,795	21,971	55,073	108,366	138,745	103,576	37
390-398.....	4,660	8	6	6	14	52	107	230	636	1,417	1,493	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, 1988

(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.....	16,793	2	-	1	11	76	336	858	2,210	4,215	5,501	3,581	2
404.....	1,328	-	-	-	-	12	36	55	140	335	470	280	-
410-414.....	104,469	63	8	17	68	366	1,101	3,124	10,861	26,382	36,004	26,469	6
410.....	27,290	45	6	14	45	197	526	1,439	4,163	8,060	8,661	4,134	-
411.....	4,629	3	1	2	4	33	166	315	687	1,166	1,293	958	1
413.....	5,239	-	-	-	-	4	42	143	591	1,275	1,833	1,351	-
412, 414.....	188,798	25	1	5	40	424	2,228	6,790	21,471	48,627	64,417	44,757	13
424.....	13,412	16	8	7	33	126	199	307	1,036	2,954	4,839	3,885	2
415-423, 425-429.....	732,841	3,052	1,603	1,529	3,217	7,675	15,507	31,039	82,907	170,458	230,314	185,487	53
401, 403.....	93,139	23	5	12	49	297	1,505	4,345	12,455	25,118	30,436	18,890	4
430-438.....	110,839	220	96	140	271	597	1,134	2,482	7,934	22,946	40,447	34,566	6
431-432.....	8,605	125	39	84	140	327	601	837	1,391	2,029	2,073	959	-
434.0, 434.9....	12,132	40	28	30	72	142	219	432	1,042	2,574	4,140	3,411	2
434.1.....	1,593	2	1	2	9	19	27	61	145	385	553	389	-
430, 433, 435-438.....	98,355	60	32	36	86	247	558	1,562	6,160	19,619	36,990	33,000	5

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, 1988

(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.....	77,587	3	-	-	7	75	410	1,292	5,408	14,768	26,458	29,160	6
441-448.....	21,377	19	4	14	44	106	186	522	2,052	5,465	7,501	5,463	1
466.....	1,596	28	9	2	9	17	21	39	156	371	510	434	-
480-487.....	123,567	542	289	242	561	1,481	2,591	4,282	11,128	25,730	40,260	36,453	8
480-486.....	122,836	542	288	240	557	1,477	2,583	4,266	11,090	25,605	40,029	36,152	7
487.....	731	-	1	2	4	4	8	16	38	125	231	301	1
490-496.....	106,362	42	29	39	81	165	539	2,813	13,763	33,955	38,066	16,862	8
490-491.....	4,839	24	13	6	17	32	69	163	587	1,211	1,512	1,205	-
492.....	17,408	9	2	1	6	26	113	525	2,424	5,819	6,181	2,300	2
493.....	5,325	5	10	24	33	63	151	325	819	1,474	1,592	829	-
494-496.....	79,913	6	6	10	28	57	230	1,857	10,117	25,812	29,109	12,675	6
531-533.....	10,299	17	4	6	6	54	173	388	1,171	2,625	3,429	2,424	2
540-543.....	510	1	2	5	6	10	13	22	57	128	171	95	-
550-553, 560.....	13,248	137	16	15	37	95	260	528	1,545	2,860	4,150	3,604	1
571.....	13,906	24	19	12	60	527	1,325	1,792	3,364	3,924	2,329	525	5
574-575.....	4,856	11	1	-	7	30	58	140	398	1,069	1,690	1,452	-

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, 1988

(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.....	92,669	829	92	134	334	1,257	2,559	4,261	10,591	22,726	29,175	20,707	4
580-581.....	849	1	8	2	6	13	35	40	90	234	257	163	-
582-583, 587.....	3,040	5	4	4	12	62	90	118	273	700	983	787	2
584-586, 588-589..	90,212	825	89	131	326	1,218	2,491	4,166	10,374	22,105	28,407	20,077	3
590.....	2,071	7	3	2	12	40	62	91	176	387	658	633	-
600.....	1,644	-	-	-	1	-	2	7	71	289	695	579	-
630-676.....	44	...	...	-	17	21	5	1	...	...	...	...	-
630-638.....	6	...	...	-	1	4	1	-	...	...	...	...	-
640-676.....	49	...	...	-	18	23	7	1	...	...	...	...	-
740-759.....	4,441	1,278	230	138	182	246	245	306	517	540	498	261	-
760-779.....	6,148	5,994	103	18	10	7	4	4	1	2	2	1	2
767-769.....	1,864	1,822	24	7	4	2	3	1	-	-	1	-	-
760-766, 770-779..	9,831	9,695	98	15	6	5	1	3	1	2	1	1	3
780-799.....	414,238	3,489	1,396	1,505	3,223	7,360	11,751	20,064	50,957	98,983	122,421	93,051	38
RESIDUAL.....	414,281	2,517	1,140	1,074	3,276	8,404	14,290	21,651	48,557	88,708	121,256	103,365	43
E800-E949.....	61,444	583	378	355	684	1,334	2,056	2,975	7,082	13,740	17,831	14,418	8

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	826	9	2	7	46	52	61	64	140	185	181	78	1
E800-E807, E816- E949.....	60,960	574	381	357	722	1,359	2,041	2,939	6,967	13,586	17,678	14,348	8
E950-E959.....	184	...	...	2	33	28	17	20	16	44	20	4	-
E960-E978.....	159	15	6	-	11	24	26	17	20	17	16	7	-
E980-E999.....	174	4	-	1	11	34	35	19	25	21	12	12	-
N800-N999.....	203,021	1,828	3,595	5,239	29,931	32,126	22,721	15,367	18,101	24,580	28,107	21,158	268
N800-N848.....	33,749	130	320	626	3,890	3,073	1,975	1,447	1,803	3,359	7,345	9,763	18
N850-N854.....	35,970	407	875	1,619	8,532	6,817	4,268	2,818	2,716	3,069	3,012	1,786	51
N860-N869.....	23,071	86	277	646	5,669	5,156	3,280	2,066	1,936	1,901	1,513	521	20
N870-N897.....	38,449	29	131	727	8,745	10,192	6,306	3,629	3,174	2,917	2,042	491	66
N900-N904.....	4,530	1	21	91	1,111	1,121	675	394	375	344	300	92	5
N905-N909.....	2,947	12	31	36	76	202	223	208	339	510	613	696	1
N910-N929.....	1,846	29	51	45	311	329	217	176	171	166	212	138	1
N930-N939.....	14,516	271	205	181	356	522	665	768	1,431	2,637	3,994	3,480	6
N940-N949.....	4,301	83	350	246	482	578	490	365	446	486	502	261	12
N950-N957.....	2,072	7	33	89	440	394	246	185	162	206	214	94	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, 1988

(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.....	33,261	156	539	1,118	7,300	6,651	4,341	2,816	2,543	2,805	2,974	1,973	45
N960-N995.....	37,319	611	1,528	1,414	5,123	8,303	6,449	3,476	3,264	3,000	2,644	1,402	105
N996-N999.....	26,641	423	235	180	259	476	887	1,617	4,027	7,653	7,319	3,563	2
*042-*044 <u>2</u> /.....	2,029	10	5	9	63	626	752	326	155	54	21	7	1

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	25	1	1	3	1	1	1	3	1	2	7	4	-
007-009.....	652	118	12	5	10	53	50	32	42	81	109	140	-
010-018.....	4,390	5	5	4	49	297	465	416	645	952	1,051	498	3
010-012.....	3,504	-	3	2	25	194	360	320	528	772	870	428	2
013-018.....	932	5	3	2	27	104	109	101	123	193	187	77	1
033.....	5	5	-	-	-	-	-	-	-	-	-	-	-
034-035.....	34	1	1	2	-	1	-	1	5	8	7	8	-
036.....	305	78	74	19	25	22	19	22	13	11	15	7	-
038.....	103,302	658	314	269	629	1,980	3,476	5,042	11,659	23,205	31,249	24,807	14
045.....	2	1	-	-	-	-	-	-	-	-	1	-	-
055.....	9	1	1	-	-	4	1	-	2	-	-	-	-
070.....	1,922	9	8	4	44	178	256	237	373	424	304	85	-
090-097.....	311	28	-	-	2	14	20	14	24	59	95	55	-
REM. 001 - 139 <u>1</u> /.	32,048	437	272	247	895	7,364	7,985	3,780	2,981	3,340	2,995	1,747	5
140-208.....	553,690	98	583	1,168	2,047	6,237	17,121	40,993	104,790	168,308	148,184	64,129	32
140-149.....	9,956	1	-	6	30	68	302	1,117	2,488	3,076	2,079	788	1

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, 1988

(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.....	133,810	6	18	16	116	641	2,669	7,840	22,530	40,021	39,920	20,027	6
160-165.....	152,101	3	5	10	48	334	2,771	12,635	37,931	55,295	35,073	7,984	12
174-175.....	51,063	1	-	-	13	678	3,250	5,941	10,372	12,996	11,387	6,422	3
179-187.....	67,446	2	5	6	127	596	1,402	2,836	8,172	19,154	23,361	11,781	4
188-189.....	24,809	5	22	43	36	99	391	1,284	3,630	7,332	7,920	4,046	1
170-173, 190-199	191,314	57	320	573	918	2,932	7,210	15,702	38,364	58,027	47,915	19,286	10
204-208.....	22,229	24	207	457	567	647	984	1,272	2,862	5,457	6,433	3,319	-
200-203.....	33,978	4	30	112	362	1,075	1,605	2,390	5,392	9,747	9,561	3,699	1
210-239.....	12,914	86	76	125	140	275	410	617	1,492	3,083	4,094	2,514	2
250.....	157,266	3	13	44	195	1,135	2,903	7,516	22,647	46,195	50,549	26,057	9
260-269.....	28,994	78	34	34	64	308	538	1,032	2,761	5,934	8,989	9,220	2
280-285.....	36,610	72	109	152	289	626	930	1,307	3,033	6,725	11,404	11,958	5
320-322.....	2,870	313	171	85	72	197	237	252	407	526	427	183	-
390-448.....	1,395,775	4,236	2,062	2,024	4,746	12,300	27,915	59,297	157,040	319,162	439,843	366,998	152
390-398, 402, 404-429.....	1,222,616	3,944	1,953	1,842	4,241	10,894	24,882	53,748	142,618	284,508	380,900	312,941	145
390-398.....	11,084	14	10	16	68	162	329	666	1,630	3,242	3,446	1,500	1

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, 1988

(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.....	34,857	3	1	2	39	225	878	2,130	4,943	8,581	10,721	7,327	7
404.....	655	-	-	-	-	-	6	14	35	77	210	313	-
410-414.....	614,063	92	20	31	193	1,531	7,894	23,504	69,128	147,494	201,541	162,577	58
410.....	275,239	62	10	19	123	852	4,551	13,623	38,038	75,099	90,004	52,839	19
411.....	8,037	7	2	2	9	59	275	584	1,228	2,022	2,180	1,666	3
413.....	6,261	-	-	-	-	5	48	171	686	1,517	2,189	1,645	-
412, 414....	446,013	33	8	14	82	907	4,881	14,689	45,227	101,602	147,369	131,157	44
424.....	25,194	32	17	15	65	257	435	649	2,004	5,376	8,974	7,367	3
415-423, 425-429.....	951,588	3,882	1,940	1,822	4,077	9,720	19,823	40,372	107,491	216,811	295,338	250,210	102
401, 403.....	109,369	25	6	13	66	398	1,767	5,031	14,248	28,768	35,766	23,276	5
430-438.....	261,370	372	151	212	537	1,566	3,557	7,110	19,124	50,636	93,178	84,912	15
431-432.....	30,596	179	61	118	246	714	1,593	2,717	4,640	7,458	8,652	4,215	3
434.0, 434.9..	33,672	71	38	35	89	210	361	830	2,368	6,424	11,954	11,288	4
434.1.....	2,334	3	1	2	9	23	38	75	207	569	815	592	-
430, 433, 435-438.....	211,125	129	59	73	246	810	1,966	4,175	13,379	39,366	77,335	73,577	10

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1988

(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.....	109,208	4	1	-	10	83	480	1,536	6,611	19,019	36,356	45,099	9
441-448.....	49,302	27	8	27	118	324	637	1,448	5,496	13,807	16,813	10,595	2
466.....	2,543	110	34	7	14	27	40	75	233	558	759	686	-
480-487.....	204,563	1,215	487	380	886	2,939	4,533	6,305	15,511	36,894	65,337	70,057	19
480-486.....	202,760	1,212	477	374	876	2,929	4,518	6,273	15,435	36,666	64,800	69,182	18
487.....	2,673	6	10	7	12	15	24	48	97	317	796	1,340	1
490-496.....	189,308	100	77	143	260	466	1,169	5,075	24,426	61,158	67,898	28,517	19
490-491.....	8,627	70	34	11	23	54	104	256	1,009	2,251	2,779	2,034	2
492.....	34,568	12	2	1	8	44	197	973	4,938	12,186	12,121	4,082	4
493.....	10,039	12	31	117	195	295	496	769	1,620	2,605	2,630	1,269	-
494-496.....	145,919	8	13	16	40	99	456	3,391	18,251	47,474	53,749	22,408	14
531-533.....	16,736	33	7	11	23	102	317	645	1,829	4,041	5,569	4,156	3
540-543.....	983	4	9	24	13	23	36	47	125	231	294	177	-
550-553, 560.....	18,847	214	41	34	56	134	335	684	1,913	3,763	6,000	5,670	3
571.....	40,045	45	25	14	111	1,558	4,840	6,510	10,271	10,145	5,399	1,114	13
574-575.....	7,975	15	2	1	12	53	105	223	624	1,693	2,713	2,534	-

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, 1988

(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.....	127,974	1,048	114	157	442	1,669	3,332	5,551	14,096	30,498	41,059	30,001	7
580-581.....	1,320	5	12	3	10	23	50	74	166	359	376	242	-
582-583, 587....	5,563	8	8	6	26	126	178	233	561	1,316	1,748	1,350	3
584-586, 588-589	123,035	1,037	103	152	418	1,567	3,175	5,331	13,585	29,287	39,545	28,830	5
590.....	3,862	12	6	4	18	63	105	155	285	661	1,279	1,273	1
600.....	2,098	-	-	-	1	-	2	8	97	360	872	758	-
630-676.....	374	...	...	-	128	172	71	3	...	...	...	...	-
630-638.....	67	...	...	-	24	29	14	-	...	...	...	...	-
640-676.....	318	...	...	-	106	149	60	3	...	...	...	...	-
740-759.....	17,233	9,425	1,145	638	656	713	661	645	957	1,036	922	430	5
760-779.....	24,392	24,038	240	45	21	16	7	7	1	2	3	2	10
767-769.....	6,112	6,008	61	21	9	5	4	2	-	-	1	-	1
760-766, 770-779	23,838	23,561	200	29	12	11	3	5	1	2	2	2	10
780-799.....	449,661	9,977	1,695	1,676	4,086	9,519	14,038	21,838	53,934	104,009	129,013	99,747	129
RESIDUAL.....	608,169	4,282	2,057	2,054	5,244	13,465	22,586	31,894	68,240	125,880	178,664	153,730	73
E800-E949.....	158,544	1,519	3,236	4,570	19,191	18,062	13,607	10,489	14,745	22,711	27,976	22,298	140

