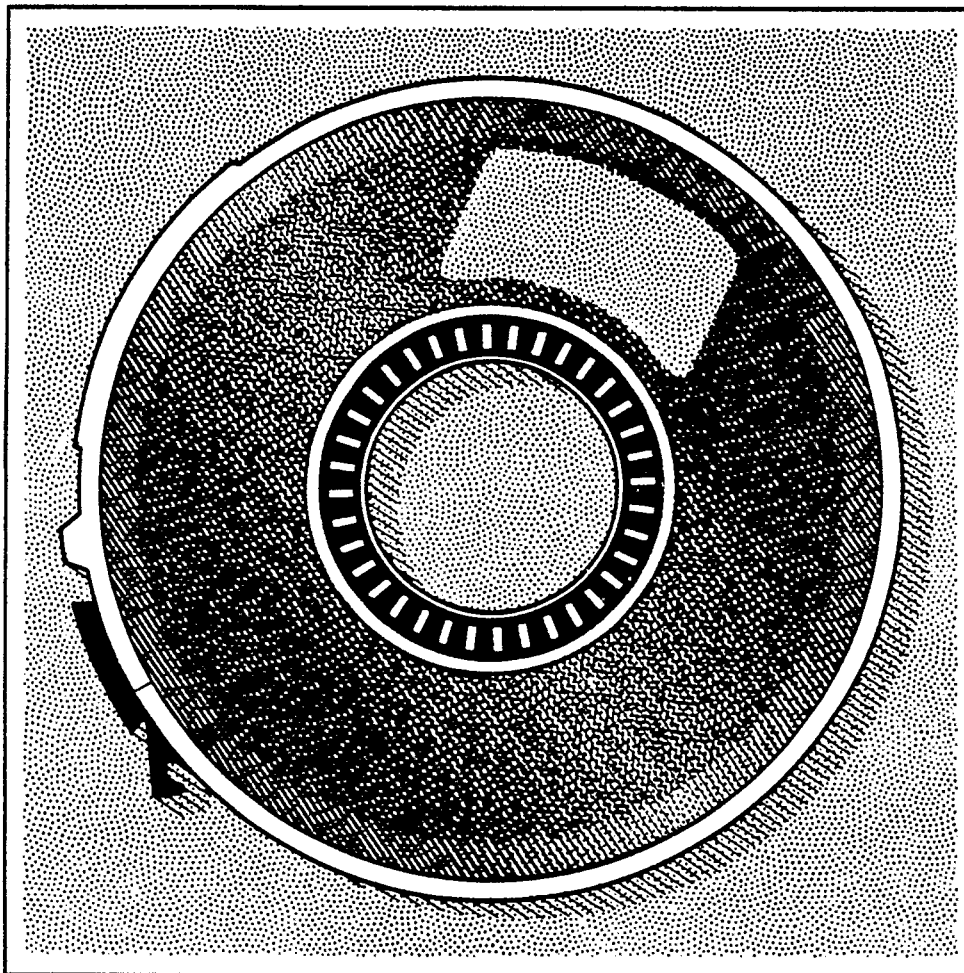


Public Use Data Tape Documentation

Multiple Cause of Death
for ICD-9 1987 Data



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

Hyattsville, Maryland
September 1989

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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 1987 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 1987. 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 1987 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 1987 tape file are as follows:

File Organization:	One file, multiple reels
Record Type:	Blocked, fixed format
Record count:	2,126,342
Record Length:	440
Blocksize:	26400

Data Counts:	a. By occurrence:	2,126,342
	b. By residence:	2,123,323
	c. To foreign residents:	3,019

1. The data year was processed using the PL/1 language on an IBM 3083/E.
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, 1987.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1987.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1987.
- 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, 1982-87.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1987.
- 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 G. Patten, 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

1987
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> 87 ... 1987
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.
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.

1987
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-30	10	<u>PLACE OF OCCURRENCE</u> Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
21-22	2	<u>State of Occurrence</u> 01 ... Alabama 02 ... Alaska 03 ... Arizona 04 ... Arkansas 05 ... California 06 ... Colorado 07 ... Connecticut 08 ... Delaware 09 ... District of Columbia 10 ... Florida 11 ... Georgia 12 ... Hawaii 13 ... Idaho 14 ... Illinois 15 ... Indiana 16 ... Iowa 17 ... Kansas 18 ... Kentucky 19 ... Louisiana 20 ... Maine 21 ... Maryland 22 ... Massachusetts 23 ... Michigan 24 ... Minnesota 25 ... Mississippi 26 ... Missouri 27 ... Montana 28 ... Nebraska 29 ... Nevada 30 ... New Hampshire 31 ... New Jersey 32 ... New Mexico 33 ... New York 34 ... North Carolina 35 ... North Dakota 36 ... Ohio 37 ... Oklahoma 38 ... Oregon 39 ... Pennsylvania 40 ... Rhode Island 41 ... South Carolina 42 ... South Dakota 43 ... Tennessee 44 ... Texas 45 ... Utah 46 ... Vermont 47 ... Virginia 48 ... Washington 49 ... West Virginia 50 ... Wisconsin 51 ... Wyoming
23-25	3	<u>County of Occurrence</u> 001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State. (Note: To uniquely identify a county, both the State and county codes must be used.)

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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	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

1987
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
29-30	2	<u>Expanded State of Occurrence Code</u>

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

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

1987
Mortality Multiple Cause-of-Death Record

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

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

1987
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
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 ZZZ ... Foreign residents
39	1	<u>Population Size of City of Residence</u> 0 ... Place of 1,000,000 or more 1 ... Place of 500,000 to 1,000,000 2 ... Place of 250,000 to 500,000 3 ... Place of 100,000 to 250,000 9 ... All other areas in the U.S. Z ... Foreign residents
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u> 1 ... Metropolitan county 2 ... Nonmetropolitan county Z ... Foreign residents

1987
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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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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<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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<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</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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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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60-63	4	<u>RACE</u>
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60-61	2	<u>Detail Race</u>
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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>
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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>
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64-66	3	<u>Detail Age</u>
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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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Tape Field
Location Size Item and Code Outline

67-68 2 Age Recode 52

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

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Mortality Multiple Cause-of-Death Record

Tape Field
Location Size Item and Code Outline

69-70 2 Age Recode 27

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

71-72 2 Age Recode 12

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

1987
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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<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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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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80-81	2	<u>Origin or Descent</u>
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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	<u>Reserved Positions</u>
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84	1	<u>Autopsy Performed</u>
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1	...	Yes
2	...	No
8	...	Autopsy performed not on certificate
9	...	Autopsy performed not stated

85-87	3	<u>Kind of Business or Industry</u>
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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>
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119-132	14	<u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS) GEOGRAPHIC CODES</u>
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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>
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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>
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001-999 ... Code range

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Tape Location	Field Size	<u>Item and Code Outline</u>
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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
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126-128	3	<u>County of Residence</u> 000 ... Foreign residents 001-nnn ... Code range
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129-132	4	<u>SMSA of Residence</u> 0000 ... Nonmetropolitan counties or foreign residents 0040-9340 ... Code range
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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 CONTITIONS</u> Space has been provided for maximum of 20 conditions. Each condition takes 7 positions in the record. Records that do not have 20 conditions are blank in the unused area. Position 1: Part/line number on certificate 1 ... Part I, line 1 (a) 2 ... Part I, line 2 (b) 3 ... Part I, line 3 (c) 4 ... Part I, line 4 (d) 5 ... Part I, line 5 (e) 6 ... Part II Position 2: Sequence of condition within part/line 1-7 ... Code range Position 3 - 6: Condition code See Table 1 for a complete list of codes Position 7: Nature of Injury Flag 1 ... Indicates that the code in positions 3-6 is a Nature of Injury code 0 ... All other codes
162-168	7	1st Condition
169-175	7	2nd Condition
176-182	7	3rd Condition
183-189	7	4th Condition
190-196	7	5th Condition
197-203	7	6th Condition
204-210	7	7th Condition
211-217	7	8th Condition
218-224	7	9th Condition
225-231	7	10th Condition
232-238	7	11th Condition
239-245	7	12th Condition
246-252	7	13th Condition
253-259	7	14th Condition
260-266	7	15th Condition
267-273	7	16th Condition

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<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>
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00-20 ... Code range