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, 1988

(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-E825.....	49,904	224	1,007	2,430	14,452	10,485	6,208	3,889	3,560	3,614	3,053	936	46
E800-E807, E826-E949.....	108,982	1,295	2,234	2,149	4,823	7,654	7,445	6,628	11,210	19,128	24,951	21,370	95
E950-E959.....	30,591	...	...	245	4,962	6,738	5,222	3,552	3,422	3,340	2,482	609	19
E960-E978.....	22,190	330	387	459	5,782	7,016	3,859	1,744	1,150	777	449	146	91
E980-E999.....	3,207	46	55	74	460	932	671	307	231	218	116	73	24
N800-N999.....	203,021	1,828	3,595	5,239	29,931	32,126	22,721	15,367	18,101	24,580	28,107	21,158	268
N800-N848.....	33,749	130	320	626	3,890	3,073	1,975	1,447	1,803	3,359	7,345	9,763	18
N850-N854.....	35,970	407	875	1,619	8,532	6,817	4,268	2,818	2,716	3,069	3,012	1,786	51
N860-N869.....	23,071	86	277	646	5,669	5,156	3,280	2,066	1,936	1,901	1,513	521	20
N870-N897.....	38,449	29	131	727	8,745	10,192	6,306	3,629	3,174	2,917	2,042	491	66
N900-N904.....	4,530	1	21	91	1,111	1,121	675	394	375	344	300	92	5
N905-N909.....	2,947	12	31	36	76	202	223	208	339	510	613	696	1
N910-N929.....	1,846	29	51	45	311	329	217	176	171	166	212	138	1
N930-N939.....	14,516	271	205	181	356	522	665	768	1,431	2,637	3,994	3,480	6
N940-N949.....	4,301	83	350	246	482	578	490	365	446	486	502	261	12
N950-N957.....	2,072	7	33	89	440	394	246	185	162	206	214	94	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, 1988

(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.....	33,261	156	539	1,118	7,300	6,651	4,341	2,816	2,543	2,805	2,974	1,973	45
N960-N995.....	37,319	611	1,528	1,414	5,123	8,303	6,449	3,476	3,264	3,000	2,644	1,402	105
N996-N999.....	26,641	423	235	180	259	476	887	1,617	4,027	7,653	7,319	3,563	2
*042-*044 <u>2</u> /.....	18,602	90	119	63	598	6,659	6,926	2,675	1,020	332	98	18	4

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1988

(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.....	25	8	17	16	5	11	9	3	6	4	-	4
007-009.....	548	243	305	447	192	255	101	51	50	85	44	41
010-018.....	4,235	2,753	1,482	2,715	1,691	1,024	1,520	1,062	458	1,317	930	387
010-012.....	3,363	2,327	1,036	2,182	1,444	738	1,181	883	298	1,024	773	251
013-018.....	912	452	460	552	258	294	360	194	166	312	172	140
033.....	5	2	3	4	2	2	1	-	1	1	-	1
034-035.....	34	16	18	32	16	16	2	-	2	2	-	2
036.....	305	160	145	218	116	102	87	44	43	77	40	37
038.....	102,147	47,773	54,374	83,832	38,808	45,024	18,315	8,965	9,350	16,973	8,248	8,725
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	8	4	4	8	4	4	-	-	-	-	-	-
070.....	1,922	1,226	696	1,495	959	536	427	267	160	273	162	111
090-097.....	311	185	126	169	106	63	142	79	63	137	76	61
REM. 001 - 139 ^{2/}	31,497	23,421	8,076	23,042	17,223	5,819	8,455	6,198	2,257	8,040	5,919	2,121
140-208.....	551,852	296,164	255,688	485,183	258,683	226,500	66,669	37,481	29,188	60,154	33,867	26,287

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, 1988

(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.....	9,956	6,677	3,279	8,369	5,491	2,878	1,587	1,186	401	1,425	1,078	347
150-159.....	133,809	70,794	63,015	115,801	60,843	54,958	18,008	9,951	8,057	15,754	8,580	7,174
160-165.....	152,101	101,623	50,478	134,465	88,958	45,507	17,636	12,665	4,971	16,168	11,669	4,499
174-175.....	51,063	362	50,701	45,406	294	45,112	5,657	68	5,589	5,224	66	5,158
179-187.....	67,444	40,416	27,028	57,603	34,239	23,364	9,841	6,177	3,664	9,166	5,871	3,295
188-189.....	24,809	16,187	8,622	22,643	14,919	7,724	2,166	1,268	898	1,958	1,133	825
170-173, 190-199	189,566	99,072	90,494	167,752	87,284	80,468	21,814	11,788	10,026	19,834	10,742	9,092
204-208.....	22,227	12,370	9,857	20,146	11,231	8,915	2,081	1,139	942	1,796	976	820
200-203.....	33,410	17,501	15,909	29,954	15,697	14,257	3,456	1,804	1,652	3,106	1,613	1,493
210-239.....	12,682	5,766	6,916	11,145	5,098	6,047	1,537	668	869	1,378	576	802
250.....	157,265	70,023	87,242	132,661	60,317	72,344	24,604	9,706	14,898	22,085	8,469	13,616
260-269.....	28,353	13,110	15,243	24,274	10,864	13,410	4,079	2,246	1,833	3,711	2,053	1,658
280-285.....	36,555	16,240	20,315	30,407	13,357	17,050	6,148	2,883	3,265	5,635	2,614	3,021
320-322.....	2,852	1,505	1,347	2,101	1,082	1,019	751	423	328	686	388	298
390-448.....	1,394,617	688,041	706,576	1,219,637	599,823	619,814	174,980	88,218	86,762	159,790	79,524	80,266

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,222,285	614,246	608,039	1,069,491	536,197	533,294	152,794	78,049	74,745	139,705	70,416	69,289
390-398.....	11,077	3,645	7,432	10,191	3,317	6,874	886	328	558	713	266	447
402.....	37,436	16,206	21,230	28,094	11,903	16,191	9,342	4,303	5,039	8,907	4,085	4,822
404.....	3,478	1,439	2,039	2,528	1,040	1,488	950	399	551	910	372	538
410-414.....	614,061	318,568	295,493	558,412	290,477	267,935	55,649	28,091	27,558	50,111	24,675	25,436
410.....	275,239	150,625	124,614	249,154	137,292	111,862	26,085	13,333	12,752	23,464	11,722	11,742
411.....	8,037	4,660	3,377	7,044	4,070	2,974	993	590	403	934	551	383
413.....	6,260	3,061	3,199	5,797	2,850	2,947	463	211	252	422	191	231
412, 414....	446,011	227,369	218,642	408,441	208,527	199,914	37,570	18,842	18,728	33,581	16,366	17,215
424.....	25,143	11,617	13,526	23,027	10,591	12,436	2,116	1,026	1,090	1,832	875	957
415-423, 425- 429.....	946,951	467,397	479,554	822,835	404,341	418,494	124,116	63,056	61,060	113,473	56,949	56,524
401, 403.....	101,532	43,055	58,477	82,469	34,799	47,670	19,063	8,256	10,807	17,471	7,399	10,072
430-438.....	261,354	107,784	153,570	226,284	92,076	134,208	35,070	15,708	19,362	31,737	14,012	17,725
431-432.....	29,829	13,898	15,931	24,409	11,121	13,288	5,420	2,777	2,643	4,726	2,418	2,308

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, 1988

(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..	33,397	13,617	19,780	29,359	11,765	17,594	4,038	1,852	2,186	3,665	1,658	2,007
434.1.....	2,334	921	1,413	2,131	819	1,312	203	102	101	173	85	88
430, 433, 435- 438.....	205,610	83,070	122,540	179,157	71,667	107,490	26,453	11,403	15,050	24,085	10,210	13,875
440.....	99,673	42,108	57,565	90,936	38,226	52,710	8,737	3,882	4,855	7,932	3,441	4,491
441-448.....	44,223	25,225	18,998	39,969	23,033	16,936	4,254	2,192	2,062	3,826	1,924	1,902
466.....	2,231	1,028	1,203	2,050	930	1,120	181	98	83	162	90	72
480-487.....	201,225	103,413	97,812	180,051	91,070	88,981	21,174	12,343	8,831	18,697	10,855	7,842
480-486.....	198,552	102,462	96,090	177,489	90,170	87,319	21,063	12,292	8,771	18,598	10,810	7,788
487.....	2,673	951	1,722	2,562	900	1,662	111	51	60	99	45	54
490-496.....	189,215	116,869	72,346	175,159	107,448	67,711	14,056	9,421	4,635	12,557	8,403	4,154
490-491.....	8,559	4,559	4,000	7,974	4,197	3,777	585	362	223	494	306	188
492.....	32,920	21,611	11,309	30,789	19,958	10,831	2,131	1,653	478	1,901	1,470	431
493.....	9,901	3,915	5,986	7,919	3,049	4,870	1,982	866	1,116	1,780	757	1,023
494-496.....	138,928	87,323	51,605	129,455	80,707	48,748	9,473	6,616	2,857	8,469	5,925	2,544
531-533.....	16,734	8,681	8,053	14,979	7,680	7,299	1,755	1,001	754	1,490	837	653

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, 1988

(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.....	983	515	468	807	419	388	176	96	80	163	89	74
550-553, 560.....	18,847	7,141	11,706	16,624	6,129	10,495	2,223	1,012	1,211	2,061	937	1,124
571.....	40,099	26,390	13,709	33,366	22,040	11,326	6,733	4,350	2,383	5,876	3,840	2,036
574-575.....	7,971	3,524	4,447	7,177	3,201	3,976	794	323	471	671	255	416
580-589.....	115,045	60,326	54,719	95,447	50,423	45,024	19,598	9,903	9,695	17,857	8,902	8,955
580-581.....	1,156	593	563	942	484	458	214	109	105	196	98	98
582-583, 587....	4,544	2,459	2,085	3,645	1,965	1,680	899	494	405	824	452	372
584-586, 588-589	110,757	58,030	52,727	92,029	48,598	43,431	18,728	9,432	9,296	17,052	8,469	8,583
590.....	3,673	1,356	2,317	3,166	1,127	2,039	507	229	278	467	213	254
600.....	2,098	2,098	...	1,868	1,868	...	230	230	...	204	204	...
630-676.....	374	...	374	201	...	201	173	...	173	152	...	152
630-638.....	67	...	67	25	...	25	42	...	42	38	...	38
640-676.....	318	...	318	179	...	179	139	...	139	121	...	121
740-759.....	17,189	9,164	8,025	14,071	7,498	6,573	3,118	1,666	1,452	2,613	1,404	1,209
760-779.....	24,368	13,783	10,585	15,819	9,058	6,761	8,549	4,725	3,824	7,921	4,392	3,529

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, 1988

(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.....	6,086	3,529	2,557	4,174	2,472	1,702	1,912	1,057	855	1,747	972	775
760-766, 770-779	23,829	13,482	10,347	15,412	8,834	6,578	8,417	4,648	3,769	7,807	4,323	3,484
780-799.....	445,188	224,832	220,356	386,490	193,108	193,382	58,698	31,724	26,974	52,904	28,419	24,485
RESIDUAL.....	582,157	281,777	300,380	504,918	240,875	264,043	77,239	40,902	36,337	69,688	36,647	33,041
E800-E949.....	158,544	96,828	61,716	135,563	81,613	53,950	22,981	15,215	7,766	19,640	12,960	6,680
E810-E825.....	49,904	34,857	15,047	42,711	29,669	13,042	7,193	5,188	2,005	5,701	4,190	1,511
E800-E807, E826-E949.....	108,982	62,224	46,758	93,147	52,161	40,986	15,835	10,063	5,772	13,977	8,801	5,176
E950-E959.....	30,591	24,219	6,372	27,958	22,110	5,848	2,633	2,109	524	2,031	1,654	377
E960-E978.....	22,190	16,821	5,369	11,162	8,058	3,104	11,028	8,763	2,265	10,464	8,358	2,106
E980-E999.....	3,207	2,333	874	2,383	1,711	672	824	622	202	753	576	177
N800-N999.....	203,021	134,008	69,013	166,872	108,051	58,821	36,149	25,957	10,192	31,782	22,920	8,862
N800-N848.....	33,749	17,166	16,583	30,509	15,066	15,443	3,240	2,100	1,140	2,697	1,754	943
N850-N854.....	35,970	25,836	10,134	30,078	21,436	8,642	5,892	4,400	1,492	4,929	3,736	1,193
N860-N869.....	23,071	17,110	5,961	18,447	13,463	4,984	4,624	3,647	977	4,059	3,248	811
N870-N897.....	38,449	31,701	6,748	27,233	22,354	4,879	11,216	9,347	1,869	10,484	8,757	1,727

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, 1988

(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.....	4,530	3,391	1,139	3,350	2,423	927	1,180	968	212	1,073	885	188
N905-N909.....	2,947	1,704	1,243	2,522	1,402	1,120	425	302	123	378	264	114
N910-N929.....	1,846	1,266	580	1,525	1,056	469	321	210	111	272	178	94
N930-N939.....	14,516	7,939	6,577	12,232	6,610	5,622	2,284	1,329	955	2,039	1,181	858
N940-N949.....	4,301	2,843	1,458	3,154	2,102	1,052	1,147	741	406	1,079	697	382
N950-N957.....	2,072	1,550	522	1,580	1,151	429	492	399	93	437	362	75
N958-N959.....	33,261	22,885	10,376	27,444	18,657	8,787	5,817	4,228	1,589	4,874	3,581	1,293
N960-N995.....	37,319	25,738	11,581	29,618	20,442	9,176	7,701	5,296	2,405	6,697	4,592	2,105
N996-N999.....	26,641	14,581	12,060	23,243	12,816	10,427	3,398	1,765	1,633	3,040	1,559	1,481
*042-*044 ^{3/}	18,602	16,526	2,076	12,591	11,668	923	6,011	4,858	1,153	5,860	4,716	1,144

^{1/} INCLUDES BLACK

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

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

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL CAUSES.....	2,167,999	1,125,540	1,042,459	1,876,906	965,419	911,487	291,093	160,121	130,972	264,019	144,228	119,791
004, 006.....	15	5	10	8	2	6	7	3	4	2	-	2
007-009.....	305	133	172	239	99	140	66	34	32	57	29	28
010-018.....	1,921	1,221	700	1,172	730	442	749	491	258	641	422	219
010-012.....	1,488	986	502	957	611	346	531	375	156	454	319	135
013-018.....	433	235	198	215	119	96	218	116	102	187	103	84
033.....	4	2	2	3	2	1	1	-	1	1	-	1
034-035.....	13	6	7	12	6	6	1	-	1	1	-	1
036.....	278	143	135	198	102	96	80	41	39	71	37	34
038.....	20,925	9,132	11,793	16,943	7,270	9,673	3,982	1,862	2,120	3,740	1,729	2,011
045.....	1	1	-	1	1	-	-	-	-	-	-	-
055.....	3	1	2	3	1	2	-	-	-	-	-	-
070.....	1,290	768	522	1,056	647	409	234	121	113	162	79	83
090-097.....	85	51	34	40	25	15	45	26	19	45	26	19
REM. 001 - 139 2/.	23,253	18,459	4,794	16,496	13,322	3,174	6,757	5,137	1,620	6,491	4,941	1,550