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

RECORD - AXIS CONDITIONS - Continued

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

Geographic Code Outline

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

Sol 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					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
01					Alabama	01	
001	180	1			Autauga	001	5240
			030	6	Prattville, part		
			999	9	Balance of county		
002	177	1	999	9	Baldwin	003	5160
003	000	2			Barbour	005	0000
			013	6	Eufaula		
			999	9	Balance of county		
004	000	2	999	9	Bibb	007	0000
005	000	2	999	9	Blount	009	0000
006	000	2	999	9	Bullock	011	0000
007	000	2	999	9	Butler	013	0000
008	015	1			Calhoun	015	0450
			004	5	Anniston		
			999	9	Balance of county		
009	000	2	999	9	Chambers	017	0000
010	000	2	999	9	Cherokee	019	0000
011	000	2	999	9	Chilton	021	0000
012	000	2	999	9	Choctaw	023	0000
013	000	2	999	9	Clarke	025	0000
014	000	2	999	9	Clay	027	0000
015	000	2	999	9	Cleburne	029	0000
016	000	2			Coffee	031	0000
			012	6	Enterprise, part		
			999	9	Balance of county		
017	093	1			Colbert	033	2650
			034	6	Sheffield		
			999	9	Balance of county		
018	000	2	999	9	Conecuh	035	0000
019	000	2	999	9	Coosa	037	0000
020	000	2			Covington	039	0000
			003	6	Andalusia		
			999	9	Balance of county		
021	000	2	999	9	Crenshaw	041	0000
022	000	2			Cullman	043	0000
			009	6	Cullman		
			999	9	Balance of county		
023	000	2			Dale	045	0000
			011	5	Dothan, part		
			012	6	Enterprise, part		
			028	6	Ozark		
			999	9	Balance of county		
024	000	2			Dallas	047	0000
			033	5	Selma		
			999	9	Balance of county		
025	000	2			De Kalb	049	0000
			016	6	Fort Payne		
			999	9	Balance of county		
026	180	1			Elmore	051	5240
			030	6	Prattville, part		
			999	9	Balance of county		
027	000	2	999	9	Escambia	053	0000
028	102	1			Etowah	055	2880
			017	5	Gadsden		
			999	9	Balance of county		
029	000	2	999	9	Fayette	057	0000
030	000	2	999	9	Franklin	059	0000
031	000	2	999	9	Geneva	061	0000
032	000	2	999	9	Greene	063	0000
033	000	2	999	9	Hale	065	0000
034	000	2	999	9	Henry	067	0000
035	000	2			Houston	069	0000
			011	5	Dothan, part		
			999	9	Balance of county		
036	000	2			Jackson	071	0000
			032	6	Scottsboro		
			999	9	Balance of county		
037	035	1			Jefferson	073	1000
			007	5	Bessemer		
			008	2	Birmingham		
			014	6	Fairfield		
			018	6	Homewood		
			019	6	Hoover, part		
			020	6	Hueytown		
			025	6	Mountain Brook		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
01					Alabama	01	
			040	6	Vestavia Hills		
			999	9	Balance of county		
038	000	2	999	9	Lamar	075	0000
039	093	1			Lauderdale	077	2650
			015	5	Florence		
			999	9	Balance of county		
040	000	2	999	9	Lawrence	079	0000
041	000	2			Lee	081	0000
			006	5	Auburn		
			027	6	Opelika		
			029	5	Phenix City, part		
			999	9	Balance of county		
042	122	1			Limestone	083	3440
			005	6	Athens		
			999	9	Balance of county		
043	000	2	999	9	Lowndes	085	0000
044	000	2			Macon	087	0000
			039	6	Tuskegee		
			999	9	Balance of county		
045	122	1			Madison	089	3440
			021	3	Huntsville		
			999	9	Balance of county		
046	000	2	999	9	Marengo	091	0000
047	000	2	999	9	Marion	093	0000
048	122	1			Marshall	095	3440
			001	6	Albertville		
			999	9	Balance of county		
049	177	1			Mobile	097	5160
			023	3	Mobile		
			031	5	Prichard		
			999	9	Balance of county		
050	000	2	999	9	Monroe	099	0000
051	180	1			Montgomery	101	5240
			024	3	Montgomery		
			999	9	Balance of county		
052	000	2			Morgan	103	0000
			010	5	Decatur		
			999	9	Balance of county		
053	000	2	999	9	Perry	105	0000
054	000	2	999	9	Pickens	107	0000
055	000	2			Pike	109	0000
			037	6	Troy		
			999	9	Balance of county		
056	000	2	999	9	Randolph	111	0000
057	066	1			Russell	113	1800
			029	5	Phenix City, part		
			999	9	Balance of county		
058	035	1	999	9	St. Clair	115	1000
059	035	1			Shelby	117	1000
			019	6	Hoover, part		
			999	9	Balance of county		
060	000	2	999	9	Sumter	119	0000
061	000	2			Talladega	121	0000
			035	6	Sylacauga		
			036	6	Talladega		
			999	9	Balance of county		
062	000	2			Tallapoosa	123	0000
			002	6	Alexander City		
			999	9	Balance of county		
063	283	1			Tuscaloosa	125	8600
			026	6	Northport		
			038	4	Tuscaloosa		
			999	9	Balance of county		
064	035	1			Walker	127	1000
			022	6	Jasper		
			999	9	Balance of county		
065	000	2	999	9	Washington	129	0000
066	000	2	999	9	Wilcox	131	0000
067	000	2	999	9	Winston	133	0000

Vital Statistics Codes					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						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
04						Arkansas	05		
	001	000	2			Arkansas		001	0000
				025	6	Stuttgart			
				999	9	Balance of county			
	002	000	2		999	Ashley		003	0000
	003	000	2		999	Baxter		005	0000
	004	091	1			Benton		007	2580
				020	6	Rogers			
				024	6	Springdale, part			
				999	9	Balance of county			
	005	000	2		999	Boone		009	0000
	006	000	2		999	Bradley		011	0000
	007	000	2		999	Calhoun		013	0000
	008	000	2		999	Carroll		015	0000
	009	000	2		999	Chicot		017	0000
	010	000	2			Clark		019	0000
				001	6	Arkadelphia			
				999	9	Balance of county			
	011	000	2		999	Clay		021	0000
	012	000	2		999	Cleburne		023	0000
	013	000	2		999	Cleveland		025	0000
	014	000	2			Columbia		027	0000
				015	6	Magnolia			
				999	9	Balance of county			
	015	000	2		999	Conway		029	0000
	016	000	2			Craighead		031	0000
				013	5	Jonesboro			
				999	9	Balance of county			
	017	098	1			Crawford		033	2720
				027	6	Van Buren			
				999	9	Balance of county			
	018	172	1			Crittenden		035	4920
				029	5	West Memphis			
				999	9	Balance of county			
	019	000	2		999	Cross		037	0000
	020	000	2		999	Dallas		039	0000
	021	000	2		999	Desha		041	0000
	022	000	2		999	Drew		043	0000
	023	000	2			Faulkner		045	0000
				005	6	Conway			
				999	9	Balance of county			
	024	000	2		999	Franklin		047	0000
	025	000	2		999	Fulton		049	0000
	026	000	2			Garland		051	0000
				011	5	Hot Springs			
				999	9	Balance of county			
	027	000	2		999	Grant		053	0000
	028	000	2			Greene		055	0000
				018	6	Paragould			
				999	9	Balance of county			
	029	000	2			Hempstead		057	0000
				010	6	Hope			
				999	9	Balance of county			
	030	000	2			Hot Spring		059	0000
				016	6	Malvern			
				999	9	Balance of county			
	031	000	2		999	Howard		061	0000
	032	000	2		999	Independence		063	0000
	033	000	2		999	Izard		065	0000
	034	000	2		999	Jackson		067	0000
	035	214	1			Jefferson		069	6240
				019	4	Pine Bluff			
				999	9	Balance of county			
	036	000	2		999	Johnson		071	0000
	037	000	2		999	Lafayette		073	0000
	038	000	2		999	Lawrence		075	0000
	039	000	2		999	Lee		077	0000
	040	000	2		999	Lincoln		079	0000
	041	277	1		999	Little River		081	8360
	042	000	2		999	Logan		083	0000
	043	000	2		999	Lonoke		085	0000
	044	000	2		999	Madison		087	0000
	045	000	2		999	Marion		089	0000
	046	277	1			Miller		091	8360

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	093 0000
			003	6	Blytheville	
			999	9	Balance of county	
048	000	2	999	9	Monroe	095 0000
049	000	2	999	9	Montgomery	097 0000
050	000	2	999	9	Nevada	099 0000
051	000	2	999	9	Newton	101 0000
052	000	2			Quachita	103 0000
			004	6	Camden	
			999	9	Balance of county	
053	000	2	999	9	Perry	105 0000
054	000	2			Phillips	107 0000
			028	6	West Helena	
			999	9	Balance of county	
055	000	2	999	9	Pike	109 0000
056	000	2	999	9	Poinsett	111 0000
057	000	2	999	9	Polk	113 0000
058	000	2			Pope	115 0000
			021	6	Russellville	
			999	9	Balance of county	
059	000	2	999	9	Prairie	117 0000
060	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					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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	999	Alpine		003 0000	
	003	000	2	999	Amador		005 0000	
	004	059	1		Butte		007 1620	
			037	5	Chico			
			158	6	Paradise			
			999	9	Balance of county			
	005	000	2	999	Calaveras		009 0000	
	006	000	2	999	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	999	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	999	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	999	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	999	Lake		033 0000	
	018	000	2	999	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
 St Cnty SMSA M/NM City P/S State, County, City, or Country Name

FIPS Codes
 St Cnty SMSA

05					California	06	
				017	5	Bell	
				018	4	Bellflower	
				019	5	Bell Gardens	
				023	5	Beverly Hills	
				027	4	Burbank	
				034	4	Carson	
				036	4	Cerritos	
				040	5	Claremont	
				043	6	Commerce	
				044	4	Compton	
				049	5	Covina	
				050	6	Cudahy	
				051	5	Culver City	
				057	4	Downey	
				058	6	Duarte	
				062	4	El Monte	
				063	6	El Segundo	
				074	5	Gardena	
				077	3	Glendale	
				078	5	Glendora	
				080	6	Hawaiian Gardens	
				081	4	Hawthorne	
				084	6	Hermosa Beach	
				088	5	Huntington Park	
				091	4	Inglewood	
				093	6	La Canada Flintridge	
				097	4	Lakewood	
				099	5	La Mirada	
				100	5	Lancaster	
				102	5	La Puente	
				104	6	La Verne	
				105	6	Lawndale	
				110	6	Lomita	
				112	2	Long Beach	
				115	0	Los Angeles	
				118	5	Lynwood	
				120	5	Manhattan Beach	
				124	6	Maywood	
				131	5	Monrovia	
				133	4	Montebello	
				135	4	Monterey Park	
				144	4	Norwalk	
				153	6	Palmdale	
				157	6	Palos Verdes Estates	
				159	5	Paramount	
				160	3	Pasadena	
				162	4	Pico Rivera	
				169	4	Pomona	
				173	5	Rancho Palos Verdes	
				176	4	Redondo Beach	
				184	5	Rosemead	
				195	6	San Dimas	
				196	6	San Fernando	
				198	5	San Gabriel	
				205	6	San Marino	
				213	6	Santa Fe Springs	
				215	4	Santa Monica	
				222	6	Sierra Madre	
				224	6	South El Monte	
				225	4	South Gate	
				227	6	South Pasadena	
				233	5	Temple City	
				235	3	Torrance	
				250	4	West Covina	
				252	4	Whittier	
				999	9	Balance of county	
020	000	2				Madera	039 0000
				119	6	Madera	
				999	9	Balance of county	
021	249	1				Marin	041 7360
				103	6	Larkspur	
				128	6	Mill Valley	
				145	5	Novato	
				188	6	San Anselmo	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
05						California	06
				208	5	San Rafael	
				999	9	Balance of county	
022	000		2	999	9	Mariposa	043 0000
023	000		2			Mendocino	045 0000
				240	6	Ukiah	
				999	9	Balance of county	
024	000		2			Merced	047 0000
				011	6	Atwater	
				116	6	Los Banos	
				126	5	Merced	
				999	9	Balance of county	
025	000		2	999	9	Modoc	049 0000
026	000		2	999	9	Mono	051 0000
027	243		1			Monterey	053 7120
				122	6	Marina	
				134	5	Monterey	
				152	6	Pacific Grove	
				187	4	Salinas	
				220	5	Seaside	
				999	9	Balance of county	
028	286		1			Napa	055 8720
				139	4	Napa	
				999	9	Balance of county	
029	000		2	999	9	Nevada	057 0000
030	010		1			Orange	059 0360
				004	3	Anaheim	
				025	5	Brea	
				026	4	Buena Park	
				048	4	Costa Mesa	
				053	5	Cypress	
				070	4	Fountain Valley	
				073	3	Fullerton	
				075	3	Garden Grove	
				087	3	Huntington Beach	
				092	4	Irvine	
				095	6	Laguna Beach	
				096	5	La Habra	
				101	6	La Palma	
				113	6	Los Alamitos	
				142	4	Newport Beach	
				149	4	Orange	
				166	5	Placentia	
				193	5	San Clemente	
				201	6	San Juan Capistrano	
				209	3	Santa Ana	
				219	5	Seal Beach	
				229	6	Stanton	
				239	5	Tustin	
				251	4	Westminster	
				254	5	Yorba Linda	
				999	9	Balance of county	
031	237		1			Placer	061 6920
				185	6	Roseville	
				999	9	Balance of county	
032	000		2	999	9	Plumas	063 0000
033	231		1			Riverside	065 6780
				015	6	Banning	
				046	5	Corona	
				083	6	Hemet	
				090	6	Indio	
				143	6	Norco	
				154	6	Palm Desert	
				155	5	Palm Springs	
				182	3	Riverside	
				999	9	Balance of county	
034	237		1			Sacramento	067 6920
				067	6	Folsom	
				186	2	Sacramento	
				999	9	Balance of county	
035	000		2			San Benito	069 0000
				086	6	Hollister	
				999	9	Balance of county	
036	231		1			San Bernardino	071 6780
				016	6	Barstow	