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208.....	485,048	258,088	226,960	425,140	224,514	200,626	59,908	33,574	26,334	53,968	30,321	23,647
140-149.....	8,199	5,497	2,702	6,816	4,462	2,354	1,383	1,035	348	1,242	939	303
150-159.....	117,416	61,875	55,541	101,206	52,903	48,303	16,210	8,972	7,238	14,141	7,732	6,409
160-165.....	138,253	91,873	46,380	121,941	80,166	41,775	16,312	11,707	4,605	14,938	10,784	4,154
174-175.....	42,461	289	42,172	37,556	229	37,327	4,905	60	4,845	4,525	58	4,467
179-187.....	53,353	29,560	23,793	45,214	24,694	20,520	8,139	4,866	3,273	7,564	4,631	2,933
188-189.....	19,474	12,389	7,085	17,700	11,366	6,334	1,774	1,023	751	1,602	912	690
170-173, 190-199	61,130	32,813	28,317	54,510	29,319	25,191	6,620	3,494	3,126	5,934	3,144	2,790
204-208.....	17,577	9,724	7,853	15,854	8,785	7,069	1,723	939	784	1,478	806	672
200-203.....	27,185	14,068	13,117	24,343	12,590	11,753	2,842	1,478	1,364	2,544	1,315	1,229
210-239.....	6,735	3,012	3,723	5,870	2,639	3,231	865	373	492	784	330	454
250.....	40,368	16,975	23,393	32,692	14,008	18,684	7,676	2,967	4,709	6,972	2,640	4,332
260-269.....	2,985	1,096	1,889	2,526	884	1,642	459	212	247	420	195	225
280-285.....	3,816	1,614	2,202	3,034	1,247	1,787	782	367	415	731	337	394
320-322.....	1,156	601	555	808	402	406	348	199	149	326	185	141

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, 1988

(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.....	969,400	470,857	498,543	856,367	415,222	441,145	113,033	55,635	57,398	103,426	50,087	53,339
390-398, 402, 404-429.....	765,156	385,402	379,754	678,526	341,519	337,007	86,630	43,883	42,747	79,466	39,584	39,882
390-398.....	6,421	1,945	4,476	5,874	1,746	4,128	547	199	348	426	154	272
402.....	20,788	8,850	11,938	14,901	6,099	8,802	5,887	2,751	3,136	5,626	2,607	3,019
404.....	2,450	994	1,456	1,771	702	1,069	679	292	387	658	277	381
410-414.....	509,592	264,505	245,087	463,674	241,284	222,390	45,918	23,221	22,697	41,419	20,430	20,989
410.....	247,950	135,884	112,066	225,262	124,278	100,984	22,688	11,606	11,082	20,393	10,197	10,196
411.....	3,408	1,955	1,453	2,915	1,661	1,254	493	294	199	465	274	191
413.....	1,021	455	566	927	413	514	94	42	52	91	41	50
412, 414.....	257,213	126,211	131,002	234,570	114,932	119,638	22,643	11,279	11,364	20,470	9,918	10,552
424.....	11,731	5,185	6,546	10,687	4,680	6,007	1,044	505	539	904	428	476
415-423, 425- 429.....	214,174	103,923	110,251	181,619	87,008	94,611	32,555	16,915	15,640	30,433	15,688	14,745
401, 403.....	8,456	3,555	4,901	6,433	2,749	3,684	2,023	806	1,217	1,926	747	1,179
430-438.....	150,517	59,759	90,758	130,075	50,692	79,383	20,442	9,067	11,375	18,479	8,098	10,381

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	21,242	9,736	11,506	17,288	7,687	9,601	3,954	2,049	1,905	3,450	1,787	1,663
434.0, 434.9..	21,265	8,303	12,962	18,825	7,237	11,588	2,440	1,066	1,374	2,233	965	1,268
434.1.....	741	309	432	682	280	402	59	29	30	49	23	26
430, 433, 435- 438.....	107,269	41,411	65,858	93,280	35,488	57,792	13,989	5,923	8,066	12,747	5,323	7,424
440.....	22,086	8,327	13,759	20,261	7,529	12,732	1,825	798	1,027	1,694	739	955
441-448.....	23,185	13,814	9,371	21,072	12,733	8,339	2,113	1,081	1,032	1,861	919	942
466.....	635	281	354	564	246	318	71	35	36	62	32	30
480-487.....	77,662	36,834	40,828	69,570	32,262	37,308	8,092	4,572	3,520	7,191	4,047	3,144
480-486.....	75,719	36,161	39,558	67,705	31,622	36,083	8,014	4,539	3,475	7,122	4,019	3,103
487.....	1,943	673	1,270	1,865	640	1,225	78	33	45	69	28	41
490-496.....	82,853	48,939	33,914	76,673	44,827	31,846	6,180	4,112	2,068	5,476	3,644	1,832
490-491.....	3,720	1,992	1,728	3,491	1,850	1,641	229	142	87	193	121	72
492.....	15,513	9,686	5,827	14,589	8,953	5,636	924	733	191	816	648	168
493.....	4,597	1,822	2,775	3,473	1,299	2,174	1,124	523	601	1,012	460	552
494-496.....	59,023	35,439	23,584	55,120	32,725	22,395	3,903	2,714	1,189	3,455	2,415	1,040

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, 1988

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY 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
531-533.....	6,435	3,182	3,253	5,787	2,807	2,980	648	375	273	560	324	236
540-543.....	473	241	232	368	181	187	105	60	45	99	57	42
550-553, 560.....	5,599	2,041	3,558	4,866	1,706	3,160	733	335	398	695	312	383
571.....	26,409	17,196	9,213	21,924	14,381	7,543	4,485	2,815	1,670	3,903	2,476	1,427
574-575.....	3,115	1,385	1,730	2,789	1,243	1,546	326	142	184	264	107	157
580-589.....	22,392	10,880	11,512	17,915	8,786	9,129	4,477	2,094	2,383	4,157	1,908	2,249
580-581.....	310	158	152	249	131	118	61	27	34	59	27	32
582-583, 587....	1,521	793	728	1,250	644	606	271	149	122	241	133	108
584-586, 588-589	20,561	9,929	10,632	16,416	8,011	8,405	4,145	1,918	2,227	3,857	1,748	2,109
590.....	1,610	496	1,114	1,415	414	1,001	195	82	113	175	74	101
600.....	454	454	...	391	391	...	63	63	...	58	58	...
630-676.....	330	...	330	180	...	180	150	...	150	131	...	131
630-638.....	61	...	61	23	...	23	38	...	38	35	...	35
640-676.....	269	...	269	157	...	157	112	...	112	96	...	96
740-759.....	12,753	6,775	5,978	10,334	5,491	4,843	2,419	1,284	1,135	2,019	1,069	950

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, 1988

(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.....	18,220	10,393	7,827	11,192	6,485	4,707	7,028	3,908	3,120	6,614	3,693	2,921
767-769.....	4,222	2,508	1,714	2,861	1,747	1,114	1,361	761	600	1,256	703	553
760-766, 770-779	13,998	7,885	6,113	8,331	4,738	3,593	5,667	3,147	2,520	5,358	2,990	2,368
780-799.....	30,951	16,969	13,982	24,060	12,947	11,113	6,891	4,022	2,869	6,353	3,692	2,661
RESIDUAL.....	167,935	78,490	89,445	144,073	66,100	77,973	23,862	12,390	11,472	21,797	11,263	10,534
E800-E949.....	97,100	65,821	31,279	81,091	54,435	26,656	16,009	11,386	4,623	13,487	9,608	3,879
E810-E825.....	49,078	34,258	14,820	41,974	29,127	12,847	7,104	5,131	1,973	5,623	4,139	1,484
E800-E807, E826-E949.....	48,022	31,563	16,459	39,117	25,308	13,809	8,905	6,255	2,650	7,864	5,469	2,395
E950-E959.....	30,407	24,078	6,329	27,790	21,980	5,810	2,617	2,098	519	2,022	1,648	374
E960-E978.....	22,032	16,712	5,320	11,066	7,994	3,072	10,966	8,718	2,248	10,403	8,314	2,089
E980-E999.....	3,033	2,208	825	2,250	1,620	630	783	588	195	715	544	171
*042-*044 ^{3/}	16,602	14,811	1,791	11,267	10,479	788	5,335	4,332	1,003	5,197	4,202	995

^{1/} INCLUDES BLACK

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

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

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	10	3	7	8	3	5	2	-	2	2	-	2
007-009.....	244	110	134	209	93	116	35	17	18	28	15	13
010-018.....	2,314	1,532	782	1,543	961	582	771	571	200	676	508	168
010-012.....	1,877	1,342	535	1,227	834	393	650	508	142	570	454	116
013-018.....	480	218	262	337	139	198	143	79	64	126	70	56
033.....	1	-	1	1	-	1	-	-	-	-	-	-
034-035.....	21	10	11	20	10	10	1	-	1	1	-	1
036.....	27	17	10	20	14	6	7	3	4	6	3	3
038.....	81,227	38,644	42,583	66,893	31,540	35,353	14,334	7,104	7,230	13,234	6,520	6,714
045.....	1	-	1	1	-	1	-	-	-	-	-	-
055.....	5	3	2	5	3	2	-	-	-	-	-	-
070.....	632	458	174	439	312	127	193	146	47	111	83	28
090-097.....	226	134	92	129	81	48	97	53	44	92	50	42
REM. 001 - 139 <u>2/</u> ...	8,248	4,965	3,283	6,549	3,903	2,646	1,699	1,062	637	1,550	979	571
140-208.....	66,806	38,078	28,728	60,045	34,171	25,874	6,761	3,907	2,854	6,186	3,546	2,640

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	1,757	1,180	577	1,553	1,029	524	204	151	53	183	139	44
150-159.....	16,395	8,920	7,475	14,597	7,941	6,656	1,798	979	819	1,613	848	765
160-165.....	13,849	9,751	4,098	12,525	8,793	3,732	1,324	958	366	1,230	885	345
174-175.....	8,602	73	8,529	7,850	65	7,785	752	8	744	699	8	691
179-187.....	14,091	10,856	3,235	12,389	9,545	2,844	1,702	1,311	391	1,602	1,240	362
188-189.....	5,335	3,798	1,537	4,943	3,553	1,390	392	245	147	356	221	135
170-173, 190-199..	128,436	66,259	62,177	113,242	57,965	55,277	15,194	8,294	6,900	13,900	7,598	6,302
204-208.....	4,651	2,647	2,004	4,293	2,447	1,846	358	200	158	318	170	148
200-203.....	6,225	3,433	2,792	5,611	3,107	2,504	614	326	288	562	298	264
210-239.....	5,947	2,754	3,193	5,275	2,459	2,816	672	295	377	594	246	348
250.....	116,897	53,048	63,849	99,969	46,309	53,660	16,928	6,739	10,189	15,113	5,829	9,284
260-269.....	25,390	12,020	13,370	21,763	9,984	11,779	3,627	2,036	1,591	3,298	1,860	1,438
280-285.....	32,739	14,626	18,113	27,373	12,110	15,263	5,366	2,516	2,850	4,904	2,277	2,627
320-322.....	1,696	904	792	1,293	680	613	403	224	179	360	203	157
390-448.....	425,364	217,270	208,094	363,385	184,668	178,717	61,979	32,602	29,377	56,396	29,456	26,940

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	457,182	228,889	228,293	391,006	194,712	196,294	66,176	34,177	31,999	60,251	30,843	29,408
390-398.....	4,660	1,702	2,958	4,320	1,572	2,748	340	130	210	288	113	175
402.....	16,793	7,401	9,392	13,310	5,838	7,472	3,483	1,563	1,920	3,307	1,487	1,820
404.....	1,328	567	761	989	429	560	339	138	201	314	124	190
410-414.....	104,469	54,063	50,406	94,738	49,193	45,545	9,731	4,870	4,861	8,692	4,245	4,447
410.....	27,290	14,741	12,549	23,893	13,014	10,879	3,397	1,727	1,670	3,071	1,525	1,546
411.....	4,629	2,705	1,924	4,129	2,409	1,720	500	296	204	469	277	192
413.....	5,239	2,606	2,633	4,870	2,437	2,433	369	169	200	331	150	181
412, 414.....	188,798	101,158	87,640	173,871	93,595	80,276	14,927	7,563	7,364	13,111	6,448	6,663
424.....	13,412	6,432	6,980	12,340	5,911	6,429	1,072	521	551	928	447	481
415-423, 425- 429.....	732,841	363,525	369,316	641,262	317,369	323,893	91,579	46,156	45,423	83,058	41,276	41,782
401, 403.....	93,139	39,530	53,609	76,081	32,071	44,010	17,058	7,459	9,599	15,559	6,659	8,900
430-438.....	110,839	48,025	62,814	96,211	41,384	54,827	14,628	6,641	7,987	13,258	5,914	7,344
431-432.....	8,605	4,167	4,438	7,133	3,437	3,696	1,472	730	742	1,282	633	649

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, 1988

(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.....	12,132	5,314	6,818	10,534	4,528	6,006	1,598	786	812	1,432	693	739
434.1.....	1,593	612	981	1,449	539	910	144	73	71	124	62	62
430, 433, 435- 438.....	98,355	41,664	56,691	85,889	36,182	49,707	12,466	5,482	6,984	11,340	4,889	6,451
440.....	77,587	33,781	43,806	70,675	30,697	39,978	6,912	3,084	3,828	6,238	2,702	3,536
441-448.....	21,377	11,572	9,805	19,173	10,440	8,733	2,204	1,132	1,072	2,025	1,024	1,001
466.....	1,596	747	849	1,486	684	802	110	63	47	100	58	42
480-487.....	123,567	66,582	56,985	110,485	58,811	51,674	13,082	7,771	5,311	11,506	6,808	4,698
480-486.....	122,836	66,303	56,533	109,787	58,550	51,237	13,049	7,753	5,296	11,476	6,791	4,685
487.....	731	279	452	698	261	437	33	18	15	30	17	13
490-496.....	106,362	67,930	38,432	98,486	62,621	35,865	7,876	5,309	2,567	7,081	4,759	2,322
490-491.....	4,839	2,567	2,272	4,483	2,347	2,136	356	220	136	301	185	116
492.....	17,408	11,926	5,482	16,201	11,006	5,195	1,207	920	287	1,085	822	263
493.....	5,325	2,108	3,217	4,465	1,763	2,702	860	345	515	770	299	471
494-496.....	79,913	51,890	28,023	74,343	47,988	26,355	5,570	3,902	1,668	5,014	3,510	1,504
531-533.....	10,299	5,499	4,800	9,192	4,873	4,319	1,107	626	481	930	513	417

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	510	274	236	439	238	201	71	36	35	64	32	32
550-553, 560.....	13,248	5,100	8,148	11,758	4,423	7,335	1,490	677	813	1,366	625	741
571.....	13,906	9,351	4,555	11,594	7,771	3,823	2,312	1,580	732	2,029	1,405	624
574-575.....	4,856	2,139	2,717	4,388	1,958	2,430	468	181	287	407	148	259
580-589.....	92,669	49,453	43,216	77,540	41,641	35,899	15,129	7,812	7,317	13,708	6,997	6,711
580-581.....	849	437	412	694	354	340	155	83	72	139	72	67
582-583, 587.....	3,040	1,675	1,365	2,406	1,327	1,079	634	348	286	588	322	266
584-586, 588-589..	90,212	48,106	42,106	75,627	40,592	35,035	14,585	7,514	7,071	13,197	6,721	6,476
590.....	2,071	861	1,210	1,758	713	1,045	313	148	165	293	140	153
600.....	1,644	1,644	...	1,477	1,477	...	167	167	...	146	146	...
630-676.....	44	...	44	21	...	21	23	...	23	21	...	21
630-638.....	6	...	6	2	...	2	4	...	4	3	...	3
640-676.....	49	...	49	22	...	22	27	...	27	25	...	25
740-759.....	4,441	2,393	2,048	3,742	2,011	1,731	699	382	317	594	335	259
760-779.....	6,148	3,390	2,758	4,627	2,573	2,054	1,521	817	704	1,307	699	608

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, 1988

(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
767-769.....	1,864	1,021	843	1,313	725	588	551	296	255	491	269	222
760-766, 770-779..	9,831	5,597	4,234	7,081	4,096	2,985	2,750	1,501	1,249	2,449	1,333	1,116
780-799.....	414,238	207,863	206,375	362,431	180,161	182,270	51,807	27,702	24,105	46,551	24,727	21,824
RESIDUAL.....	414,281	203,317	210,964	360,890	174,796	186,094	53,391	28,521	24,870	47,905	25,393	22,512
E800-E949.....	61,444	31,007	30,437	54,472	27,178	27,294	6,972	3,829	3,143	6,153	3,352	2,801
E810-E815.....	826	599	227	737	542	195	89	57	32	78	51	27
E800-E807, E816- E949.....	60,960	30,661	30,299	54,030	26,853	27,177	6,930	3,808	3,122	6,113	3,332	2,781
E950-E959.....	184	141	43	168	130	38	16	11	5	9	6	3
E960-E978.....	159	110	49	96	64	32	63	46	17	62	45	17
E980-E999.....	174	125	49	133	91	42	41	34	7	38	32	6
N800-N999.....	203,021	134,008	69,013	166,872	108,051	58,821	36,149	25,957	10,192	31,782	22,920	8,862
N800-N848.....	33,749	17,166	16,583	30,509	15,066	15,443	3,240	2,100	1,140	2,697	1,754	943
N850-N854.....	35,970	25,836	10,134	30,078	21,436	8,642	5,892	4,400	1,492	4,929	3,736	1,193
N860-N869.....	23,071	17,110	5,961	18,447	13,463	4,984	4,624	3,647	977	4,059	3,248	811
N870-N897.....	38,449	31,701	6,748	27,233	22,354	4,879	11,216	9,347	1,869	10,484	8,757	1,727

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, 1988

(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	4,530	3,391	1,139	3,350	2,423	927	1,180	968	212	1,073	885	188
N905-N909	2,947	1,704	1,243	2,522	1,402	1,120	425	302	123	378	264	114
N910-N929	1,846	1,266	580	1,525	1,056	469	321	210	111	272	178	94
N930-N939	14,516	7,939	6,577	12,232	6,610	5,622	2,284	1,329	955	2,039	1,181	858
N940-N949	4,301	2,843	1,458	3,154	2,102	1,052	1,147	741	406	1,079	697	382
N950-N957	2,072	1,550	522	1,580	1,151	429	492	399	93	437	362	75
N958-N959	33,261	22,885	10,376	27,444	18,657	8,787	5,817	4,228	1,589	4,874	3,581	1,293
N960-N995	37,319	25,738	11,581	29,618	20,442	9,176	7,701	5,296	2,405	6,697	4,592	2,105
N996-N999	26,641	14,581	12,060	23,243	12,816	10,427	3,398	1,765	1,633	3,040	1,559	1,481
*042-*044 ^{3/}	2,029	1,738	291	1,346	1,207	139	683	531	152	670	519	151

^{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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	25	8	17	16	5	11	9	3	6	4	-	4
007-009.....	652	337	315	533	272	261	119	65	54	97	52	45
010-018.....	4,390	2,888	1,502	2,796	1,765	1,031	1,594	1,123	471	1,390	991	399
010-012.....	3,504	2,438	1,066	2,251	1,501	750	1,253	937	316	1,093	826	267
013-018.....	932	481	451	566	277	289	366	204	162	320	183	137
033.....	5	2	3	4	2	2	1	-	1	1	-	1
034-035.....	34	16	18	32	16	16	2	-	2	2	-	2
036.....	305	160	145	218	116	102	87	44	43	77	40	37
038.....	103,302	48,646	54,656	84,588	39,379	45,209	18,714	9,267	9,447	17,349	8,533	8,816
045.....	2	1	1	2	1	1	-	-	-	-	-	-
055.....	9	5	4	9	5	4	-	-	-	-	-	-
070.....	1,922	1,226	696	1,495	959	536	427	267	160	273	162	111
090-097.....	311	185	126	169	106	63	142	79	63	137	76	61
REM. 001 - 139 <u>2/</u>	32,048	23,661	8,387	23,511	17,427	6,084	8,537	6,234	2,303	8,113	5,951	2,162
140-208.....	553,690	297,970	255,720	486,786	260,265	226,521	66,904	37,705	29,199	60,370	34,072	26,298

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, 1988

(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.....	9,956	6,677	3,279	8,369	5,491	2,878	1,587	1,186	401	1,425	1,078	347
150-159.....	133,810	70,795	63,015	115,802	60,844	54,958	18,008	9,951	8,057	15,754	8,580	7,174
160-165.....	152,101	101,623	50,478	134,465	88,958	45,507	17,636	12,665	4,971	16,168	11,669	4,499
174-175.....	51,063	362	50,701	45,406	294	45,112	5,657	68	5,589	5,224	66	5,158
179-187.....	67,446	40,416	27,030	57,605	34,239	23,366	9,841	6,177	3,664	9,166	5,871	3,295
188-189.....	24,809	16,187	8,622	22,643	14,919	7,724	2,166	1,268	898	1,958	1,133	825
170-173, 190-199	191,314	100,631	90,683	169,272	88,648	80,624	22,042	11,983	10,059	20,041	10,919	9,122
204-208.....	22,229	12,372	9,857	20,147	11,232	8,915	2,082	1,140	942	1,797	977	820
200-203.....	33,978	18,047	15,931	30,452	16,178	14,274	3,526	1,869	1,657	3,171	1,673	1,498
210-239.....	12,914	5,908	7,006	11,359	5,229	6,130	1,555	679	876	1,393	586	807
250.....	157,266	70,023	87,243	132,661	60,317	72,344	24,605	9,706	14,899	22,086	8,469	13,617
260-269.....	28,994	13,440	15,554	24,804	11,130	13,674	4,190	2,310	1,880	3,819	2,116	1,703
280-285.....	36,610	16,282	20,328	30,451	13,390	17,061	6,159	2,892	3,267	5,646	2,623	3,023
320-322.....	2,870	1,517	1,353	2,114	1,091	1,023	756	426	330	691	391	300
390-448.....	1,395,775	688,601	707,174	1,220,615	600,297	620,318	175,160	88,304	86,856	159,962	79,605	80,357

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1</u> /			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,222,616	614,405	608,211	1,069,770	536,323	533,447	152,846	78,082	74,764	139,752	70,446	69,306
390-398.....	11,084	3,647	7,437	10,196	3,318	6,878	888	329	559	715	267	448
402.....	34,857	15,332	19,525	25,981	11,237	14,744	8,876	4,095	4,781	8,459	3,886	4,573
404.....	655	249	406	591	229	362	64	20	44	64	20	44
410-414.....	614,063	318,569	295,494	558,414	290,478	267,936	55,649	28,091	27,558	50,111	24,675	25,436
410.....	275,239	150,625	124,614	249,154	137,292	111,862	26,085	13,333	12,752	23,464	11,722	11,742
411.....	8,037	4,660	3,377	7,044	4,070	2,974	993	590	403	934	551	383
413.....	6,261	3,061	3,200	5,798	2,850	2,948	463	211	252	422	191	231
412, 414....	446,013	227,370	218,643	408,443	208,528	199,915	37,570	18,842	18,728	33,581	16,366	17,215
424.....	25,194	11,638	13,556	23,073	10,611	12,462	2,121	1,027	1,094	1,836	876	960
415-423, 425- 429.....	951,588	469,345	482,243	826,617	405,902	420,715	124,971	63,443	61,528	114,278	57,306	56,972
401, 403.....	109,369	46,147	63,222	88,275	37,006	51,269	21,094	9,141	11,953	19,400	8,222	11,178
430-438.....	261,370	107,784	153,586	226,306	92,078	134,228	35,064	15,706	19,358	31,734	14,012	17,722
431-432.....	30,596	14,170	16,426	25,054	11,349	13,705	5,542	2,821	2,721	4,827	2,454	2,373

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, 1988

(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..	33,672	13,729	19,943	29,606	11,865	17,741	4,066	1,864	2,202	3,687	1,667	2,020
434.1.....	2,334	921	1,413	2,131	819	1,312	203	102	101	173	85	88
430, 433, 435- 438.....	211,125	85,378	125,747	183,991	73,672	110,319	27,134	11,706	15,428	24,688	10,478	14,210
440.....	109,208	46,136	63,072	99,779	41,968	57,811	9,429	4,168	5,261	8,553	3,685	4,868
441-448.....	49,302	27,764	21,538	44,232	25,249	18,983	5,070	2,515	2,555	4,584	2,222	2,362
466.....	2,543	1,203	1,340	2,336	1,086	1,250	207	117	90	187	109	78
480-487.....	204,563	105,766	98,797	182,678	92,907	89,771	21,885	12,859	9,026	19,364	11,343	8,021
480-486.....	202,760	105,135	97,625	180,955	92,313	88,642	21,805	12,822	8,983	19,296	11,312	7,984
487.....	2,673	951	1,722	2,562	900	1,662	111	51	60	99	45	54
490-496.....	189,308	116,914	72,394	175,242	107,488	67,754	14,066	9,426	4,640	12,563	8,405	4,158
490-491.....	8,627	4,584	4,043	8,036	4,219	3,817	591	365	226	498	307	191
492.....	34,568	22,673	11,895	32,350	20,948	11,402	2,218	1,725	493	1,979	1,534	445
493.....	10,039	3,993	6,046	8,039	3,119	4,920	2,000	874	1,126	1,798	765	1,033
494-496.....	145,919	91,317	54,602	135,923	84,364	51,559	9,996	6,953	3,043	8,934	6,227	2,707
531-533.....	16,736	8,682	8,054	14,980	7,680	7,300	1,756	1,002	754	1,490	837	653

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, 1988

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
540-543.....	983	515	468	807	419	388	176	96	80	163	89	74
550-553, 560.....	18,847	7,141	11,706	16,624	6,129	10,495	2,223	1,012	1,211	2,061	937	1,124
571.....	40,045	26,350	13,695	33,326	22,010	11,316	6,719	4,340	2,379	5,865	3,832	2,033
574-575.....	7,975	3,525	4,450	7,181	3,202	3,979	794	323	471	671	255	416
580-589.....	127,974	66,095	61,879	104,977	54,758	50,219	22,997	11,337	11,660	21,032	10,210	10,822
580-581.....	1,320	655	665	1,063	533	530	257	122	135	232	108	124
582-583, 587....	5,563	2,938	2,625	4,427	2,332	2,095	1,136	606	530	1,025	545	480
584-586, 588-589	123,035	63,500	59,535	101,087	52,713	48,374	21,948	10,787	11,161	20,080	9,716	10,364
590.....	3,862	1,411	2,451	3,335	1,168	2,167	527	243	284	482	224	258
600.....	2,098	2,098	...	1,868	1,868	...	230	230	...	204	204	...
630-676.....	374	...	374	201	...	201	173	...	173	152	...	152
630-638.....	67	...	67	25	...	25	42	...	42	38	...	38
640-676.....	318	...	318	179	...	179	139	...	139	121	...	121
740-759.....	17,233	9,189	8,044	14,110	7,520	6,590	3,123	1,669	1,454	2,616	1,405	1,211
760-779.....	24,392	13,796	10,596	15,838	9,069	6,769	8,554	4,727	3,827	7,926	4,394	3,532

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, 1988

(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
767-769.....	6,112	3,543	2,569	4,192	2,482	1,710	1,920	1,061	859	1,755	976	779
760-766, 770-779	23,838	13,488	10,350	15,420	8,839	6,581	8,418	4,649	3,769	7,808	4,324	3,484
780-799.....	449,661	226,606	223,055	390,166	194,594	195,572	59,495	32,012	27,483	53,645	28,682	24,963
RESIDUAL.....	608,169	295,028	313,141	526,403	251,728	274,675	81,766	43,300	38,466	73,795	38,811	34,984
E800-E949.....	158,544	96,828	61,716	135,563	81,613	53,950	22,981	15,215	7,766	19,640	12,960	6,680
EB10-E825.....	49,904	34,857	15,047	42,711	29,669	13,042	7,193	5,188	2,005	5,701	4,190	1,511
E800-E807, E826-E949.....	108,982	62,224	46,758	93,147	52,161	40,986	15,835	10,063	5,772	13,977	8,801	5,176
E950-E959.....	30,591	24,219	6,372	27,958	22,110	5,848	2,633	2,109	524	2,031	1,654	377
E960-E978.....	22,190	16,821	5,369	11,162	8,058	3,104	11,028	8,763	2,265	10,464	8,358	2,106
E980-E999.....	3,207	2,333	874	2,383	1,711	672	824	622	202	753	576	177
N800-N999.....	203,021	134,008	69,013	166,872	108,051	58,821	36,149	25,957	10,192	31,782	22,920	8,862
N800-N848.....	33,749	17,166	16,583	30,509	15,066	15,443	3,240	2,100	1,140	2,697	1,754	943
N850-N854.....	35,970	25,836	10,134	30,078	21,436	8,642	5,892	4,400	1,492	4,929	3,736	1,193
N860-N869.....	23,071	17,110	5,961	18,447	13,463	4,984	4,624	3,647	977	4,059	3,248	811
N870-N897.....	38,449	31,701	6,748	27,233	22,354	4,879	11,216	9,347	1,869	10,484	8,757	1,727

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, 1988

(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.....	4,530	3,391	1,139	3,350	2,423	927	1,180	968	212	1,073	885	188
N905-N909.....	2,947	1,704	1,243	2,522	1,402	1,120	425	302	123	378	264	114
N910-N929.....	1,846	1,266	580	1,525	1,056	469	321	210	111	272	178	94
N930-N939.....	14,516	7,939	6,577	12,232	6,610	5,622	2,284	1,329	955	2,039	1,181	858
N940-N949.....	4,301	2,843	1,458	3,154	2,102	1,052	1,147	741	406	1,079	697	382
N950-N957.....	2,072	1,550	522	1,580	1,151	429	492	399	93	437	362	75
N958-N959.....	33,261	22,885	10,376	27,444	18,657	8,787	5,817	4,228	1,589	4,874	3,581	1,293
N960-N995.....	37,319	25,738	11,581	29,618	20,442	9,176	7,701	5,296	2,405	6,697	4,592	2,105
N996-N999.....	26,641	14,581	12,060	23,243	12,816	10,427	3,398	1,765	1,633	3,040	1,559	1,481
*042-*044 ^{3/}	18,602	16,526	2,076	12,591	11,668	923	6,011	4,858	1,153	5,860	4,716	1,144