Vital Statistics Codes				FIPS Codes					
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
v5						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					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
05					California	06		
			232	3	Sunnyvale			
			999	9	Balance of county			
044	252	1			Santa Cruz	087	7485	
			212	5	Santa Cruz			
			249	6	Watsonville			
			999	9	Balance of county			
045	227	1			Shasta	089	6690	
			174	5	Redding			
			999	9	Balance of county			
046	000	2	999	9	Sierra	091	0000	
047	000	2	999	9	Siskiyou	093	0000	
048	286	1			Solano	095	8720	
			021	6	Benicia			
			066	4	Fairfield			
			231	6	Suisun City			
			243	5	Vacaville			
			244	4	Vallejo			
			999	9	Balance of county			
049	253	1			Sonoma	097	7500	
			161	5	Petaluma			
			183	6	Rohnert Park			
			217	4	Santa Rosa			
			999	9	Balance of county			
050	178	1			Stanislaus	099	5170	
			035	6	Ceres			
			130	3	Modesto			
			238	5	Turlock			
			999	9	Balance of county			
051	305	1			Sutter	101	9340	
			255	6	Yuba City			
			999	9	Balance of county			
052	000	2	999	9	Tehama	103	0000	
053	000	2	999	9	Trinity	105	0000	
054	289	1			Tulare	107	8780	
			170	6	Porterville			
			237	6	Tulare			
			246	5	Visalia			
			999	9	Balance of county			
055	000	2	999	9	Tuolumne	109	0000	
056	204	1			Ventura	111	6000	
			030	5	Camarillo			
			150	3	Oxnard			
			171	6	Port Hueneme			
			191	4	San Buenaventura (Ventura)			
			216	6	Santa Paula			
			223	4	Simi Valley			
			234	4	Thousand Oaks			
			999	9	Balance of county			
057	237	1			Yolo	113	6920	
			055	5	Davis			
			253	5	Woodland			
			999	9	Balance of county			
058	305	1	999	9	Yuba	115	9340	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
06					Colorado	08		
	001	076	1		Adams	001	2080	
				001	Arvada, part			
				002	Aurora, part			
				004	Brighton, part			
				005	Broomfield, part			
				008	Commerce City			
				020	Northglenn			
				023	Thornton			
				024	Westminster, part			
				999	Balance of county			
	002	000	2	999	Alamosa	003	0000	
	003	076	1		Arapahoe	005	2080	
				002	Aurora, part			
				011	Englewood			
				017	Littleton, part			
				999	Balance of county			
	004	000	2	999	Archuleta	007	0000	
	005	000	2	999	Baca	009	0000	
	006	000	2	999	Bent	011	0000	
	007	076	1		Boulder	013	2080	
				003	Boulder			
			*	005	Broomfield, part			
				018	Longmont			
				999	Balance of county			
	008	000	2	999	Chaffee	015	0000	
	009	000	2	999	Cheyenne	017	0000	
	010	000	2	999	Clear Creek	019	0000	
	011	000	2	999	Conejos	021	0000	
	012	000	2	999	Costilla	023	0000	
	013	000	2	999	Crowley	025	0000	
	014	000	2	999	Custer	027	0000	
	015	000	2	999	Delta	029	0000	
	016	076	1	009	Denver, coext. with Denver city	031	2080	
	017	000	2	999	Dolores	033	0000	
	018	076	1		Douglas	035	2080	
				017	Littleton, part			
				999	Balance of county			
	019	000	2	999	Eagle	037	0000	
	020	000	2	999	Elbert	039	0000	
	021	063	1		El Paso	041	1720	
				007	Colorado Springs			
				999	Balance of county			
	022	000	2		Fremont	043	0000	
				006	Canon City			
				999	Balance of county			
	023	000	2	999	Garfield	045	0000	
	024	076	1	999	Gilpin	047	2080	
	025	000	2	999	Grand	049	0000	
	026	000	2	999	Gunnison	051	0000	
	027	000	2	999	Hinsdale	053	0000	
	028	000	2	999	Huerfano	055	0000	
	029	000	2	999	Jackson	057	0000	
	030	076	1		Jefferson	059	2080	
				001	Arvada, part			
				005	Broomfield, part			
				013	Golden			
				016	Lakewood			
				024	Westminster, part			
				025	Wheat Ridge			
				999	Balance of county			
	031	000	2	999	Kiowa	061	0000	
	032	000	2	999	Kit Carson	063	0000	
	033	000	2	999	Lake	065	0000	
	034	000	2		La Plata	067	0000	
				010	Durango			
				999	Balance of county			
	035	095	1		Larimer	069	2670	
				012	Fort Collins			
				019	Loveland			
				999	Balance of county			
	036	000	2	999	Las Animas	071	0000	
	037	000	2	999	Lincoln	073	0000	
	038	000	2		Logan	075	0000	
				022	Sterling			

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
06					Colorado	08
			999	9	Balance of county	
039	000	2			Mesa	077 0000
			014	5	Grand Junction	
			999	9	Balance of county	
040	000	2	999	9	Mineral	079 0000
041	000	2	999	9	Moffat	081 0000
042	000	2	999	9	Montezuma	083 0000
043	000	2	999	9	Montrose	085 0000
044	000	2	999	9	Morgan	087 0000
045	000	2	999	9	Otero	089 0000
046	000	2	999	9	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	
	001	000	2			Kent	10 001 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			Sussex	005 0000
				999	9		

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

FIPS Codes
St Cnty SMSA
11 001 8840

Vital Statistics Codes					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	999	Baker		003 3600
	003	205	1		Bay		005 6015
			066	5	Panama City		
			999	9	Balance of county		
	004	000	2	999	Bradford		007 0000
	005	171	1		Brevard		009 4900
			010	6	Cocoa		
			011	6	Cocoa Beach		
			046	5	Melbourne		
			064	6	Palm Bay		
			076	6	Rockledge		
			089	5	Titusville		
			999	9	Balance of county		
	006	096	1		Broward		011 2680
			012	6	Cooper City		
			014	5	Coral Springs		
			015	6	Dania		
			016	6	Davie		
			018	5	Deerfield Beach		
			022	3	Fort Lauderdale		
			029	5	Hallandale, part		
			031	3	Hollywood		
			040	5	Lauderdale Lakes		
			041	5	Lauderhill		
			043	6	Lighthouse Point		
			045	5	Margate		
			050	5	Miramar		
			054	6	North Lauderdale		
			058	6	Oakland Park		
			067	5	Pembroke Pines		
			070	5	Plantation		
			072	4	Pompano Beach		
			083	5	Sunrise		
			085	5	Tamarac		
			093	6	Wilton Manors		
			999	9	Balance of county		
	007	000	2	999	Calhoun		013 0000
	008	000	2	999	Charlotte		015 0000
	009	000	2	999	Citrus		017 0000
	010	127	1	999	Clay		019 3600
	011	000	2		Collier		021 0000
			051	6	Naples		
			999	9	Balance of county		
	012	000	2	999	Columbia		023 0000
	013	173	1		Dade		025 5000
			013	5	Coral Gables		
			029	5	Hallandale, part		
			030	3	Hialeah		
			032	6	Homestead		
			047	2	Miami		
			048	4	Miami Beach		
			049	6	Miami Springs		
			055	5	North Miami		
			056	5	North Miami Beach		
			060	6	Opa-locka		
			082	6	South Miami		
			999	9	Balance of county		
	014	000	2	999	De Soto		027 0000
	015	000	2	999	Dixie		029 0000
	016	127	1		Duval		031 3600
			033	1	Jacksonville		
			034	6	Jacksonville Beach		
			999	9	Balance of county		
	017	209	1		Escambia		033 6080
			068	4	Pensacola		
			999	9	Balance of county		
	018	000	2	999	Flagler		035 0000
	019	000	2	999	Franklin		037 0000
	020	000	2	999	Gadsden		039 0000
	021	000	2	999	Gilchrist		041 0000
	000	000	2	999	Gulf Breeze		043 0000

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		
	023	000	2	999	9 Gulf		045	0000
	024	000	2	999	9 Hamilton		047	0000
	025	000	2	999	9 Hardee		049	0000
	026	000	2	999	9 Hendry		051	0000
	027	000	2	999	9 Hernando		053	0000
	028	000	2	999	9 Highlands		055	0000
	029	275	1		Hillsborough		057	8280
				071	6 Plant City			
				086	2 Tampa			
				088	6 Temple Terrace			
				999	9 Balance of county			
	030	000	2	999	9 Holmes		059	0000
	031	000	2		Indian River		061	0000
				091	6 Vero Beach			
				999	9 Balance of county			
	032	000	2	999	9 Jackson		063	0000
	033	000	2	999	9 Jefferson		065	0000
	034	000	2	999	9 Lafayette		067	0000
	035	000	2		Lake		069	0000
				042	6 Leesburg			
				999	9 Balance of county			
	036	097	1		Lee		071	2700
				007	5 Cape Coral			
				023	5 Fort Myers			
				999	9 Balance of county			
	037	274	1		Leon		073	8240
				084	4 Tallahassee			
				999	9 Balance of county			
	038	000	2	999	9 Levy		075	0000
	039	000	2	999	9 Liberty		077	0000
	040	000	2	999	9 Madison		079	0000
	041	041	1		Manatee		081	1140
				006	5 Bradenton			
				999	9 Balance of county			
	042	197	1		Marion		083	5790
				059	5 Ocala			
				999	9 Balance of county			
	043	000	2	999	9 Martin		085	0000
	044	000	2		Monroe		087	0000
				035	6 Key West			
				999	9 Balance of county			
	045	127	1	999	9 Nassau		089	3600
	046	099	1		Okaloosa		091	2750
				025	6 Fort Walton Beach			
				999	9 Balance of county			
	047	000	2	999	9 Okeechobee		093	0000
	048	202	1		Orange		095	5960
				061	3 Orlando			
				095	6 Winter Park			
				999	9 Balance of county			
	049	202	1		Osceola		097	5960
				036	6 Kissimmee			
				999	9 Balance of county			
	050	294	1		Palm Beach		099	8960
				003	6 Belle Glade			
				004	5 Boca Raton			
				005	5 Boynton Beach			
				020	5 Delray Beach			
				038	5 Lake Worth			
				057	6 North Palm Beach			
				065	6 Palm Beach Gardens			
				075	5 Riviera Beach			
				092	4 West Palm Beach			
				999	9 Balance of county			
	051	275	1		Pasco		101	8280
				052	6 New Port Richey			
				999	9 Balance of county			
	052	275	1		Pinellas		103	8280
				009	4 Clearwater			
				021	5 Dunedin			
				027	6 Gulfport			
				039	4 Largo			
				069	5 Pinellas Park			
				078	3 St. Petersburg			