^{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, 1988

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,167,999	1,125,540	1,042,459	1,876,906	965,419	911,487	291,093	160,121	130,972	264,019	144,228	119,791
UNDER 1 YR....	38,910	22,007	16,903	25,925	14,878	11,047	12,985	7,129	5,856	11,840	6,503	5,337
01-04 YR.....	7,429	4,221	3,208	5,380	3,073	2,307	2,049	1,148	901	1,784	1,016	768
05-09 YR.....	4,357	2,574	1,783	3,193	1,889	1,304	1,164	685	479	997	592	405
10-14 YR.....	4,568	2,907	1,661	3,460	2,248	1,212	1,108	659	449	947	561	386
15-19 YR.....	16,031	11,687	4,344	12,538	9,033	3,505	3,493	2,654	839	2,998	2,312	686
20-24 YR.....	22,136	16,844	5,292	16,502	12,589	3,913	5,634	4,255	1,379	4,977	3,744	1,233
25-29 YR.....	26,809	19,653	7,156	19,510	14,485	5,025	7,299	5,168	2,131	6,606	4,677	1,929
30-34 YR.....	32,328	23,332	8,996	23,031	16,869	6,162	9,297	6,463	2,834	8,556	5,967	2,589
35-39 YR.....	36,616	25,433	11,183	26,043	18,285	7,758	10,573	7,148	3,425	9,763	6,632	3,131
40-44 YR.....	40,838	27,001	13,837	30,717	20,454	10,263	10,121	6,547	3,574	9,262	6,011	3,251
45-49 YR.....	49,684	31,597	18,087	38,143	24,324	13,819	11,541	7,273	4,268	10,481	6,641	3,840
50-54 YR.....	67,788	42,318	25,470	53,296	33,489	19,807	14,492	8,829	5,663	13,151	8,040	5,111
55-59 YR.....	105,363	65,194	40,169	86,289	53,910	32,379	19,074	11,284	7,790	17,384	10,280	7,104
60-64 YR.....	164,386	100,174	64,212	138,357	85,141	53,216	26,029	15,033	10,996	23,769	13,727	10,042
65-69 YR.....	221,504	131,931	89,573	190,770	114,474	76,296	30,734	17,457	13,277	28,084	15,850	12,234
70-74 YR.....	267,041	151,970	115,071	235,866	135,187	100,679	31,175	16,783	14,392	28,377	15,139	13,238
75-79 YR.....	302,580	158,662	143,918	269,922	142,069	127,853	32,658	16,593	16,065	29,622	14,811	14,811
80-84 YR.....	299,334	136,059	163,275	272,232	123,668	148,564	27,102	12,391	14,711	24,399	10,811	13,588
85 AND OV....	459,710	151,559	308,151	425,306	139,042	286,264	34,404	12,517	21,887	30,875	10,818	20,057
NOT STATED...	587	417	170	426	312	114	161	105	56	147	96	51

^{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, 1988

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.....	2,167,999	1,125,540	1,042,459	1,876,906	965,419	911,487	291,093	160,121	130,972	264,019	144,228	119,791
ALABAMA.....	39,127	20,626	18,501	28,541	15,004	13,537	10,586	5,622	4,964	10,520	5,591	4,929
ALASKA.....	2,064	1,303	761	1,444	926	518	620	377	243	52	32	20
ARIZONA.....	27,684	15,458	12,226	25,720	14,289	11,431	1,964	1,169	795	726	419	307
ARKANSAS.....	24,904	13,269	11,635	20,751	11,076	9,675	4,153	2,193	1,960	4,120	2,176	1,944
CALIFORNIA.....	215,485	112,634	102,851	189,176	97,751	91,425	26,309	14,883	11,426	17,246	9,525	7,721
COLORADO.....	21,350	11,080	10,270	20,449	10,603	9,846	901	477	424	714	385	329
CONNECTICUT.....	28,576	14,263	14,313	26,613	13,148	13,465	1,963	1,115	848	1,868	1,065	803
DELAWARE.....	5,769	2,958	2,811	4,819	2,437	2,382	950	521	429	933	514	419
DISTRICT OF COLUMBIA.....	7,664	4,148	3,516	1,830	895	935	5,834	3,253	2,581	5,782	3,222	2,560
FLORIDA.....	131,044	71,278	59,766	116,332	62,999	53,333	14,712	8,279	6,433	14,426	8,110	6,316
GEORGIA.....	51,627	27,330	24,297	36,937	19,523	17,414	14,690	7,807	6,883	14,571	7,742	6,829
HAWAII.....	6,075	3,594	2,481	1,897	1,125	772	4,178	2,469	1,709	52	33	19
IDAHO.....	7,701	4,186	3,515	7,585	4,121	3,464	116	65	51	20	12	8
ILLINOIS.....	105,250	53,634	51,616	88,831	44,560	44,271	16,419	9,074	7,345	15,880	8,767	7,113
INDIANA.....	50,037	25,566	24,471	46,214	23,476	22,738	3,823	2,090	1,733	3,763	2,055	1,708
IOWA.....	27,869	14,020	13,849	27,526	13,835	13,691	343	185	158	284	152	132
KANSAS.....	22,992	11,515	11,477	21,766	10,863	10,903	1,226	652	574	1,123	595	528
KENTUCKY.....	35,616	18,740	16,876	32,872	17,327	15,545	2,744	1,413	1,331	2,681	1,380	1,301
LOUISIANA.....	37,601	19,814	17,787	25,688	13,475	12,213	11,913	6,339	5,574	11,793	6,266	5,527
MAINE.....	11,519	5,782	5,737	11,471	5,757	5,714	48	25	23	14	7	7
MARYLAND.....	38,655	19,880	18,775	29,409	14,716	14,693	9,246	5,164	4,082	8,996	5,025	3,971
MASSACHUSETTS.....	56,483	27,331	29,152	54,311	26,132	28,179	2,172	1,199	973	1,917	1,047	870

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, 1988 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MICHIGAN.....	80,147	41,505	38,642	68,284	34,994	33,290	11,863	6,511	5,352	11,580	6,356	5,224
MINNESOTA.....	35,447	18,026	17,421	34,691	17,580	17,111	756	446	310	428	235	193
MISSISSIPPI.....	24,834	13,261	11,573	16,118	8,592	7,526	8,716	4,669	4,047	8,633	4,622	4,011
MISSOURI.....	50,840	26,041	24,799	45,571	23,207	22,364	5,269	2,834	2,435	5,187	2,785	2,402
MONTANA.....	6,781	3,537	3,244	6,415	3,322	3,093	366	215	151	10	7	3
NEBRASKA.....	14,872	7,505	7,367	14,369	7,254	7,115	503	251	252	397	198	199
NEVADA.....	8,474	4,930	3,544	7,816	4,555	3,261	658	375	283	446	263	183
NEW HAMPSHIRE.....	8,770	4,326	4,444	8,740	4,312	4,428	30	14	16	22	10	12
NEW JERSEY.....	73,413	37,385	36,028	63,936	32,066	31,870	9,477	5,319	4,158	9,028	5,067	3,961
NEW MEXICO.....	10,425	5,780	4,645	9,495	5,210	4,285	930	570	360	185	100	85
NEW YORK.....	176,315	89,438	86,877	149,274	74,188	75,086	27,041	15,250	11,791	25,393	14,224	11,169
NORTH CAROLINA.....	57,641	30,570	27,071	43,514	22,827	20,687	14,127	7,743	6,384	13,627	7,445	6,182
NORTH DAKOTA.....	5,664	3,089	2,575	5,478	2,974	2,504	186	115	71	2	2	-
OHIO.....	100,127	50,525	49,602	89,409	44,725	44,684	10,718	5,800	4,918	10,545	5,697	4,848
OKLAHOMA.....	30,032	15,533	14,499	27,005	13,935	13,070	3,027	1,598	1,429	1,928	1,013	915
OREGON.....	24,810	12,823	11,987	24,101	12,415	11,686	709	408	301	352	214	138
PENNSYLVANIA.....	126,028	63,627	62,401	113,838	57,075	56,763	12,190	6,552	5,638	11,942	6,406	5,536
RHODE ISLAND.....	9,723	4,777	4,946	9,394	4,590	4,804	329	187	142	282	162	120
SOUTH CAROLINA.....	29,428	15,520	13,908	19,970	10,470	9,500	9,458	5,050	4,408	9,417	5,023	4,394
SOUTH DAKOTA.....	6,579	3,487	3,092	6,170	3,241	2,929	409	246	163	6	5	1
TENNESSEE.....	45,775	24,086	21,689	38,201	20,100	18,101	7,574	3,986	3,588	7,522	3,952	3,570
TEXAS.....	122,874	65,864	57,010	106,381	56,851	49,530	16,493	9,013	7,480	15,987	8,732	7,255
UTAH.....	9,224	4,849	4,375	9,022	4,744	4,278	202	105	97	54	29	25
VERMONT.....	4,666	2,326	2,340	4,651	2,318	2,333	15	8	7	8	2	6

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1988

(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.....	2,171,196	200,910	191,855	198,316	176,524	177,020	168,310	172,450	171,714	166,445	179,724	175,460	192,468
ALABAMA.....	38,954	3,587	3,692	3,608	3,068	3,156	3,049	2,996	3,031	3,056	3,251	3,026	3,434
ALASKA.....	2,039	162	149	162	146	178	165	198	205	187	175	151	161
ARIZONA.....	28,449	2,786	2,706	2,644	2,310	2,256	2,166	2,183	2,149	2,047	2,188	2,365	2,649
ARKANSAS.....	24,790	2,303	2,439	2,332	1,988	1,988	1,890	1,903	1,874	1,923	2,016	2,003	2,131
CALIFORNIA.....	216,352	20,505	20,256	19,322	17,313	17,482	16,608	17,216	16,726	16,613	17,235	17,113	19,963
COLORADO.....	21,735	2,201	1,847	1,932	1,742	1,804	1,676	1,755	1,647	1,732	1,794	1,708	1,897
CONNECTICUT.....	28,725	2,642	2,382	2,635	2,422	2,283	2,251	2,268	2,455	2,100	2,541	2,283	2,463
DELAWARE.....	5,889	519	499	513	462	483	451	500	471	450	500	493	548
DISTRICT OF COLUMBIA.....	9,589	830	825	863	748	735	736	829	786	753	817	851	816
FLORIDA.....	132,194	12,182	12,283	12,977	11,079	10,817	9,940	10,218	10,080	9,826	10,538	10,408	11,846
GEORGIA.....	52,217	4,909	4,704	4,796	4,223	4,179	4,020	3,994	4,068	3,975	4,251	4,151	4,947
HAWAII.....	6,322	571	529	535	520	498	473	556	511	553	535	489	552
IDAHO.....	7,419	672	600	641	581	613	556	667	602	607	672	606	602
ILLINOIS.....	102,336	9,259	8,951	9,075	8,280	8,634	7,983	8,088	8,295	8,054	8,557	8,398	8,762
INDIANA.....	50,727	4,675	4,456	4,609	4,146	4,294	3,884	4,018	4,058	3,934	4,140	4,140	4,373
IOWA.....	27,583	2,648	2,438	2,500	2,226	2,255	2,090	2,155	2,197	2,040	2,287	2,310	2,437
KANSAS.....	22,371	2,121	2,069	2,163	1,846	1,715	1,735	1,714	1,679	1,661	1,924	1,803	1,941
KENTUCKY.....	34,976	3,340	3,235	3,093	2,899	2,982	2,739	2,640	2,724	2,598	2,932	2,746	3,048
LOUISIANA.....	37,874	3,773	3,404	3,278	3,033	3,050	2,866	3,000	2,963	2,872	3,080	3,082	3,473
MAINE.....	11,524	1,057	1,004	1,041	972	907	905	938	928	918	954	921	979
MARYLAND.....	38,014	3,436	3,470	3,518	3,134	3,091	2,962	2,993	2,995	2,900	3,142	3,115	3,258
MASSACHUSETTS.....	57,024	5,060	4,843	5,256	4,673	4,579	4,608	4,529	4,656	4,353	4,789	4,630	5,048
MICHIGAN.....	78,913	6,780	6,672	7,109	6,531	6,648	6,291	6,619	6,534	6,110	6,542	6,360	6,717

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1988

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
MINNESOTA.....	35,637	3,365	3,160	3,132	2,883	2,895	2,684	2,810	2,848	2,705	3,013	3,011	3,131
MISSISSIPPI.....	23,990	2,247	2,198	2,204	1,872	1,990	1,864	1,833	1,900	1,845	1,974	1,908	2,155
MISSOURI.....	52,265	5,163	4,746	4,571	4,324	4,206	4,094	4,008	4,011	3,983	4,316	4,327	4,516
MONTANA.....	6,722	608	533	610	548	550	508	576	552	548	567	526	596
NEBRASKA.....	15,093	1,435	1,397	1,404	1,169	1,213	1,231	1,186	1,149	1,197	1,239	1,166	1,307
NEVADA.....	9,101	806	791	779	796	784	724	684	717	697	756	767	800
NEW HAMPSHIRE.....	8,624	733	747	837	686	657	692	644	810	670	717	665	766
NEW JERSEY.....	71,694	6,760	5,991	6,543	5,730	5,711	5,601	5,676	5,680	5,623	6,157	5,815	6,407
NEW MEXICO.....	10,399	916	927	938	782	890	809	825	795	812	922	872	911
NEW YORK.....	175,122	15,807	14,509	16,202	14,409	14,288	13,593	14,161	14,494	13,460	14,634	14,131	15,434
NORTH CAROLINA.....	57,988	5,137	4,964	5,550	4,552	4,698	4,370	4,576	4,548	4,520	4,904	4,911	5,258
NORTH DAKOTA.....	6,041	531	523	508	501	531	487	495	442	442	524	534	523
OHIO.....	99,892	8,962	8,252	9,150	8,218	8,257	7,913	7,981	7,928	7,823	8,534	8,073	8,801
OKLAHOMA.....	29,041	2,715	2,770	2,751	2,308	2,366	2,191	2,214	2,216	2,171	2,409	2,319	2,611
OREGON.....	24,964	2,293	2,129	2,216	2,044	2,024	2,026	1,991	2,086	1,896	2,015	1,948	2,296
PENNSYLVANIA.....	126,770	11,578	10,431	12,161	10,457	10,226	9,763	10,391	10,014	9,668	10,682	10,411	10,988
RHODE ISLAND.....	9,945	941	882	848	865	799	790	801	786	721	801	844	867
SOUTH CAROLINA.....	28,473	2,534	2,666	2,593	2,234	2,354	2,136	2,235	2,193	2,207	2,433	2,317	2,571
SOUTH DAKOTA.....	6,614	661	598	563	512	535	500	567	479	492	531	563	613
TENNESSEE.....	48,761	4,485	4,340	4,491	3,982	4,007	3,707	3,800	3,787	3,632	4,080	4,019	4,431
TEXAS.....	124,329	12,045	11,637	11,058	9,999	9,936	9,538	9,796	9,917	9,540	9,878	9,822	11,163
UTAH.....	9,594	925	825	818	745	801	779	790	764	778	739	768	862
VERMONT.....	4,798	406	386	406	394	412	368	390	423	364	458	390	401
VIRGINIA.....	46,903	4,215	4,085	4,367	3,877	3,838	3,591	3,685	3,575	3,596	3,999	3,874	4,201
WASHINGTON.....	36,423	3,510	3,246	3,153	2,988	2,982	2,902	2,982	2,845	2,835	2,942	2,913	3,125

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1988

(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.....	19,841	1,737	1,670	1,919	1,698	1,645	1,569	1,558	1,452	1,488	1,690	1,655	1,760
WISCONSIN.....	43,106	4,086	3,725	3,671	3,363	3,575	3,590	3,559	3,412	3,242	3,692	3,532	3,659
WYOMING.....	3,050	291	274	271	246	223	246	259	257	228	258	227	270

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	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)