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
10					Florida	12
			087	6	Tarpon Springs	
			999	9	Balance of county	
053	145	1			Polk	105 3980
			002	6	Bartow	
			028	6	Haines City	
			037	5	Lakeland	
			094	6	Winter Haven	
			999	9	Balance of county	
054	000	2			Putnam	107 0000
			063	6	Palatka	
			999	9	Balance of county	
055	127	1			St. Johns	109 3600
			077	6	St. Augustine	
			999	9	Balance of county	
056	000	2			St. Lucie	111 0000
			024	5	Fort Pierce	
			074	6	Port St. Lucie	
			999	9	Balance of county	
057	209	1			Santa Rosa	113 6080
058	254	1			Sarasota	115 7510
			080	5	Sarasota	
			090	6	Venice	
			999	9	Balance of county	
059	202	1			Seminole	117 5960
			001	6	Altamonte Springs	
			008	6	Casselberry	
			044	6	Longwood	
			079	6	Sanford	
			096	6	Winter Springs	
			999	9	Balance of county	
060	000	2			Sumter	119 0000
061	000	2			Suwannee	121 0000
062	000	2			Taylor	123 0000
063	000	2			Union	125 0000
064	074	1			Volusia	127 2020
			017	4	Daytona Beach	
			019	6	De Land	
			053	6	New Smyrna Beach	
			062	6	Ormond Beach	
			073	6	Port Orange	
			081	6	South Daytona	
			999	9	Balance of county	
065	274	1			Wakulla	129 8240
066	000	2			Walton	131 0000
067	000	2			Washington	133 0000

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
11						Georgia	13
	001	000	2	999	9	Appling	001 0000
	002	000	2	999	9	Atkinson	003 0000
	003	000	2	999	9	Bacon	005 0000
	004	000	2	999	9	Baker	007 0000
	005	000	2			Baldwin	009 0000
				026	6	Milledgeville	
				999	9	Balance of county	
	006	000	2	999	9	Banks	011 0000
	007	000	2	999	9	Barrow	013 0000
	008	000	2	999	9	Bartow	015 0000
	009	000	2			Ben Hill	017 0000
				018	6	Fitzgerald, part	
				999	9	Balance of county	
	010	000	2	999	9	Berrien	019 0000
	011	165	1			Bibb	021 4680
				024	3	Macon, part	
				999	9	Balance of county	
	012	000	2	999	9	Bleckley	023 0000
	013	000	2	999	9	Brantley	025 0000
	014	000	2	999	9	Brooks	027 0000
	015	255	1	999	9	Bryan	029 7520
	016	000	2			Bulloch	031 0000
				033	6	Statesboro	
				999	9	Balance of county	
	017	000	2	999	9	Burke	033 0000
	018	019	1	999	9	Butts	035 0520
	019	000	2	999	9	Calhoun	037 0000
	020	000	2	999	9	Camden	039 0000
	021	000	2	999	9	Candler	043 0000
	022	000	2			Carroll	045 0000
				008	6	Carrollton	
				999	9	Balance of county	
	023	057	1	999	9	Catoosa	047 1560
	024	000	2	999	9	Charlton	049 0000
	025	255	1			Chatham	051 7520
				031	3	Savannah	
				999	9	Balance of county	
	026	066	1	999	9	Chattahoochee	053 1800
	027	000	2	999	9	Chattooga	055 0000
	028	019	1	999	9	Cherokee	057 0520
	029	018	1			Clarke	059 0500
				003	5	Athens	
				999	9	Balance of county	
	030	000	2	999	9	Clay	061 0000
	031	019	1			Clayton	063 0520
				009	6	College Park, part	
				019	6	Forest Park	
				999	9	Balance of county	
	032	000	2	999	9	Clinch	065 0000
	033	019	1			Cobb	067 0520
				025	5	Marietta	
				032	6	Smyrna	
				999	9	Balance of county	
	034	000	2			Coffee	069 0000
				015	6	Douglas	
				999	9	Balance of county	
	035	000	2			Colquitt	071 0000
				027	6	Moultrie	
				999	9	Balance of county	
	036	021	1	999	9	Columbia	073 0600
	037	000	2	999	9	Cook	075 0000
	038	000	2			Coweta	077 0000
				028	6	Newnan	
				999	9	Balance of county	
	039	000	2	999	9	Crawford	079 0000
	040	000	2			Crisp	081 0000
				011	6	Cordele	
				999	9	Balance of county	
	041	057	1	999	9	Dade	083 1560
	042	000	2	999	9	Dawson	085 0000
	043	000	2			Decatur	087 0000
				006	6	Bainbridge	
				999	9	Balance of county	
	044	019	1			De Kalb	089 0520
				004	2	Atlanta, part	

Vital Statistics Codes						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					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
14					Illinois	17		
	001	000	2		Adams		001	0000
				135 5	Quincy			
				999 9	Balance of county			
	002	000	2	999 9	Alexander		003	0000
	003	000	2	999 9	Bond		005	0000
	004	235	1		Boone		007	6880
				010 6	Belvidere			
				999 9	Balance of county			
	005	000	2	999 9	Brown		009	0000
	006	000	2	999 9	Bureau		011	0000
	007	000	2	999 9	Calhoun		013	0000
	008	000	2	999 9	Carroll		015	0000
	009	000	2	999 9	Cass		017	0000
	010	052	1		Champaign		019	1400
				030 4	Champaign			
				136 6	Rantoul			
				160 5	Urbana			
				999 9	Balance of county			
	011	000	2		Christian		021	0000
				158 6	Taylorville			
				999 9	Balance of county			
	012	000	2	999 9	Clark		023	0000
	013	000	2	999 9	Clay		025	0000
	014	241	1		Clinton		027	7040
				029 6	Centralia, part			
				999 9	Balance of county			
	015	000	2		Coles		029	0000
				031 6	Charleston			
				101 6	Mattoon			
				999 9	Balance of county			
	016	058	1		Cook		031	1600
				002 6	Alsip			
				004 4	Arlington Heights, part			
				006 6	Bartlett, part			
				009 6	Bellwood			
				011 6	Bensenville, part			
				012 5	Berwyn			
				015 6	Blue Island			
				019 6	Bridgeview			
				020 6	Brookfield			
				021 6	Buffalo Grove, part			
				022 5	Burbank			
				024 5	Calumet City			
				032 0	Chicago, part			
				033 5	Chicago Heights			
				034 6	Chicago Ridge			
				035 4	Cicero			
				037 6	Country Club Hills			
				038 6	Crestwood			
				043 6	Deerfield, part			
				045 4	Des Plaines			
				047 6	Dolton			
				054 4	Elgin, part			
				055 5	Elk Grove Village, part			
				057 6	Elmwood Park			
				058 4	Evanston			
				059 6	Evergreen Park			
				061 6	Forest Park			
				062 6	Franklin Park			
				067 5	Glenview			
				068 6	Glenwood			
				070 5	Hanover Park, part			
				072 5	Harvey			
				073 6	Hazel Crest			
				075 6	Hickory Hills			
				077 6	Hinsdale, part			
				078 5	Hoffman Estates			
				079 6	Homewood			
				082 6	Justice			
				085 6	La Grange			
				086 6	La Grange Park			
				088 5	Lansing			
				092 6	Lincolnwood			
				099 6	Markham			

Vital Statistics Codes				FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
14				Illinois	17
			100 6	Matteson	
			102 5	Maywood	
			103 6	Melrose Park	
			104 6	Midlothian	
			108 6	Morton Grove	
			109 4	Mount Prospect	
			113 5	Niles	
			115 6	Norridge	
			116 5	Northbrook	
			118 6	Northlake	
			119 5	Oak Forest	
			120 4	Oak Lawn	
			121 4	Oak Park	
			123 6	Orland Park	
			125 5	Palatine	
			126 6	Palos Heights	
			127 6	Palos Hills	
			128 5	Park Forest, part	
			129 5	Park Ridge	
			134 6	Prospect Heights	
			137 6	Riverdale	
			138 6	River Forest	
			139 6	River Grove	
			143 6	Rolling Meadows	
			145 6	Roselle, part	
			148 6	Sauk Village	
			149 4	Schaumburg, part	
			150 6	Schiller Park	
			151 4	Skokie	
			152 6	South Holland	
			155 6	Streamwood	
			157 6	Summit	
			159 5	Tinley Park, part	
			164 6	Westchester	
			166 6	Western Springs	
			169 6	Wheeling, part	
			170 5	Wilmette	
			171 6	Winnetka	
			176 6	Worth	
			999 9	Balance of county	
017	000	2	999 9	Crawford	033 0000
018	000	2	999 9	Cumberland	035 0000
019	000	2		De Kalb	037 0000
			044 5	De Kalb	
			999 9	Balance of county	
020	000	2	999 9	De Witt	039 0000
021	000	2	999 9	Douglas	041 0000
022	058	1		Du Page	043 1600
			001 5	Addison	
			005 4	Aurora, part	
			006 6	Bartlett, part	
			007 6	Batavia, part	
			011 6	Bensenville, part	
			013 6	Bloomington	
			016 5	Bolingbrook, part	
			027 6	Carol Stream	
			032 0	Chicago, part	
			041 6	Darien	
			048 5	Downers Grove	
			055 5	Elk Grove Village, part	
			056 5	Elmhurst	
			065 6	Glendale Heights	
			066 6	Glen Ellyn	
			070 5	Hanover Park, part	
			077 6	Hinsdale, part	
			093 6	Lisle	
			094 5	Lombard	
			112 5	Naperville, part	
			145 6	Roselle, part	
			147 6	St. Charles, part	
			149 4	Schaumburg, part	
			161 6	Villa Park	
			165 6	West Chicago	
			167 6	Westmont	