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

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

282 Recode	S T	Limited Sex	Len- gth	Cause Title And ICD-9 Codes Included
05300	1	066		Malignant neoplasms of digestive organs and peritoneum (150-159)
05400		022		Of esophagus (150)
05500		020		Of stomach (151)
05600		048		Of small intestine, including duodenum (152)
05700	1	018		Of colon (153)
05800		075		Hepatic and splenic flexures and transverse colon (153.0-153.1,153.7)
05900		030		Descending colon (153.2)
06000		027		Sigmoid colon (153.3)
06100		056		Cecum, appendix, and ascending colon (153.4-153.6)
06200		048		Other and colon, unspecified (153.8-153.9)
06300		052		Of rectum, rectosigmoid junction, and anus (154)
06400	1	046		Of liver and intrahepatic bile ducts (155)
06500		028		Liver, primary (155.0)
06600		037		Intrahepatic bile ducts (155.1)
06700		058		Liver, not specified as primary or secondary (155.2)
06800		052		Of gallbladder and extrahepatic bile ducts (156)
06900		021		Of pancreas (157)
07000		120		Of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)
07100	1	071		Malignant neoplasms of respiratory and intrathoracic organs (160-165)
07200		019		Of larynx (161)
07300		040		Of trachea, bronchus, and lung (162)
07400		107		Of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)
07500	1	076		Malignant neoplasms of bone, connective tissue, skin, and breast (170-175)
07600		041		Of bone and articular cartilage (170)
07700		045		Of connective and other soft tissue (171)
07800		026		Melanoma of skin (172)
07900		043		Other malignant neoplasms of skin (173)
08000	2	026		Of female breast (174)
08100	1	024		Of male breast (175)
08200	1	049		Malignant neoplasms of genital organs (179-187)
08300	2	025		Of cervix uteri (180)
08400	2	042		Of other parts of uterus (179,181-182)
08500	2	043		Of ovary and other uterine adnexa (183)
08600	2	056		Of other and unspecified female genital organs (184)
08700	1	021		Of prostate (185)
08800	1	019		Of testis (186)
08900	1	048		Of penis and other male genital organs (187)
09000	1	049		Malignant neoplasms of urinary organs (188-189)
09100		020		Of bladder (188)
09200		060		Of kidney and other and unspecified urinary organs (189)
09300	1	062		Malignant neoplasms of other and unspecified sites (190-199)
09400		016		Of eye (190)
09500		018		Of brain (191)
09600		058		Of other and unspecified parts of nervous system (192)
09700		080		Of thyroid gland and other endocrine glands and related structures (193-194)
09800		048		Of all other and unspecified sites (195-199)
09900	1	070		Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)
10000		043		Lymphosarcoma and reticulosarcoma (200)
10100		027		Hodgkin's disease (201)
10200		070		Other malignant neoplasms of lymphoid and histiocytic tissue (202)

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

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

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

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 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	1 053	Rheumatic fever and rheumatic heart disease (390-398)
16200	033	Acute rheumatic fever (390-392)
16300	1 043	Chronic rheumatic heart disease (393-398)
16400	034	Diseases of mitral valve (394)
16500	034	Diseases of aortic valve (395)
16600	046	Diseases of mitral and aortic valves (396)
16700	059	All other chronic rheumatic heart disease (393,397-398)
16800	1 030	Hypertensive disease (401-404)
16900	030	Essential hypertension (401)
17000	034	Hypertensive heart disease (402)
17100	034	Hypertensive renal disease (403)
17200	044	Hypertensive heart and renal disease (404)
17300	1 032	Ischemic heart disease (410-414)
17400	035	Acute myocardial infarction (410)
17500	064	Other acute and subacute forms of ischemic heart disease (411)
17600	023	Angina pectoris (413)
17700	087	Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
17800	043	Diseases of pulmonary circulation (415-417)
17900	1 038	Other forms of heart disease (420-429)
18000	039	Acute and subacute endocarditis (421)
18100	088	Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)
18200	1 037	Other diseases of endocardium (424)
18300	034	Mitral valve disorders (424.0)
18400	034	Aortic valve disorders (424.1)
18500	051	All other diseases of endocardium (424.2-424.9)
18600	021	Heart failure (428)
18700	068	Myocarditis, unspecified and myocardial degeneration (429.0-429.1)
18800	072	All other and ill-defined forms of heart disease (425-427,429.2-429.9)
18900	1 034	Cerebrovascular diseases (430-438)
19000	031	Subarachnoid hemorrhage (430)
19100	059	Intracerebral and other intracranial hemorrhage (431-432)
19200	054	Occlusion and stenosis of precerebral arteries (433)
19300	082	Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)
19400	027	Cerebral embolism (434.1)
19500	053	Acute but ill-defined cerebrovascular disease (436)
19600	066	Other and late effects of cerebrovascular diseases (435,437-438)
19700	1 059	Diseases of arteries, arterioles, and capillaries (440-448)
19800	023	Atherosclerosis (440)
19900	023	Aortic aneurysm (441)
20000	071	All other diseases of arteries, arterioles, and capillaries (442-448)
20100	1 084	Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)
20200	075	Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)
20300	095	Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)

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

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

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

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

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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					049 Homicide and legal intervention (E960-E978)
840					037 All other external causes (E980-E999)

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

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

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

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

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)

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

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

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

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

TITLES FOR BUSINESS OR INDUSTRY RECODE 51

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

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

TITLES FOR BUSINESS OR INDUSTRY RECODE 15

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

TITLES FOR USUAL OCCUPATION RECODE 59

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

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

TITLES FOR USUAL OCCUPATION RECODE 09

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

1988 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1987, VOLUME II, MORTALITY, PART A

To assist the users of the mortality public-use data tapes, attached is a copy of the "Technical Appendix" of the Vital Statistics of the United States, 1987, Volume II, Mortality, Part A. This technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data on those tapes. Certain modifications to the attached technical appendix are essential to make it applicable to the mortality file for the 1988 data year. Those modifications, which will appear in the printed version of the 1988 technical appendix, include the following:

I. Source of data

In 1988, all the States, the District of Columbia, and Puerto Rico were included in the VSCP.

State coded medical data:

For 1988, of the States in the VSCP, the following 22 submitted precoded medical data for all death certificates on computer tape: California, Colorado, Florida, Iowa, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Nebraska, New Hampshire, New York (excluding New York City), North Carolina, Pennsylvania, South Carolina, Texas, Vermont, Virginia, and Wisconsin. In addition, NCHS contracted with Colorado, Kansas, Mississippi, and Wisconsin to precode medical data for all deaths on computer tape for the following five states: Alaska, Delaware, Idaho, North Dakota and Wyoming. Vermont subcontracted with Pennsylvania for the coding of their medical data.

The remaining 23 VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data: Alabama, Arizona, Arkansas, Connecticut, Georgia, Hawaii, Illinois, Indiana, Kentucky, Missouri, Montana, Nevada, New Jersey, New Mexico, Ohio, Oklahoma, Oregon, Rhode Island, South Dakota, Tennessee, Utah, and West Virginia.

All States submitted precoded demographic data for all death certificates on computer tape in 1988.

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

II. Classification of data

A. Hispanic origin.

Mortality statistics for the Hispanic-origin population for 1988 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. For 1988, data were obtained from the District of Columbia and the following 29 States: Alabama, Arizona, Arkansas, California, Colorado, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Mississippi, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Rhode Island, Tennessee, Texas, Utah, Washington, and Wyoming. The first year for which Hispanic mortality data appeared on the mortality public-use data tapes was 1984.

For 1988, mortality data published in Vital Statistics of the United States (VSUS) tables 1-34 and 2-18 are based on deaths to residents of all 29 reporting States and the District of Columbia.

In tables 1-35, 1-40, and 1-41, mortality data for the Hispanic-origin population are based on deaths to residents of 26 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 26 States are as follows: Alabama, Arizona, Arkansas, California, Colorado, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Mississippi, Montana, Nebraska, New Jersey, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Rhode Island, Texas, Utah, Washington, and Wyoming. Excluded from these tables are data for New Mexico because the format for the Hispanic item on the New Mexico death certificate departs sufficiently from that of other areas to result in noncomparable data. In addition, in tables 1-33 and 2-18 for New Mexico, no deaths are shown for the category "not stated" origin. Because of the way in which the item on the death certification for New Mexico is worded, it was not possible to determine whether a blank entry represented a response of "non-Hispanic origin" or of "unknown origin." Accordingly, blank entries were coded to "non-Hispanic." Data for two other States--Nevada and Tennessee--are excluded

from tables 1-35, 1-40, and 1-41 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 2-19, 2-20, 2-21, and 2-22 the reporting area is based on deaths to residents of 23 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 23 States are as follows: Alabama, Arizona, Arkansas, California, Colorado, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Maine, Mississippi, Montana, Nebraska, New Jersey, New York (including New York City), North Carolina, North Dakota, Ohio, Texas, Utah, and Washington. Data for New Mexico, Nevada and Tennessee were excluded for the reasons stated above. Oregon and Rhode Island were excluded because their live birth certificates did not include an item to identify Hispanic or ethnic origin. Wyoming was excluded because of the large proportion of live births (in excess of 10 percent) for which Hispanic origin was not stated or was unknown.

Infant mortality rates for Hispanic-origin population published in VSUS, 1988 are based on numbers of resident infant deaths reported as Hispanic-origin and numbers of resident live births by Hispanic origin of mother for the 23 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 for 1988 the percent of infant deaths of unknown origin was 6.7 percent and the percent of live births of unknown origin was 2.8 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be somewhat underestimated.

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

In 1980, the 26 reporting States and the District of Columbia accounted for about 82 percent of the Hispanic population in the United States, including about 91 percent of the Mexican population, 79 percent of the Puerto Rican population, 35 percent of the Cuban

population, and 72 percent of the "Other Hispanic" population.^{1/} The 23 reporting States and the District of Columbia accounted for about 81 percent of the Hispanic population, including about 90 percent of the Mexican population, 79 percent of the Puerto Rican population, 35 percent of the Cuban population, and 71 percent of the "Other Hispanic" population. Accordingly, caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Cubans) of the entire U.S.

B. Occupation and industry.

Deaths by occupation and industry are included on the 1988 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:

Item 14a) Usual Occupation (give kind of work done during most of working life, even if retired)

Item 14b) Kind of Business or Industry

The occupation and industry mortality data were provided to NCHS by the following 22 reporting States:

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

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

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

Also, a special cause-of-death list was created including possible occupationally-related causes of death. This list is the List of 52 selected causes shown elsewhere in this documentation.

The 1988 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1988.

III. Population bases for computing rates:

The Population used for computing rates shown in this report (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. Death rates for 1988 are based on populations estimated as of July 1, 1988.^{4,5/} The estimates are based on the 1980 census count. The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. The modification procedures are discussed in detail in a Census Bureau report.^{6/}

Population estimates used to compute death rates for 1984-88 incorporate new estimation procedures for net migration and net undocumented immigration. Death rates for 1988 are comparable with those for 1984, 1985, 1986, and 1987 but are not strictly comparable with those of previous years. For additional detail, see the Technical Appendix in Vital Statistics of the United States, 1984 (VSUS) and the report of the U.S. Bureau of the Census.^{7/}

References

1. U.S. Bureau of the Census: Persons of Spanish origin by State 1980. 1980 Census of Population. Supplementary Report, PC80-S1-7. Washington: U.S. Department of Commerce. 1982.
2. National Center for Health Statistics: Industry and occupation coding for death certificates, 1987. NCHS Instruction Manual, Part 19. Public Health Service. Hyattsville, Md., Jul. 1987
3. U.S. Bureau of the Census: Classified index of industries and occupations. 1980 Census of Population. Washington: U.S. Department of Commerce. 1982.
4. U.S. Bureau of the Census: United States Population estimates, by age, sex, and race: 1980 to 1988. Current Population Reports. Series P-25, No. 1045. Washington: U.S. Department of Commerce. 1990.
5. U.S. Bureau of the Census: State population and household estimates, with age, sex, and components of change: 1981-88. Current Population Reports. Series P-25, No. 1044. Washington: U.S. Department of Commerce. 1989.
6. U.S. Bureau of the Census: Preliminary estimates of the population of the United States, by age, sex, and race: 1970 to 1981. Current Population Reports. Series P-25, No. 917. Washington: U.S. Department of Commerce. 1982.
7. U.S. Bureau of the Census: Estimates of the population of the United States, by age, sex, and race: 1980 to 1984. Current Population Reports. Series P-25. No. 965. Washington: U.S. Department of Commerce. 1985.

SOURCES OF DATA

Death and fetal-death statistics

Mortality statistics for 1987 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
1972	Massachusetts
Maine	New York City
Missouri	Ohio
New Hampshire	Puerto Rico
Rhode Island	
Vermont	1978
1973	Indiana
Colorado	Utah
Michigan	Washington
New York (except New York City)	
1974	1979
Illinois	Connecticut
Iowa	Hawaii
Kansas	Mississippi
Montana	New Jersey
Nebraska	Pennsylvania
Oregon	Wyoming
South Carolina	
1975	1980
Louisiana	Arkansas
Maryland	New Mexico
North Carolina	South Dakota
Oklahoma	
Tennessee	1982
Virginia	North Dakota
Wisconsin	
1976	1985
Alabama	Arizona
Kentucky	California
Minnesota	Delaware
Nevada	Georgia
Texas	District of Columbia
West Virginia	

For the Virgin Islands and Guam mortality statistics for 1987 are based on information obtained directly by NCHS

from copies of the original certificates received from the registration offices.

In 1974, States began coding medical (cause-of-death) data on computer tapes according to NCHS specifications. The year in which State-coded medical data were first transmitted to NCHS is shown below for the 22 States now furnishing such data.

1974	1981
Iowa	Maine
Michigan	
	1983
1975	Minnesota
Louisiana	
Nebraska	1984
North Carolina	Maryland
Virginia	New York State (except
Wisconsin	New York City)
	Vermont
1980	
Colorado	1986
Kansas	California
Massachusetts	Florida
Mississippi	Texas
New Hampshire	
Pennsylvania	
South Carolina	

For 1987 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with medical data coded according to NCHS specifications. For 1981 and 1982, 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 1987. 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 January 1, 1978. 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. The certificate of death shown in figure 7-A is for use by a physician, a medical examiner, or a coroner. Two other forms of the U.S. Standard Certificate of Death are available; they are similar to the one shown except that the section on certification is designed for the physician's signature on one, and for the medical examiner's or coroner's signature on the other.

Among the changes in the new revision were the additions of (1) an item asking "If Hosp. or Inst., Indicate DOA, OP/Emer. Rm., Inpatient" and (2) an item asking "Was Decedent Ever in U.S. Armed Forces?" The latter item was previously on the certificate but was deleted from 1968 through 1977. An item on whether autopsy findings were considered for determining cause of death was dropped.

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 nonregis-

FIGURE 7-A.