Vital Statistics Codes					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		
				133 6	Livingston	105	0000
				156 6	Pontiac		
				999 9	Streator, part		
	054	000	2	999 9	Balance of county		
				091 6	Logan	107	0000
				999 9	Lincoln		
	055	000	2	999 9	Balance of county		
				097 6	McDonough	109	0000
				999 9	Macomb		
	056	058	1	999 9	Balance of county		
				039 6	McHenry	111	1600
				096 6	Crystal Lake		
				175 6	McHenry		
				999 9	Woodstock		
	057	038	1	999 9	Balance of county		
				014 5	McLean	113	1040
				114 5	Bloomington		
				999 9	Normal		
	058	075	1	999 9	Balance of county		
				042 4	Macon	115	2040
				999 9	Decatur		
	059	000	2	999 9	Balance of county		
	060	241	1	999 9	Macoupin	117	0000
				003 5	Madison	119	7040
				036 6	Alton		
				052 6	Collinsville, part		
				069 5	Edwardsville		
				174 6	Granite City		
				999 9	Wood River		
	061	000	2	999 9	Balance of county		
				029 6	Marion	121	0000
				999 9	Centralia, part		
	062	000	2	999 9	Balance of county		
	063	000	2	999 9	Marshall	123	0000
	064	000	2	999 9	Mason	125	0000
	065	265	1	999 9	Massac	127	0000
	066	000	2	999 9	Menard	129	7880
	067	241	1	999 9	Mercer	131	0000
	068	000	2	999 9	Monroe	133	7040
	069	000	2	999 9	Montgomery	135	0000
				080 6	Morgan	137	0000
				999 9	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	999 9	Peoria	143	6120
				130 5	Peoria, 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	Poppe	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	999 9	Rock Island	161	1960
				049 6	East Moline		
				105 5	Moline		
				142 5	Rock Island		
				999 9	Balance of county		
	082	241	1	999 9	St. Clair	163	7040
				008 5	Belleville		
				023 6	Canokia		
				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	999 9	Saline	165	0000
				071 6	Harrisburg		
				999 9	Balance of county		

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
14						Illinois	17		
	084	265	1			Sangamon		167	7880
				153	3	Springfield			
				999	9	Balance of county			
	085	000	2	999	9	Schuyler		169	0000
	086	000	2	999	9	Scott		171	0000
	087	000	2	999	9	Shelby		173	0000
	088	000	2	999	9	Stark		175	0000
	089	000	2			Stephenson		177	0000
				063	5	Freeport			
				999	9	Balance of county			
	090	210	1			Tazewell		179	6120
				050	6	East Peoria			
				107	6	Morton			
				130	5	Pekin, part			
				162	6	Washington			
				999	9	Balance of county			
	091	000	2	999	9	Union		181	0000
	092	000	2			Vermilion		183	0000
				040	5	Danville			
				999	9	Balance of county			
	093	000	2	999	9	Wabash		185	0000
	094	000	2			Warren		187	0000
				106	6	Monmouth			
				999	9	Balance of county			
	095	000	2	999	9	Washington		189	0000
	096	000	2	999	9	Wayne		191	0000
	097	000	2	999	9	White		193	0000
	098	000	2			Whiteside		195	0000
				140	6	Rock Falls			
				154	6	Sterling			
				999	9	Balance of county			
	099	058	1			Will		197	1600
				016	5	Bolingbrook, part			
				081	4	Joliet			
				112	5	Naperville, part			
				128	5	Park Forest, part			
				144	6	Romeoville			
				159	5	Tinley Park, part			
				999	9	Balance of county			
	100	000	2			Williamson		199	0000
				074	6	Herrin			
				098	6	Marion			
				999	9	Balance of county			
	101	235	1			Winnebago		201	6880
				095	6	Loves Park			
				141	3	Rockford			
				999	9	Balance of county			
	102	210	1	999	9	Woodford		203	6120

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
15					Indiana	18	
	001	100	1	999 9	Adams		001 2760
	002	100	1		Allen		003 2760
				015 3	Fort Wayne		
				999 9	Balance of county		
	003	000	2		Bartholomew		005 0000
				007 5	Columbus		
				999 9	Balance of county		
	004	000	2	999 9	Benton		007 0000
	005	000	2	999 9	Blackford		009 0000
	006	123	1		Boone		011 3480
				034 6	Lebanon		
				999 9	Balance of county		
	007	000	2	999 9	Brown		013 0000
	008	000	2	999 9	Carroll		015 0000
	009	000	2		Cass		017 0000
				035 6	Logansport		
				999 9	Balance of county		
	010	162	1		Clark		019 4520
				006 6	Clarksville		
				028 6	Jeffersonville		
				999 9	Balance of county		
	011	276	1	999 9	Clay		021 8320
	012	000	2		Clinton		023 0000
				016 6	Frankfort		
				999 9	Balance of county		
	013	000	2	999 9	Crawford		025 0000
	014	000	2		Daviess		027 0000
				060 6	Washington		
				999 9	Balance of county		
	015	060	1	999 9	Dearborn		029 1640
	016	000	2	999 9	Decatur		031 0000
	017	100	1	999 9	De Kalb		033 2760
	018	181	1		Delaware		035 5280
				042 4	Muncie		
				999 9	Balance of county		
	019	000	2	999 9	Dubois		037 0000
	020	083	1		Elkhart		039 2330
				012 5	Elkhart		
				019 6	Goshen		
				999 9	Balance of county		
	021	000	2		Fayette		041 0000
				008 6	Connerville		
				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					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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	6	Elwood, part			
				999	9	Balance of county			
	049	123	1			Marion		097	3480
				003	6	Beech Grove			
				027	1	Indianapolis			
				033	5	Lawrence			
				054	6	Speedway			
				999	9	Balance of county			
	050	263	1	999	9	Marshall		099	7800
	051	000	2	999	9	Martin		101	0000
	052	000	2			Miami		103	0000
				047	6	Peru			
				999	9	Balance of county			
	053	037	1			Monroe		105	1020
				004	4	Bloomington			
				999	9	Balance of county			
	054	000	2			Montgomery		107	0000
				009	6	Crawfordsville			
				999	9	Balance of county			
	055	123	1			Morgan		109	3480
				038	6	Martinsville			
				999	9	Balance of county			
	056	000	2	999	9	Newton		111	0000
	057	000	2	999	9	Noble		113	0000
	058	000	2	999	9	Ohio		115	0000
	059	000	2	999	9	Orange		117	0000
	060	000	2	999	9	Owen		119	0000
	061	000	2	999	9	Parke		121	0000
	062	000	2	999	9	Perry		123	0000
	063	000	2	999	9	Pike		125	0000
	064	105	1			Porter		127	2960
				048	5	Portage			
				056	6	Valparaiso			
				999	9	Balance of county			

Vital Statistics Codes						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						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
16					Iowa	19	
	001	000	2	999	9 Adair		001 0000
	002	000	2	999	9 Adams		003 0000
	003	000	2	999	9 Allamakee		005 0000
	004	000	2	999	9 Appanoose		007 0000
	005	000	2	999	9 Audubon		009 0000
	006	000	2	999	9 Benton		011 0000
	007	292	1		Black Hawk		013 8920
				006	5 Cedar Falls		
				028	4 Waterloo		
				999	9 Balance of county		
	008	000	2		Boone		015 0000
				004	6 Boone		
				999	9 Balance of county		
	009	000	2	999	9 Bremer		017 0000
	010	000	2	999	9 Buchanan		019 0000
	011	000	2	999	9 Buena Vista		021 0000
	012	000	2	999	9 Butler		023 0000
	013	000	2	999	9 Calhoun		025 0000
	014	000	2	999	9 Carroll		027 0000
	015	000	2	999	9 Cass		029 0000
	016	000	2	999	9 Cedar		031 0000
	017	000	2		Cerro Gordo		033 0000
				020	5 Mason City		
				999	9 Balance of county		
	018	000	2	999	9 Cherokee		035 0000
	019	000	2	999	9 Chickasaw		037 0000
	020	000	2	999	9 Clarke		039 0000
	021	000	2		Clay		041 0000
				026	6 Spencer		
				999	9 Balance of county		
	022	000	2	999	9 Clayton		043 0000
	023	000	2		Clinton		045 0000
				008	5 Clinton		
				999	9 Balance of county		
	024	000	2	999	9 Crawford		047 0000
	025	000	2	999	9 Dallas		049 0000
	026	000	2	999	9 Davis		051 0000
	027	000	2	999	9 Decatur		053 0000
	028	000	2	999	9 Delaware		055 0000
	029	000	2		Des Moines		057 0000
				005	5 Burlington		
				999	9 Balance of county		
	030	000	2	999	9 Dickinson		059 0000
	031	079	1		Dubuque		061 2200
				012	4 Dubuque		
				999	9 Balance of county		
	032	000	2	999	9 Emmet		063 0000
	033	000	2	999	9 Fayette		065 0000
	034	000	2	999	9 Floyd		067 0000
	035	000	2	999	9 Franklin		069 0000
	036	000	2	999	9 Fremont		071 0000
	037	000	2	999	9 Greene		073 0000
	038	000	2	999	9 Grundy		075 0000
	039	000	2	999	9 Guthrie		077 0000
	040	000	2	999	9 Hamilton		079 0000
	041	000	2	999	9 Hancock		081 0000
	042	000	2	999	9 Hardin		083 0000
	043	000	2	999	9 Harrison		085 0000
	044	000	2	999	9 Henry		087 0000
	045	000	2	999	9 Howard		089 0000
	046	000	2	999	9 Humboldt		091 0000
	047	000	2	999	9 Ida		093 0000
	048	000	2	999	9 Iowa		095 0000
	049	000	2	999	9 Jackson		097 0000
	050	000	2		Jasper		099 0000
				022	6 Newton		
				999	9 Balance of county		
	051	000	2	999	9 Jefferson		101 0000
	052	124	1		Johnson		103 3500
				016	4 Iowa City		
				999	9 Balance of county		
	053	000	2	999	9 Jones		105 0000
	054	000	2	999	9 Keokuk		107 0000
	055	000	2	999	9 Kossuth		109 0000

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
16						Iowa	19		
	056	000	2			Lee		111	0000
				014	6	Fort Madison			
				017	6	Keokuk			
				999	9	Balance of county			
	057	051	1			Linn		113	1360
				007	3	Cedar Rapids			
				018	6	Marion			
				999	9	Balance of county			
	058	000	2	999	9	Louisa		115	0000
	059	000	2	999	9	Lucas		117	0000
	060	000	2	999	9	Lyon		119	0000
	061	000	2	999	9	Madison		121	0000
	062	000	2			Mahaska		123	0000
				023	6	Oskaloosa			
				999	9	Balance of county			
	063	000	2	999	9	Marion		125	0000
	064	000	2			Marshall		127	0000
				019	5	Marshalltown			
				999	9	Balance of county			
	065	000	2	999	9	Mills		129	0000
	066	000	2	999	9	Mitchell		131	0000
	067	000	2	999	9	Monona		133	0000
	068	000	2	999	9	Monroe		135	0000
	069	000	2	999	9	Montgomery		137	0000
	070	000	2			Muscatine		139	0000
				021	6	Muscatine			
				999	9	Balance of county			
	071	000	2	999	9	O'Brien		141	0000
	072	000	2	999	9	Osceola		143	0000
	073	000	2	999	9	Page		145	0000
	074	000	2	999	9	Palo Alto		147	0000
	075	000	2	999	9	Plymouth		149	0000
	076	000	2	999	9	Pocahontas		151	0000
	077	077	1			Polk		153	2120
				002	6	Ankeny			
				011	3	Des Moines			
				027	6	Urbandale			
				029	6	West Des Moines			
				999	9	Balance of county			
	078	201	1			Pottawattamie		155	5920
				009	4	Council Bluffs			
				999	9	Balance of county			
	079	000	2	999	9	Poweshiek		157	0000
	080	000	2	999	9	Ringgold		159	0000
	081	000	2	999	9	Sac		161	0000
	082	072	1			Scott		163	1960
				003	5	Bettendorf			
				010	3	Davenport			
				999	9	Balance of county			
	083	000	2	999	9	Shelby		165	0000
	084	000	2	999	9	Sioux		167	0000
	085	000	2			Story		169	0000
				001	5	Ames			
				999	9	Balance of county			
	086	000	2	999	9	Tama		171	0000
	087	000	2	999	9	Taylor		173	0000
	088	000	2	999	9	Union		175	0000
	089	000	2	999	9	Van Buren		177	0000
	090	000	2			Wapello		179	0000
				024	5	Ottumwa			
				999	9	Balance of county			
	091	077	1			Warren		181	2120
				015	6	Indianola			
				999	9	Balance of county			
	092	000	2	999	9	Washington		183	0000
	093	000	2	999	9	Wayne		185	0000
	094	000	2			Webster		187	0000
				013	5	Fort Dodge			
				999	9	Balance of county			
	095	000	2	999	9	Winnebago		189	0000
	096	000	2	999	9	Winneshiek		191	0000
	097	261	1			Woodbury		193	7720
				025	4	Sioux City			
				999	9	Balance of county			

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

Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA		
17					Kansas	20			
001	000	2	999	9	Allen	001	0000		
002	000	2	999	9	Anderson	003	0000		
003	000	2			Atchison	005	0000		
			002	6	Atchison				
			999	9	Balance of county				
004	000	2	999	9	Barber	007	0000		
005	000	2			Barton	009	0000		
			009	6	Great Bend				
			999	9	Balance of county				
006	000	2	999	9	Bourbon	011	0000		
007	000	2	999	9	Brown	013	0000		
008	296	1			Butler	015	9040		
			006	6	El Dorado				
			999	9	Balance of county				
009	000	2	999	9	Chase	017	0000		
010	000	2	999	9	Chautauqua	019	0000		
011	000	2	999	9	Cherokee	021	0000		
012	000	2	999	9	Cheyenne	023	0000		
013	000	2	999	9	Clark	025	0000		
014	000	2	999	9	Clay	027	0000		
015	000	2	999	9	Cloud	029	0000		
016	000	2	999	9	Coffey	031	0000		
017	000	2	999	9	Comanche	033	0000		
018	000	2			Cowley	035	0000		
			001	6	Arkansas City				
			034	6	Winfield				
			999	9	Balance of county				
019	000	2			Crawford	037	0000		
			028	6	Pittsburg				
			999	9	Balance of county				
020	000	2	999	9	Decatur	039	0000		
021	000	2	999	9	Dickinson	041	0000		
022	000	2	999	9	Doniphan	043	0000		
023	151	1			Douglas	045	4150		
			015	4	Lawrence				
			999	9	Balance of county				
024	000	2	999	9	Edwards	047	0000		
025	000	2	999	9	Elk	049	0000		
026	000	2			Ellis	051	0000		
			010	6	Hays				
			999	9	Balance of county				
027	000	2	999	9	Ellsworth	053	0000		
028	000	2			Finney	055	0000		
			008	6	Garden City				
			999	9	Balance of county				
029	000	2			Ford	057	0000		
			005	6	Dodge City				
			999	9	Balance of county				
030	000	2			Franklin	059	0000		
			025	6	Ottawa				
			999	9	Balance of county				
031	000	2			Geary	061	0000		
			013	6	Junction City				
			999	9	Balance of county				
032	000	2	999	9	Gove	063	0000		
033	000	2	999	9	Graham	065	0000		
034	000	2	999	9	Grant	067	0000		
035	000	2	999	9	Gray	069	0000		
036	000	2	999	9	Greeley	071	0000		
037	000	2	999	9	Greenwood	073	0000		
038	000	2	999	9	Hamilton	075	0000		
039	000	2	999	9	Harper	077	0000		
040	000	2			Harvey	079	0000		
			023	6	Newton				
			999	9	Balance of county				
041	000	2	999	9	Haskell	081	0000		
042	000	2	999	9	Hodgeman	083	0000		
043	000	2	999	9	Jackson	085	0000		
044	279	1	999	9	Jefferson	087	8440		
045	000	2	999	9	Jewell	089	0000		
046	136	1			Johnson	091	3760		
			017	6	Leawood				
			018	6	Lenexa				
			022	6	Merriam				

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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
19					Louisiana	22
			033	6	West Monroe	
			999	9	Balance of parish	
038	000	2	999	9	Plaquemines	075 0000
039	000	2	999	9	Pointe Coupee	077 0000
040	006	1			Rapides	079 0220
			002	4	Alexandria	
			026	6	Pineville	
			999	9	Balance of parish	
041	000	2	999	9	Red River	081 0000
042	000	2	999	9	Richland	083 0000
043	000	2	999	9	Sabine	085 0000
044	189	1	999	9	St. Bernard	087 5560
045	000	2	999	9	St. Charles	089 0000
046	000	2	999	9	St. Helena	091 0000
047	000	2	999	9	St. James	093 0000
048	000	2	999	9	St. John the Baptist	095 0000
049	000	2			St. Landry	097 0000
			010	6	Eunice, part	
			025	6	Opelousas	
			999	9	Balance of parish	
050	000	2	999	9	St. Martin	099 0000
051	000	2			St. Mary	101 0000
			021	6	Morgan City	
			999	9	Balance of parish	
052	189	1			St. Tammany	103 5560
			029	5	Slideell	
			999	9	Balance of parish	
053	000	2			Tangipahoa	105 0000
			012	6	Hammond	
			999	9	Balance of parish	
054	000	2	999	9	Tensas	107 0000
055	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			Franklin	007	0000
005	000	2			Hancock	009	0000
006	000	2			Kennebec	011	0000
			002	6	Augusta		
			011	6	Waterville		
			999	9	Balance of county		
007	000	2			Knox	013	0000
008	000	2			Lincoln	015	0000
009	000	2			Oxford	017	0000
010	025	1			Penobscot	019	0733
			003	5	Bangor		
			999	9	Balance of county		
011	000	2			Piscataquis	021	0000
012	217	1			Sagadahoc	023	6403
			004	6	Bath		
			999	9	Balance of county		
013	000	2			Somerset	025	0000
014	000	2			Waldo	027	0000
015	000	2			Washington	029	0000
016	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			Baltimore		005	0720
	004	024	1			Baltimore city		510	0720
	005	000	2			Calvert		009	0000
	006	000	2			Caroline		011	0000
	007	024	1			Carroll		013	0720
	008	299	1			Cecil		015	9160
	009	291	1			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			Garrett		023	0000
	013	024	1			Harford		025	0720
				001	6	Aberdeen			
				999	9	Balance of county			
	014	024	1			Howard		027	0720
	015	000	2			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			Queen Anne's		035	0000
	019	000	2			St. Mary's		037	0000
	020	000	2			Somerset		039	0000
	021	000	2			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			Worcester		047	0000

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			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	Eurton			
				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	Geogebic		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	Maristee		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
St Cnty SMSA M/NM City P/S State, County, City, or Country Name
23 Michigan
 999 9 Balance of county

FIPS Codes
St Cnty SMSA
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Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		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	Mnnetonka				
			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	Pipstone	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						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
25						Mississippi	28
	001	000	2			Adams	001 0000
				019	6	Natchez	
				999	9	Balance of county	
	002	000	2			Alcorn	003 0000
				008	6	Corinth	
				999	9	Balance of county	
	003	000	2			Amite	005 0000
	004	000	2			Attala	007 0000
	005	000	2			Benton	009 0000
	006	000	2			Bolivar	011 0000
				005	6	Cleveland	
				999	9	Balance of county	
	007	000	2			Calhoun	013 0000
	008	000	2			Carroll	015 0000
	009	000	2			Chickasaw	017 0000
	010	000	2			Choctaw	019 0000
	011	000	2			Claiborne	021 0000
	012	000	2			Clarke	023 0000
	013	000	2			Clay	025 0000
	014	000	2			Coahoma	027 0000
				004	6	Clarksdale	
				999	9	Balance of county	
	015	000	2			Copiah	029 0000
	016	000	2			Covington	031 0000
	017	172	1			De Soto	033 4920
	018	000	2			Forrest	035 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	019	000	2			Franklin	037 0000
	020	000	2			George	039 0000
	021	000	2			Greene	041 0000
	022	000	2			Grenada	043 0000
				011	6	Grenada	
				999	9	Balance of county	
	023	033	1			Hancock	045 0920
	024	033	1			Harrison	047 0920
				001	5	Biloxi	
				012	5	Gulfport	
				999	9	Balance of county	
	025	126	1			Hinds	049 3560
				006	6	Clinton	
				014	3	Jackson, part	
				999	9	Balance of county	
	026	000	2			Holmes	051 0000
	027	000	2			Humphreys	053 0000
	028	000	2			Issaquena	055 0000
	029	000	2			Itawamba	057 0000
	030	207	1			Jackson	059 6025
				018	6	Moss Point	
				020	6	Ocean Springs	
				021	5	Pascagoula	
				999	9	Balance of county	
	031	000	2			Jasper	061 0000
	032	000	2			Jefferson	063 0000
	033	000	2			Jefferson Davis	065 0000
	034	000	2			Jones	067 0000
				015	6	Laurel	
				999	9	Balance of county	
	035	000	2			Kemper	069 0000
	036	000	2			Lafayette	071 0000
	037	000	2			Lamar	073 0000
				013	5	Hattiesburg, part	
				999	9	Balance of county	
	038	000	2			Lauderdale	075 0000
				017	5	Meridian	
				999	9	Balance of county	
	039	000	2			Lawrence	077 0000
	040	000	2			Leake	079 0000
	041	000	2			Lee	081 0000
				025	6	Tupelo	
				999	9	Balance of county	
	042	000	2			Leflore	083 0000
				010	6	Greenwood	
				999	9	Balance of county	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
25						Mississippi	28
	043	000	2			Lincoln	085 0000
				002	6	Brookhaven	
				999	9	Balance of county	
	044	000	2			Lowndes	087 0000
				007	5	Columbus	
				999	9	Balance of county	
	045	000	2			Madison	089 0000
				003	6	Canton	
				999	9	Balance of county	
	046	000	2			Marion	091 0000
	047	000	2			Marshall	093 0000
	048	000	2			Monroe	095 0000
	049	000	2			Montgomery	097 0000
	050	000	2			Neshoba	099 0000
	051	000	2			Newton	101 0000
	052	000	2			Noxubee	103 0000
	053	000	2			Oktibbeha	105 0000
				024	6	Starkville	
				999	9	Balance of county	
	054	000	2			Panola	107 0000
	055	000	2			Pearl River	109 0000
				023	6	Picayune	
				999	9	Balance of county	
	056	000	2			Perry	111 0000
	057	000	2			Pike	113 0000
				016	6	McComb	
				999	9	Balance of county	
	058	000	2			Pontotoc	115 0000
	059	000	2			Prentiss	117 0000
	060	000	2			Quitman	119 0000
	061	126	1			Rankin	121 3560
				014	3	Jackson, part	
				022	6	Pearl	
				999	9	Balance of county	
	062	000	2			Scott	123 0000
	063	000	2			Sharkey	125 0000
	064	000	2			Simpson	127 0000
	065	000	2			Smith	129 0000
	066	033	1			Stone	131 0920
	067	000	2			Sunflower	133 0000
	068	000	2			Tallahatchie	135 0000
	069	000	2			Tate	137 0000
	070	000	2			Tippah	139 0000
	071	000	2			Tishomingo	141 0000
	072	000	2			Tunica	143 0000
	073	000	2			Union	145 0000
	074	000	2			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			Wayne	153 0000
	078	000	2			Webster	155 0000
	079	000	2			Wilkinson	157 0000
	080	000	2			Winston	159 0000
	081	000	2			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			Andrew		003	7000
	003	000	2			Atchison		005	0000
	004	000	2			Audrain		007	0000
				034	6	Mexico			
				999	9	Balance of county			
	005	000	2			Barry		009	0000
	006	000	2			Barton		011	0000
	007	000	2			Bates		013	0000
	008	000	2			Benton		015	0000
	009	000	2			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			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			Camden		029	0000
	016	000	2			Cape Girardeau		031	0000
				008	5	Cape Girardeau			
				999	9	Balance of county			
	017	000	2			Carroll		033	0000
	018	000	2			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			Cedar		039	0000
	021	000	2			Chariton		041	0000
	022	266	1			Christian		043	7920
	023	000	2			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			Clinton		049	0000
	026	000	2			Cole		051	0000
				023	5	Jefferson City, part			
				999	9	Balance of county			
	027	000	2			Cooper		053	0000
	028	000	2			Crawford		055	0000
	029	000	2			Dade		057	0000
	030	000	2			Dallas		059	0000
	031	000	2			Daviess		061	0000
	032	000	2			De Kalb		063	0000
	033	000	2			Dent		065	0000
	034	000	2			Douglas		067	0000
	035	000	2			Dunklin		069	0000
				027	6	Kennett			
				999	9	Balance of county			
	036	241	1			Franklin		071	7040
	037	000	2			Gasconade		073	0000
	038	000	2			Gentry		075	0000
	039	266	1			Greene		077	7920
				048	3	Springfield			
				999	9	Balance of county			
	040	000	2			Grundy		079	0000
	041	000	2			Harrison		081	0000
	042	000	2			Henry		083	0000
	043	000	2			Hickory		085	0000
	044	000	2			Holt		087	0000