PHYSICIAN, MEDICAL EXAMINER OR CORONER
U.S. STANDARD
CERTIFICATE OF DEATH

Form Approved
OMB No. 58R-1901

LOCAL FILE NUMBER

TYPE OR PRINT IN PERMANENT INK FOR INSTRUCTIONS SEE HANDBOOK	DECEDENT - NAME		SEX	STATE	DATE OF DEATH
	1	FIRST MIDDLE LAST	2	3	4
IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEMS	RACE (e.g. White, Black, American Indian, etc.) (Specify)		AGE - Last Birthday (1979)	UNDER 1 YEAR	UNDER 1 DAY
	5a	5b	5c	6	7a
DECEASED	CITY, TOWN OR LOCATION OF DEATH		HOSPITAL OR OTHER INSTITUTION - Name (If in institution, give institution number)		WAS DECEASED IN ARMED FORCES SERVICE?
	7b	7c	7d		7e
PARENTS	STATE OF BIRTH (If not in U.S., name country)		CITIZEN OF WHAT COUNTRY	MARRIED NEVER MARRIED	WIDOWED DIVORCED (Specify)
	8	9	10	11	12
DISPOSITION	SOCIAL SECURITY NUMBER		USUAL OCCUPATION (Give kind of work done during period preceding the month of death)		WIND OF BUSINESS OR INDUSTRY
	13	14a	14b		14c
CERTIFIER	RESIDENCE - STATE		COUNTY	CITY, TOWN OR LOCATION	STREET AND NUMBER
	15a	15b	15c	15d	
CAUSE OF DEATH	FATHER - NAME		MOTHER - MAIDEN NAME		
	16	FIRST MIDDLE LAST	17		
REGISTRAR	INFORMANT - NAME (Type or Print)		MAILING ADDRESS		
	18a	18b		18c	
CAUSE OF DEATH	BURIAL, CREMATION, REMOVAL, OTHER (Specify)		CEMETERY OR CREMATORY NAME		LOCATION
	19a	19b		19c	
CAUSE OF DEATH	FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature)		NAME OF FACILITY		ADDRESS OF FACILITY
	20a	20b		20c	
CAUSE OF DEATH	21a To the best of my knowledge death occurred at the time, date and place and due to the cause(s) stated (Signature and Title)		21b DATE SIGNED (Mo., Day, Year)		21c HOUR OF DEATH
	21d NAME OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (Type or Print)		21e M		21f
CAUSE OF DEATH	22a On the basis of examination and/or investigation on the date and place and due to the cause(s) stated (Signature and Title)		22b DATE SIGNED (Mo., Day, Year)		22c HOUR OF DEATH
	22d NAME AND ADDRESS OF CERTIFIER (PHYSICIAN, MEDICAL EXAMINER OR CORONER) (Type or Print)		22e M		22f
CAUSE OF DEATH	23 REGISTRAR		DATE RECEIVED BY REGISTRAR		
	24a (Signature)		24b		
CAUSE OF DEATH	25 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR Iai, Ibi, AND Ici)				
	PART I				
CAUSE OF DEATH	Iai DUE TO, OR AS A CONSEQUENCE OF				
	Ibi DUE TO, OR AS A CONSEQUENCE OF				
CAUSE OF DEATH	Ici				
	PART II OTHER SIGNIFICANT CONDITIONS - Conditions contributing to death but not related to cause given in PART I (a)				
CAUSE OF DEATH	ACC. SUICIDE, HOMICIDE, UNDET. OR PENDING INVEST. (Specify)		DATE OF INJURY (Mo., Day, Year)	HOUR OF INJURY	DESCRIBE HOW INJURY OCCURRED
	26a	26b	26c	26d	26e
CAUSE OF DEATH	INJURY AT WORK (Specify type of work)		PLACE OF INJURY (At home, farm, street, factory, office, building, etc.)	LOCATION	STREET OR ROUTE
	27a	27b	27c	27d	27e

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tration 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 1957 are set forth in two NCHS instruction manuals (1,2).

A discussion of the classification of certain important items is presented below.

SECTION 7 — TECHNICAL APPENDIX — PAGE 4

FIGURE 7-B.

Form Approved
OMB No. 68R 1901

U S STANDARD
REPORT OF FETAL DEATH

STATE FILE NUMBER

TYPE TO PRINT
PERMANENT INK
SEE HANDBOOK FOR INSTRUCTIONS

1a HOSPITAL NAME (If not in hospital give street and number)		1b CITY TOWN OR LOCATION OF DELIVERY		1c COUNTY OF DELIVERY	
2a DATE OF DELIVERY (Month Day Year)		2b HOUR OF DELIVERY		3 SEX OF FETUS	
4a MOTHER - MAIDEN NAME		4b AGE at time of the delivery		5a RESIDENCE - STATE	
5b CITY TOWN OR LOCATION		5c STREET AND NUMBER		5d INSIDE CITY LIMITS (specify zip or zip 4)	
6a RACE (Is g. Wh. Is Black American Indian, etc.) (Specify)		6b EDUCATION (Specify only highest grade completed) (Elementary or Secondary (10-12) College (11 A or 5+))		6c DATE LAST NORMAL MENSTRUATION BEGAN (Month Day Year)	
7 MONTH OF PREGNANCY PRENATAL CARE BEGAN (First second, etc.) (Specify)		8 PRENATAL VISITS - Total number (if none no state)		9 THIS BIRTH - Single, twin, triplet, etc. (Specify)	
10a FATHER - NAME		10b AGE at time of the delivery		10c RACE (Is g. Wh. Is Black American Indian, etc.) (Specify)	
11a LIVE BIRTHS (Specify sex of fetus)		11b OTHER TERMINATIONS (Specify sex of fetus)		11c DATE OF LAST LIVE BIRTH (Month Year)	
12a FATHER - NAME		12b AGE at time of the delivery		12c RACE (Is g. Wh. Is Black American Indian, etc.) (Specify)	

MOTHER

FATHER

CAUSE OF FETAL DEATH

15 PART I IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c))		Specify Fetal or Maternal	
(a) Fetal or maternal condition directly causing fetal death		Specify Fetal or Maternal	
(b) Fetal and/or maternal conditions, if any giving rise to the immediate cause (a), listing the underlying cause last		Specify Fetal or Maternal	
(c) DUE TO, OR AS A CONSEQUENCE OF		Specify Fetal or Maternal	
16 PART II OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER (Conditions contributing to fetal death but not related to cause given in (a))		17 FETUS DIED BEFORE LABOR DURING LABOR OR DELIVERY, UNKNOWN (Specify)	
18 PHYSICIAN'S ESTIMATE OF GESTATION (Weeks)		19 AUTOPSY (Specify yes or no)	
20 COMPLICATIONS OF PREGNANCY (Describe on other page)		21 COMPLICATIONS OF LABOR AND OR DELIVERY (Describe on other page)	
22 CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe on other page)		23 CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe on other page)	
24 NAME OF PHYSICIAN OR ATTENDANT (Type or print)		25 NAME OF PERSON COMPLETING REPORT (Type or print)	
26 TITLE		27 TITLE	

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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 1987 this difference amounted to 3,019 deaths. Mortality statistics by place of occurrence are shown in tables 1-11, 1-19, 1-20, 1-29, 1-30, 3-1, 3-8, 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 (3).

A comparison of the results of this study of deaths with those for a previous matched record study of births (4) 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 (1,2).

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 (5). 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 (6) 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 (7).

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 (7,8).

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 1987 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 10,000 or more population, 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 1–33) 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 1987, about 0.6 percent.

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

Age

The age recorded on the death record is the age at last birthday. With respect to the computation of death rates,

the age classification used by the U.S. Bureau of the Census is 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 1987, deaths are classified by race—White, Black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate other 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 about half of all the tables the divisions are white, all other (including black), and black separately. In other tables by race, where the main purpose is to isolate the major groups, the classifications are simply white and all other.

Race not stated—For 1987 the number of death records for which race was unknown, not stated, or not classifiable was 5,650, or 0.3 percent of the total deaths. Death records with race entry not stated are assigned to a racial designation as follows: If the preceding record is coded white, the code assignment is made to white; if the code is other than white, the assignment is made to black. Before 1964 all records with race not stated were assigned to white except records of residents of New Jersey for 1962–64.

New Jersey, 1962–64—New Jersey omitted the race item from its certificates of live birth, death, and fetal death in use in the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without the race item was used for most of 1962 as well as 1963. Therefore figures by race for 1962 and 1963 exclude New Jersey. For 1964, 6.8 percent of the death records 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 were published in 1984 for the first time. They 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 were obtained from the District of Columbia and the following 22 States: Arizona, Arkansas, California, Colorado, Georgia, Hawaii, Illinois, Indiana, Kansas, Maine, Mississippi, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Dakota, Ohio, Tennessee, Texas, Utah, and Wyoming. Generally, the reporting States used items similar to one of two basic formats recommended by NCHS. The first format is open-ended to obtain the specific origin or descent of the decedent (for example, Italian, Mexican, Puerto Rican, English, and Cuban). The second format is directed specifically toward the Hispanic population and asks whether the decedent is of Spanish origin. If so, the specific origin—for example, Mexican, Puerto Rican, or Cuban—is to be indicated.

For 1987, mortality data in tables 1–34 and 2–18 are based on deaths to residents of all 22 reporting States and the District of Columbia. In tables 1–35, 1–41, 1–42, 2–19, 2–20, 2–21, and 2–22 mortality data for the Hispanic-origin population are based on deaths to residents of 18 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 18 States are as follows: Arizona, Arkansas, California, Colorado, Georgia, Hawaii, Illinois, Indiana, Kansas, Mississippi, Nebraska, New Jersey, New York (including New York City), North Dakota, Ohio, Texas, Utah, and Wyoming. Excluded from these tables are data for New Mexico because the format for the Hispanic item on the New Mexico death certificate departs sufficiently from that of other areas to result in noncomparable data. In addition, in tables 1–34 and 2–18 for New Mexico, no deaths are shown for the category “not stated” origin. Because of the way in which the item on the death certificate for New Mexico is worded, it was not possible to determine whether a blank entry represented a response of “non-Hispanic origin” or of “unknown origin.” Accordingly, blank entries were coded to “non-Hispanic.” Data for three other States—Maine, Nevada, and Tennessee—are excluded from tables 1–35, 1–41, 1–42, 2–19, 2–20, 2–21, and 2–22 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 1980, the 18 reporting States and the District of Columbia accounted for about 80 percent of the Hispanic population in the United States, including about 89 percent of the Mexican population, 78 percent of the Puerto Rican population, 34 percent of the Cuban population, and 68 percent of the “Other Hispanic” population (9). Accordingly, caution should be exercised in generalizing mortality patterns from the reporting area to the Hispanic-origin population (especially Cubans) of the entire United States. For qualifica-

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

Marital Status

Mortality statistics by marital status (table 1-32) 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 (10). 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 2,068,117 resident deaths 15 years of age and over in 1987, 10,596 certificates (0.5 percent) had marital status not stated.

Place of death and status of decedent

Mortality statistics by place of death were published in 1979 for the first time since 1958 (tables 1-29 and 1-30). 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 (table 1-29). These data were obtained from the following two items that appear on the U.S. Standard Certificate of Death:

- Item 7c. Hospital or Other Institution—Name (If not in either, give street and number)
- Item 7d. If Hosp. or Inst. Indicate DOA, OP/Emer. Rm., Inpatient (Specify)

All of the States and the District of Columbia have item 7c (or its equivalent) on the death certificate. For all States and the District of Columbia in the Vital Statistics Cooperative Program, NCHS accepts the State definition, classification, or codes for hospitals, medical centers, or other institutions.

Table 1-29 shows mortality data for the total of the following 43 States (including New York City) that have item 7d or its equivalent on their death certificates:

Alaska	Indiana
Arizona	Iowa
Arkansas	Kansas
Colorado	Kentucky
Connecticut	Louisiana
Florida	Maine
Georgia	Michigan
Hawaii	Minnesota
Idaho	Mississippi
Illinois	Missouri

Montana	Rhode Island
Nebraska	South Carolina
Nevada	South Dakota
New Hampshire	Tennessee
New Jersey	Utah
New Mexico	Vermont
New York	Virginia
North Carolina	Washington
North Dakota	West Virginia
Ohio	Wisconsin
Oregon	Wyoming
Pennsylvania	

Effective with data for 1980, the coding of place of death and status of decedent was changed. A new coding category was added: "Dead on arrival—hospital, clinic, medical center name not given." Deaths coded to this category are tabulated in table 1-29 as "Dead on arrival" and in table 1-30 as "Not in hospital or medical center." Had the 1979 coding categories been used, these deaths would have been tabulated as "Place unknown."

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 1987, deaths by month are shown in tables 1-20, 1-21, 1-24, 1-31, 2-12, 2-13, 2-14, and 3-9.

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 in this volume are shown in table 1-31 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 autopsies were performed. For 1987, autopsies were reported on 253,023 death certificates, 11.9 percent of the total (table 1-28).

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 eight of the cause-of-death categories shown in table 1-28, autopsies were reported as performed for 50 percent or more of all deaths (Meningococcal infection; Measles; Pregnancy with abortive outcome; Other complications of pregnancy, childbirth, and the puerperium; Motor vehicle accidents; Suicide; Homicide and legal intervention; and All other external causes). There were four other categories for which 40 percent or more of the death certificates reported autopsies. Autopsies were reported for only 7.6 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” (11).

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, the 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 with the 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 the National Center for Health Statistics have been classified according to the Ninth Revision of the *International Classification of Diseases (ICD-9)* (11). In addition to specifying that the classification 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 rubrics of the BTL 01 through 46 provide for the tabulation of nonviolent deaths 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 VO is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics which are a minimum 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.

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

Beginning with data for 1987, changes were made in these lists to accommodate the introduction in the United States of new category numbers *042-*044 for Human immunodeficiency virus infection. The following new categories have been incorporated into the Each-Cause List:

- Human immunodeficiency virus infection . . *042-*044
- Human immunodeficiency virus infection with specified conditions *042
 - With specified infections *042.0
 - Causing other specified infections *042.1
 - With specified malignant neoplasms *042.2
 - Acquired immunodeficiency syndrome, unspecified- *042.9
- Human immunodeficiency virus infection causing other specified conditions *043
 - Causing lymphadenopathy *043.0
 - Causing specified diseases of the central nervous system *043.1
 - Causing other disorders involving the immune mechanism *043.2
 - Causing other specified conditions *043.3
 - Acquired immunodeficiency syndrome-related complex, unspecified *043.9
- Other human immunodeficiency virus infection *044
 - Causing specified acute infections *044.0
 - Human immunodeficiency virus infection, unspecified *044.9

The following changes have been made in the List of 282 Selected Causes of Death:

- from
 - Viral diseases 045-079
 - Other viral diseases 046-049, 051-054, 057-061, 065-066, 071-079
- to
 - Viral diseases *042-*044, 045-079
 - Other viral diseases *042-*044, 046-049, 051-054, 057-061, 065-066, 071-079

The following change has been made in the List of 72 Selected Causes of Death:

- from
 - All other infectious and parasitic diseases 001-003, 005, 020-032, 037, 039-041, 046-054, 56-066, 071-088, 098-139
- to
 - All other infectious and parasitic diseases 001-003, 005, 020-032, 037, 039-041, *042-*044, 046-054, 056-066, 071-088, 098-139

The following change has been made in the List of 61 Selected Causes of Infant Death:

- from
 - Remainder of infectious and parasitic diseases 001-007, 010-032, 034-035, 037, 039-041, 080-088, 091-139
- to
 - Remainder of infectious and parasitic diseases 001-007, 010-032, 034-035, 037, 039-041, *042-*044, 080-088, 091-139

The following change has been made in the List of 34 Selected Causes of Death:

- from
 - Residual of infectious and parasitic diseases 001-009, 020-038, 098-139
- to
 - Residual of infectious and parasitic diseases 001-009, 020-041, *042-*044, 045-088, 098-139

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 classification 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 (11). For a discussion of each of the classifications used with death statistics since 1900, see Technical Appendix in *Vital Statistics of the United States, 1979*, Volume II, Mortality, Part A, Section 7, pages 9-14.