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
26					Missouri	29		
	045	000	2	999	9 Howard		089	0000
	046	000	2	999	9 Howell		091	0000
	047	000	2	999	9 Iron		093	0000
	048	136	1		Jackson		095	3760
				006	5 Blue Springs			
				019	6 Grandview			
				022	3 Independence, part			
				026	2 Kansas City, part			
				030	5 Lee's Summit, part			
				038	5 Raytown			
				999	9 Balance of county			
	049	133	1		Jasper		097	3710
				009	6 Carthage			
				025	5 Joplin, part			
				999	9 Balance of county			
	050	241	1		Jefferson		099	7040
				001	6 Arnold			
				999	9 Balance of county			
	051	000	2		Johnson		101	0000
				050	6 Warrensburg			
				999	9 Balance of county			
	052	000	2	999	9 Knox		103	0000
	053	000	2	999	9 LaClede		105	0000
	054	000	2	999	9 Lafayette		107	0000
	055	000	2	999	9 Lawrence		109	0000
	056	000	2	999	9 Lewis		111	0000
	057	000	2	999	9 Lincoln		113	0000
	058	000	2	999	9 Linn		115	0000
	059	000	2	999	9 Livingston		117	0000
	060	000	2	999	9 McDonald		119	0000
	061	000	2	999	9 Macon		121	0000
	062	000	2	999	9 Madison		123	0000
	063	000	2	999	9 Maries		125	0000
	064	000	2		Marion		127	0000
				020	6 Hannibal, part			
				999	9 Balance of county			
	065	000	2	999	9 Mercer		129	0000
	066	000	2	999	9 Miller		131	0000
	067	000	2	999	9 Mississippi		133	0000
	068	000	2	999	9 Moniteau		135	0000
	069	000	2	999	9 Monroe		137	0000
	070	000	2	999	9 Montgomery		139	0000
	071	000	2	999	9 Morgan		141	0000
	072	000	2		New Madrid		143	0000
				047	6 Sikeston, part			
				999	9 Balance of county			
	073	133	1		Newton		145	3710
				025	5 Joplin, part			
				999	9 Balance of county			
	074	000	2	999	9 No. Jay		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	Reynolds		179 0000
	091	000	2	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	St. Clair		185 0000
	094	000	2	St. Genevieve		186 0000
	095	000	2	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	St. Louis city		510 7040
	098	000	2	Saline		195 0000
			033 6	Marshall		
			999 9	Balance of county		
	099	000	2	Schuyler		197 0000
	100	000	2	Scotland		199 0000
	101	000	2	Scott		201 0000
			047 6	Sikeston, part		
			999 9	Balance of county		
	102	000	2	Shannon		203 0000
	103	000	2	Shelby		205 0000
	104	000	2	Stoddard		207 0000
	105	000	2	Stone		209 0000
	106	000	2	Sullivan		211 0000
	107	000	2	Taney		213 0000
	108	000	2	Texas		215 0000
	109	000	2	Vernon		217 0000
	110	000	2	Warren		219 0000
	111	000	2	Washington		221 0000
	112	000	2	Wayne		223 0000
	113	000	2	Webster		225 0000
	114	000	2	Worth		227 0000
	115	000	2	Wright		229 0000

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
28					Nebraska	31		
	059	000	2	999 9	McPherson		117	0000
	060	000	2		Madison		119	0000
				009 6	Norfolk			
				999 9	Balance of county			
	061	000	2	999 9	Merrick		121	0000
	062	000	2	999 9	Morrill		123	0000
	063	000	2	999 9	Nance		125	0000
	064	000	2	999 9	Nemaha		127	0000
	065	000	2	999 9	Nuckolls		129	0000
	066	000	2	999 9	Otoe		131	0000
	067	000	2	999 9	Pawnee		133	0000
	068	000	2	999 9	Perkins		135	0000
	069	000	2	999 9	Phelps		137	0000
	070	000	2	999 9	Pierce		139	0000
	071	000	2		Platte		141	0000
				003 6	Columbus			
				999 9	Balance of county			
	072	000	2	999 9	Polk		143	0000
	073	000	2	999 9	Red Willow		145	0000
	074	000	2	999 9	Richardson		147	0000
	075	000	2	999 9	Rock		149	0000
	076	000	2	999 9	Saline		151	0000
	077	201	1		Sarpy		153	5920
				002 6	Bellevue			
				999 9	Balance of county			
	078	000	2	999 9	Saunders		155	0000
	079	000	2		Scotts Bluff		157	0000
				012 6	Scottsbluff			
				999 9	Balance of county			
	080	000	2	999 9	Seward		159	0000
	081	000	2	999 9	Sheridan		161	0000
	082	000	2	999 9	Sherman		163	0000
	083	000	2	999 9	Sioux		165	0000
	084	000	2	999 9	Stanton		167	0000
	085	000	2	999 9	Thayer		169	0000
	086	000	2	999 9	Thomas		171	0000
	087	000	2	999 9	Thurston		173	0000
	088	000	2	999 9	Valley		175	0000
	089	000	2	999 9	Washington		177	0000
	090	000	2	999 9	Wayne		179	0000
	091	000	2	999 9	Webster		181	0000
	092	000	2	999 9	Wheeler		183	0000
	093	000	2	999 9	York		185	0000

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
29				Nevada	32	
	001	000	2 001 5	Carson City city		510 0000
	002	000	2 999 9	Churchill		001 0000
	003	150	1	Clark		003 4120
			002 6	Henderson		
			003 3	Las Vegas		
			004 5	North Las Vegas		
			999 9	Balance of county		
	004	000	2 999 9	Douglas		005 0000
	005	000	2 999 9	Elko		007 0000
	006	000	2 999 9	Esmeralda		009 0000
	007	000	2 999 9	Eureka		011 0000
	008	000	2 999 9	Humboldt		013 0000
	009	000	2 999 9	Lander		015 0000
	010	000	2 999 9	Lincoln		017 0000
	011	000	2 999 9	Lyon		019 0000
	012	000	2 999 9	Mineral		021 0000
	013	000	2 999 9	Nye		023 0000
	014	000	2 999 9	Pershing		027 0000
	015	000	2 999 9	Storey		029 0000
	016	228	1	Washoe		031 6720
			005 3	Reno		
			006 5	Sparks		
			999 9	Balance of county		
	017	000	2 999 9	White Pine		033 0000

Vital Statistics Codes						FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA	
30					New Hampshire	33		
001	000	2			Belknap	001	0000	
			006	6	Laconia			
			999	9	Balance of county			
002	000	2	999	9	Carroll	003	0000	
003	000	2			Cheshire	005	0000	
			005	6	Keene			
			999	9	Balance of county			
004	000	2			Coos	007	0000	
			001	6	Berlin			
			999	9	Balance of county			
005	000	2			Grafton	009	0000	
			007	6	Lebanon			
			999	9	Balance of county			
006	167	1			Hillsborough	011	4763	
			008	4	Manchester			
			009	4	Nashua			
			999	9	Balance of county			
007	000	2			Merrimack	013	0000	
			003	5	Concord			
			999	9	Balance of county			
008	219	1			Rockingham	015	6453	
			010	5	Portsmouth			
			999	9	Balance of county			
009	219	1			Strafford	017	6453	
			004	6	Dover			
			011	6	Rochester			
			012	6	Somersworth			
			999	9	Balance of county			
010	000	2			Sullivan	019	0000	
			002	6	Claremont			
			999	9	Balance of county			