A dual coding study was undertaken between the Ninth and the Eighth Revisions to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. An initial study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (12). 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, again see the 1979 Technical Appendix.

Significant coding changes during 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 will be 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). Detailed discussion of these changes may be found in the Technical Appendix for previous volumes.

Coding in 1987—The rules and instructions used in coding the 1987 mortality medical data remained essentially the same as those used for the 1986 data except for notable changes described below. 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 the Ninth Revision of the *International Classification of Diseases* (ICD-9). Deaths classified to these categories for 1987 are shown in Tables 1-36, 1-37, 1-38, 1-39, 1-40, 1-41, 1-42, 2-22, and 2-23, and are also shown in the Each Cause List in Table 1-23. Deaths classified to category numbers *042–*044 are not shown separately in the other tables showing cause-of-death data. In the List of 282 Selected Causes of Death, deaths classified to category numbers *042–*044 are included in the category Other viral diseases; in the List of 72 Selected Causes of Death they are included in All other infectious and parasitic diseases; in the List of 61 Selected Causes of Infant Death they are included in Remainder of infectious and parasitic diseases; and, in the List of 34 Selected Causes of Death they are included in Residual of infectious and parasitic diseases.

For data years 1983–86, human immunodeficiency virus (HIV) infection, when reported on the death certificate, was assigned to the category Deficiency of cell-mediated immunity (ICD No. 279.1). Because the selection rules for underlying cause of death were developed prior to the identification of AIDS, other conditions mentioned on the death certificate and not in the category No. 279.1 were often selected as the underlying cause of death during this period. The underlying cause of death for these certificates involving HIV infection was therefore classified to a number of different categories including Deficiency of cell-mediated immunity (ICD No. 279.1), Pneumocystosis (ICD-9 No. 136.3, and Site unspecified (ICD-9 No. 173.9), under Other malignant neoplasm of skin (ICD-9 No. 173). As a consequence, cause-of-death statistics for 1987 are not strictly comparable with data for previous years. Also, the category No. 279.1 was not uniquely specific for HIV conditions. There were 1,141 death certificates which had mention of conditions coded to ICD No. 279.1 in 1983, 2,943 in 1984, 6,040 in 1985, and 10,900 in 1986. It is believed that HIV infection was involved in most of these deaths.

Also, coding rules for the conditions "dehydration" and "disseminated intravascular coagulopathy" were changed. Beginning with data year 1987, "dehydration" was considered to be a "direct sequel of" any malignant neoplasm; previously, for data years 1981–86, dehydration was considered to be a "direct sequel of" only certain specified malignant neoplasms. In addition, effective with data year 1985 for NCHS and with data year 1986 for those States that provide coded medical data to NCHS, "disseminated intravascular coagulopathy" was changed to be considered a "direct sequel of" surgery. As a result, trends in deaths due to Volume depletion (ICD-9 No. 276.5) and Defibrination syndrome (ICD-9 No. 286.6), respectively, are affected.

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 (13), 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 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 1987, 1.5 percent of all reported deaths in the United States were assigned to ill-defined or unknown causes, about the same as in 1986. However, in 1987 this percentage varied among the States, from 0.5 percent to 4.4 percent. While the percent for the United States for all ages combined has generally remained stable since 1979, declines have occurred for persons in age groups 55–64 years and 65–74 years, while increases have occurred for persons in age groups 25–34 years and 35–44 years. There has been no clear pattern of change in the percent of deaths assigned to Symptoms, signs, and ill-defined conditions for the other age groups for the United States as a whole.

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 to select the underlying cause of death. The system is called "Automated Classification of Medical Entities" (ACME).

The ACME system applies the same rules for selecting the underlying cause as 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 1987, these tables were amended to incorporate the new categories for Human immunodeficiency virus infection (*042-*044) and to reflect the relationships between HIV infection and other diseases. They were also amended to incorporate the relationship that dehydration is considered as a "direct sequel of" malignant neoplasms. 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 (14,15,16).

Cause-of-death ranking—Cause-of-death ranking (except for infants) is based on 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 are not ranked from the List of 72 Selected Causes of Death; and Certain conditions originating in the perinatal period and Symptoms, signs, and ill-defined conditions are not ranked from the List of 61 Selected Causes of Infant Death. 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, the World Health Organization (1977, p. 764) 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 category title "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 which 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 from 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.

Infant deaths

Age—An 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, and 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; and environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the post-neonatal 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 of the risk of dying in infancy because some of the live births will not have been exposed to a full year's risk of dying and some of the infants that die during a year will have been born in the previous year. The error introduced into the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (17,18). 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 (19,20).

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 markedly moving up or down.

In addition, 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 (20).

Race—Infant mortality rates for specified races other than white or black may be underestimated, based on results of studies in which race on the birth and death certificates for the same infant were compared (21). The figures should be interpreted with caution because of possible inconsistencies in reporting of race between the numerator and denominator of the rates. This reflects differences in the nature of reporting and processing race on these two vital records. On the birth certificate, race of parents is reported by the mother at the time of delivery. On the death certificate,

race of the deceased infant is reported by the funeral director based on observation or on information supplied by an informant, such as a parent. With respect to processing, race of infant at birth is coded using coding rules that take account of the race of each parent (see the Technical Appendix in *Vital Statistics of the United States, 1987*, Volume I, Natality, section entitled "Race or national origin"). For infant deaths, the race of child is coded directly from the race reported on the death certificate.

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 18 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 for 1987 the percent of infant deaths of unknown origin was 8.0 percent and the percent of live births of unknown origin was 2.9 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be somewhat underestimated.

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.")

Fetal deaths

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

Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (22).

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

Shortly thereafter, this definition of fetal death was adopted by the National Center for Health Statistics as the nationally recommended standard. Currently all registration areas except Puerto Rico have definitions similar to the standard definition (23). Puerto Rico has no formal definition.

As another step toward increasing the comparability of data on fetal deaths for different countries, the World Health Organization recommended that for statistical purposes fetal

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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 3-13, group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more gestation.

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, and 1968. In 1978 the Standard Certificate of Fetal Death was replaced by the Standard Report of Fetal Death (figure 7-B).

The 1977 revision of the *Model State Vital Statistics Act and Model State Vital Statistics Regulations* (24) recommended that spontaneous fetal deaths of 20 weeks or more gestation, 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 and 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 fetal deaths of gestations of 20 weeks or more. Table A 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 (25).

Underreporting of fetal deaths is more 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 of 20-23 weeks of gestation may be more complete for those States that report fetal deaths of all periods of gestation.

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 of not-stated gestation for

those States requiring reporting at 20 weeks or more only. Beginning with 1969, fetal deaths of not-stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birth weight of 500 grams or more. In 1987 this rule was applied to the following States: Colorado, Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year there are some exceptions to this procedure.

The data in table 3-3 include only fetal deaths to residents of selected areas in the United States that reported all periods of gestation. The areas are Colorado, Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia; excluded are fetal deaths to residents of Maine.

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 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 aged 20 to 27 weeks during 1981-83 were not comparable between Arkansas and other reporting areas nor with data for 1984-87. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

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 of less than 20 weeks' gestation are reported on the Report of Abortion, and, therefore, are excluded from fetal death counts in this volume.

Missouri—Beginning in 1984, Missouri changed its reporting requirements for spontaneous fetal deaths from "after 20 weeks" to "after 20 weeks or a weight of 350 grams or more."

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

Period of gestation—The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period and the date of delivery. The first day of the last normal menstrual period (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 the calculated gestation falls beyond a duration considered biologically plausible, "gestation in weeks" or "Physician's estimate of gestation" is used. When

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Table A. Period of gestation at which fetal-death reporting is required: Each reporting area, 1987

Area	All periods 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						
Arkansas	X								
California			X						
Colorado	X								
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								
Maryland			² X						
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 New York City	X								
New York City	X								
North Carolina			X						
North Dakota			X						
Ohio			X						
Oklahoma			X						
Oregon			³ X						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									² X
Texas			X						
Utah			X						
Vermont			⁵ X						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						

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

²If gestational age is unknown, weight of 500 grams or more

³If gestational age is unknown, weight of 400 grams or more, or crown-heel length of 28 centimeters or more

⁴If weight is unknown, 22 completed weeks' gestation or more

⁵If gestational age is unknown, weight of 400 or more grams, 15 or more ounces

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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 1987 except Delaware, New Mexico, Puerto Rico, and South Dakota.

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 the Ninth Revision, International Classification of Diseases, 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; etc.

Race—The race of the fetus is ordinarily classified based on the race of the parents. If the parents are of different races, the following rules apply. (1) When only one parent is white, the fetus is assigned the other parent's race. (2) When neither parent is white, the fetus is assigned the father's race with one exception: If the mother is Hawaiian or Part-Hawaiian, the fetus is classified as Hawaiian.

When the race of one parent is missing or ill defined, the race of the other determines that of the fetus. When race of both parents is missing, the race of the fetus is allocated to the specific race of the fetus on the preceding record.

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.

In the 1978 revision of the Standard Report of Fetal Death, total-birth order is calculated from four items on pregnancy history: Number of previous live births, now living; number of previous live births, now dead; number of other terminations before 20 weeks; and number of other terminations after 20 weeks.

All registration areas use the two standard items pertaining to the number of previous live births. Most areas use the two standard items pertaining to the number of "other terminations" before and after 20 weeks' gestation, but some areas use other criteria. 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.

Marital status—Table 3–4 shows fetal deaths and fetal-death ratios by mother's marital status. States excluded from this table are as follows: California, Connecticut, Maryland, Michigan, Montana, New York (including New York City), Ohio, Texas, and Vermont. Because live births comprise the denominator of the ratio, 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.

There are no quantitative data on the characteristics of unmarried women who may 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—The fetal-death report asks for the mother's "age (at time of delivery)," and the ages are edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years 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 allocated 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).

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 the Ninth Revision of the International Classification of Diseases (ICD–9) recommended 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 was further recommended 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 or more gestation and infant deaths of less than 7 days; Perinatal Definition II, which includes fetal deaths of 20 weeks or more gestation and infant deaths of less than 28 days; and Perinatal Definition III, which includes fetal deaths of 20 weeks or more gestation 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 of 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 rates compared with 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 of 20–27 weeks.

Not stated—Fetal deaths with gestational age not stated are presumed to be of 20 weeks’ gestation or more if (1) the State requires reporting of all fetal deaths of gestational age 20 weeks or more or (2) 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 with gestation not stated but presumed to be 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 with presumed gestation of 20 weeks or more are included with those of stated gestation of 20 weeks or more.

For all three definitions, following the distribution of gestation not stated described above, fetal deaths with not-stated sex are allocated within gestational age groups on the basis of the distribution of stated cases. The allocation of not-stated gestational age and sex 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.

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 over 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 completeness is not as good for fetal deaths as for births and deaths, but it is believed to be relatively complete for fetal deaths of 28 weeks’ gestation or more. National statistical data on fetal deaths include only those fetal deaths with 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.

Quality control procedures

Demographic items on the death certificate—As previously indicated, for 1987 the mortality data for these items were obtained from two sources: (1) Microfilm images of the original certificates furnished by the Virgin Islands and photocopies from Guam; and (2) 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 has to go 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 NCHS independent verification 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 1987 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 1987 was 0.25 percent.

These verification procedures involve controlling 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 for demographic data, mortality medical data are also subject to quality control procedures which control for errors of both coding

and data entry. Each of the 22 registration areas in 1987 that 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 has achieved the required error tolerance level, a sample of 70–80 records per month is used to monitor quality of medical coding. For these 22 States, the average coding error rate in 1987 was estimated at just over 4 percent.

For the remaining 33 registration areas—28 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 1987, 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 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, where there is 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 (26). Further, conditions specified on a list of infrequent or rare causes of death need to be confirmed by the certifier or State Health Officer. For 1985 records, cryptosporidiosis was no longer confirmed by NCHS although this condition was still on the list of infrequent or rare causes of death through 1987. Because cryptosporidiosis has increased in frequency due to its association with human immunodeficiency virus (HIV) infection, it is no longer considered infrequent. 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 of *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 of 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 1900–87 are shown in table 7–1. In addition, the population including Armed Forces abroad is shown for the United States. Table B lists the sources for these populations.

Population estimates for 1987—The population of the United States estimated by age, race, and sex for 1987 is shown in table 7–2, and the population for each State by broad age groups follows in table 7–3. Population estimates for 1984–87 incorporate new estimation procedures for net migration and net undocumented immigration. The 1987 estimates are comparable with those for 1984–86 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 1984–1987 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 in *Vital Statistics of the United States, 1984*, Volume II, and the report of the U.S. Bureau of the Census (27). 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, over 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

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Table B. Sources for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900-1932, and United States, 1900-1987

Year	Source
1986-87	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1022, Mar. 1988.
1985	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1000, Feb. 1987.
1984	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 985, Apr. 1986.
1983	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 965, Mar. 1985.
1982	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 949, May 1984.
1981	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 929, May 1983.
1980	U.S. Bureau of the Census, <i>U.S. Census of Population: 1980, Number of Inhabitants</i> , PC80-1A1, United States Summary, 1983.
1971-79	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 917, July 1982.
1970	U.S. Bureau of the Census, <i>U.S. Census of Population: 1970, Number of Inhabitants</i> , Final Report PC (1)-A1, United States Summary, 1971.
1961-69	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 519, April 1974.
1960	U.S. Bureau of the Census, <i>U.S. Census of Population: 1960, Number of Inhabitants</i> , PC (1)-A1, United States Summary, 1964.
1951-59	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 310, June 30, 1965.
1940-50	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973.
1930-39	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <i>Vital Statistics Rates in the United States, 1900-1940</i> , 1943.
1920-29	National Office of Vital Statistics, <i>Vital Statistics Rates in the United States, 1900-1940</i> , 1943.
1917-19	Same as for 1930-39.
1900-1916	Same as for 1920-29.

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.

In order 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 (28). 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 National Center for Health Statistics estimated a population by age, race, and sex excluding 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

(27). 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 (29). 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 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 (30.31). The reports for 1980 include estimates of net census undercount using alternative methodological assumptions for age, race, and sex subgroups of the national population (32). 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 (1) levels of the observed vital rates, (2) differences among groups, and (3) 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 in 1980 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 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 by 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 if 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:

Age	Number
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	139,257
45-54 years	117,811
55-64 years	80,294
65-74 years	48,426
75-84 years	17,303
85 years and over	2,770

Life Tables

U.S. abridged life tables are constructed by reference to a standard table (33). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-87 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 1984-87 that are lower than those that would have occurred 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 average length of life (e_0) for single calendar years before the initiation of the annual abridged life table series for selected race-sex groups in 1945. The figures in table 6-5 for the race and sex groups for the following years were estimated to meet these needs (34).

Years	Race and sex groups
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 (35). 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.

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

$$1. N - 2\sqrt{N} \text{ and } N + 2\sqrt{N}$$

covers the "true" number of events.

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

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 .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 Community A were 10.0 per 1,000 population and if this rate were based on 20 recorded deaths, then the chances are 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 Community A of 10.0 per 1,000 population were being compared with a rate of 20.0 per 1,000 population for Community

B, which is based on 10 recorded deaths, then the difference between the rates for the two communities is 10.0. This difference is less than twice the standard error of the difference

$$2\sqrt{\frac{(10.0)^2}{20} + \frac{(20.0)^2}{10}}$$

of the two rates, which is computed to be 13.4. From this, it is concluded that the difference between the rates for the two communities is not statistically significant at the .05 level of significance.

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 standards of reliability or precision	.

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