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			St Cnty	SMSA
31				New Jersey		34	
	001	020	1	Atlantic			001 0560
			003	5	Atlantic City		
			053	6	Hammonton		
			120	6	Pleasantville		
			139	6	Somers Point		
			152	6	Ventnor City		
			999	9	Balance of county		
	002	190	1	Bergen			003 5600
			007	5	Bergenfield		
			020	6	Cliffside Park		
			029	6	Dumont		
			036	6	Elmwood Park		
			037	6	Englewood		
			039	5	Fair Lawn		
			040	6	Fairview		
			041	5	Fort Lee		
			044	5	Garfield		
			046	6	Glen Rock		
			049	5	Hackensack		
			056	6	Hasbrouck Heights		
			060	6	Hillsdale		
			075	6	Lodi		
			077	6	Lyndhurst township		
			096	6	New Milford		
			098	6	North Arlington		
			103	6	Oakland		
			108	6	Palisades Park		
			109	5	Paramus		
			125	6	Ramsey		
			127	6	Ridgefield		
			128	6	Ridgefield Park		
			129	5	Ridgewood		
			131	6	River Edge		
			134	6	Rutherford		
			135	6	Saddle Brook township		
			146	5	Teaneck township		
			147	6	Tenafly		
			156	6	Waldwick		
			157	6	Wallington		
			168	6	Westwood		
			172	6	Wyckoff township		
			999	9	Balance of county		
	003	212	1	Burlington			005 6160
			013	6	Burlington		
			018	6	Cinnaminson township		
			024	6	Delran township		
			081	6	Maple Shade township		
			089	6	Moorestown township		
			092	6	Mount Holly township		
			113	5	Pemberton township		
			169	5	Willingboro township		
			999	9	Balance of county		
	004	212	1	Camden			007 6160
			006	6	Bellmawr		
			014	4	Camden		
			017	4	Cherry Hill township		
			022	6	Collingswood		
			047	5	Gloucester township		
			048	6	Gloucester City		
			050	6	Haddon township		
			051	6	Haddonfield		
			072	6	Lindenwold		
			114	5	Pennsauken township		
			155	6	Voorhees township		
			999	9	Balance of county		
	005	000	2	Cape May			009 0000
			105	6	Ocean City		
			999	9	Balance of county		
	006	288	1	Cumberland			011 8760
			011	6	Bridgeton		
			087	6	Millville		
			154	4	Vineland		
			999	9	Balance of county		
	007	191	1	Essex			013 5640
			005	5	Belleville		

Vital Statistics Codes					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					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
32					New Mexico	35		
	001	005	1		Bernalillo		001	0200
				002	Albuquerque			
				999	Balance of county			
	002	000	2	999	Catron		003	0000
	003	000	2		Chaves		005	0000
				011	Roswell			
				999	Balance of county			
	004	000	2	999	Cibola		006	0000
	005	000	2	999	Colfax		007	0000
	006	000	2		Curry		009	0000
				005	Clovis			
				999	Balance of county			
	007	000	2	999	De Baca		011	0000
	008	149	1		Dona Ana		013	4100
				009	Las Cruces			
				999	Balance of county			
	009	000	2		Eddy		015	0000
				003	Artesia			
				004	Carlsbad			
				999	Balance of county			
	010	000	2	999	Grant		017	0000
	011	000	2	999	Guadalupe		019	0000
	012	000	2	999	Harding		021	0000
	013	000	2	999	Hidalgo		023	0000
	014	000	2		Lea		025	0000
				008	Hobbs			
				999	Balance of county			
	015	000	2	999	Lincoln		027	0000
	016	000	2	999	Los Alamos		028	0000
	017	000	2	999	Luna		029	0000
	018	000	2		McKinley		031	0000
				007	Gallup			
				999	Balance of county			
	019	000	2	999	Mora		033	0000
	020	000	2		Otero		035	0000
				001	Alamogordo			
				999	Balance of county			
	021	000	2	999	Quay		037	0000
	022	000	2	999	Rio Arriba		039	0000
	023	000	2	999	Roosevelt		041	0000
	024	005	1	999	Sandoval		043	0200
	025	000	2		San Juan		045	0000
				006	Farmington			
				999	Balance of county			
	026	000	2		San Miguel		047	0000
				010	Las Vegas			
				999	Balance of county			
	027	000	2		Santa Fe		049	0000
				012	Santa Fe			
				999	Balance of county			
	028	000	2	999	Sierra		051	0000
	029	000	2	999	Socorro		053	0000
	030	000	2	999	Taos		055	0000
	031	000	2	999	Torrance		057	0000
	032	000	2	999	Union		059	0000
	033	000	2	999	Valencia		061	0000

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
33						New York	36		
	001	004	1			Albany		001	0160
				001	3	Albany			
				013	6	Cohoes			
				097	6	Watervliet			
				999	9	Balance of county			
	002	000	2	999	9	Allegany		003	0000
	003	034	1			Broome		007	0960
				007	4	Binghamton			
				021	6	Endicott			
				041	6	Johnson City			
				095	5	Vestal town			
				999	9	Balance of county			
	004	000	2			Cattaraugus		009	0000
				065	6	Olean			
				999	9	Balance of county			
	005	000	2			Cayuga		011	0000
				003	5	Auburn			
				999	9	Balance of county			
	006	000	2			Chautauqua		013	0000
				018	6	Dunkirk			
				023	6	Fredonia			
				040	5	Jamestown			
				999	9	Balance of county			
	007	084	1			Chemung		015	2335
				020	5	Elmira			
				999	9	Balance of county			
	008	000	2	999	9	Chenango		017	0000
	009	000	2			Clinton		019	0000
				073	6	Plattsburgh			
				999	9	Balance of county			
	010	000	2	999	9	Columbia		021	0000
	011	000	2			Cortland		023	0000
				015	6	Cortland			
				999	9	Balance of county			
	012	000	2	999	9	Delaware		025	0000
	013	220	1			Dutchess		027	6460
				006	6	Beacon			
				076	5	Poughkeepsie			
				999	9	Balance of county			
	014	046	1			Erie		029	1280
				010	2	Buffalo			
				016	6	Depew			
				033	6	Hamburg			
				042	6	Kenmore			
				045	6	Lackawanna			
				046	6	Lancaster			
				091	6	Tonawanda			
				099	4	West Seneca town			
				999	9	Balance of county			
	015	000	2	999	9	Essex		031	0000
	016	000	2	999	9	Franklin		033	0000
	017	000	2			Fulton		035	0000
				031	6	Gloversville			
				999	9	Balance of county			
	018	000	2			Genesee		037	0000
				005	6	Batavia			
				999	9	Balance of county			
	019	000	2	999	9	Greene		039	0000
	020	000	2	999	9	Hamilton		041	0000
	021	285	1	999	9	Herkimer		043	8680
	022	000	2			Jefferson		045	0000
				096	5	Watertown			
				999	9	Balance of county			
	023	000	2	999	9	Lewis		049	0000
	024	234	1	999	9	Livingston		051	6840
	025	272	1			Madison		053	8160
				066	6	Oneida			
				999	9	Balance of county			
	026	234	1			Monroe		055	6840
				008	5	Brighton town			
				027	5	Gates town			
				032	4	Greece town			
				036	5	Henrietta town			
				038	4	Irondequoit town			

Vital Statistics 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	
				067	6	Niskayuna 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	
			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						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
34						North Carolina	37		
	001	047	1			Alamance		001	1300
				005	5	Burlington			
				999	9	Balance of county			
	002	118	1			Alexander		003	3290
	003	000	2			Alleghany		005	0000
	004	000	2			Anson		007	0000
	005	000	2			Ashe		009	0000
	006	000	2			Avery		011	0000
	007	000	2			Beaufort		013	0000
	008	000	2			Bertie		015	0000
	009	000	2			Bladen		017	0000
	010	300	1			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			Carteret		031	0000
	017	000	2			Caswell		033	0000
	018	118	1			Catawba		035	3290
				021	6	Hickory, part			
				999	9	Balance of county			
	019	000	2			Chatham		037	0000
	020	000	2			Cherokee		039	0000
	021	000	2			Chowan		041	0000
	022	000	2			Clay		043	0000
	023	000	2			Cleveland		045	0000
				038	6	Shelby			
				999	9	Balance of county			
	024	000	2			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			Currituck		053	5720
	028	000	2			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			Davie		059	0000
	031	000	2			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			Franklin		069	0000
	036	055	1			Gaston		071	1520
				015	5	Gastonia			
				999	9	Balance of county			
	037	000	2			Gates		073	0000
	038	000	2			Graham		075	0000
	039	000	2			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	Tyrnell	177 0000
090	055	1			Union	179 1520
				029 6	Monroe	
				999 9	Balance of county	
091	000	2			Vance	181 0000
				020 6	Henderson	
				999 9	Balance of county	
092	225	1			Wake	183 6640
				006 6	Cary	
				014 6	Garner	
				032 3	Raleigh	
				999 9	Balance of county	
093	000	2		999 9	Warren	185 0000
094	000	2		999 9	Washington	187 0000
095	000	2			Watauga	189 0000
				004 6	Boone	
				999 9	Balance of county	
096	000	2			Wayne	191 0000
				016 5	Goldsboro	
				999 9	Balance of county	
097	000	2		999 9	Wilkes	193 0000
098	000	2			Wilson	195 0000
				042 5	Wilson	
				999 9	Balance of county	
099	112	1		999 9	Yadkin	197 3120
100	000	2		999 9	Yancey	199 0000

Vital Statistics Codes .					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
35					North Dakota	38		
001	000	2	999	9	Adams	001	0000	
002	000	2	999	9	Barnes	003	0000	
003	000	2	999	9	Benson	005	0000	
004	000	2	999	9	Billings	007	0000	
005	000	2	999	9	Bottineau	009	0000	
006	000	2	999	9	Bowman	011	0000	
007	000	2	999	9	Burke	013	0000	
008	036	1			Burlington	015	1010	
			001	5	Bismarck			
			999	9	Balance of county			
009	089	1			Cass	017	2520	
			003	4	Fargo			
			008	6	West Fargo			
			999	9	Balance of county			
010	000	2	999	9	Cavalier	019	0000	
011	000	2	999	9	Dickey	021	0000	
012	000	2	999	9	Divide	023	0000	
013	000	2	999	9	Dunn	025	0000	
014	000	2	999	9	Eddy	027	0000	
015	000	2	999	9	Emmons	029	0000	
016	000	2	999	9	Foster	031	0000	
017	000	2	999	9	Golden Valley	033	0000	
018	107	1			Grand Forks	035	2985	
			004	5	Grand Forks			
			999	9	Balance of county			
019	000	2	999	9	Grant	037	0000	
020	000	2	999	9	Griggs	039	0000	
021	000	2	999	9	Hettinger	041	0000	
022	000	2	999	9	Kidder	043	0000	
023	000	2	999	9	La Moure	045	0000	
024	000	2	999	9	Logan	047	0000	
025	000	2	999	9	McHenry	049	0000	
026	000	2	999	9	McIntosh	051	0000	
027	000	2	999	9	McKenzie	053	0000	
028	000	2	999	9	McLean	055	0000	
029	000	2	999	9	Mercer	057	0000	
030	036	1			Morton	059	1010	
			006	6	Mandan			
			999	9	Balance of county			
031	000	2	999	9	Mountrail	061	0000	
032	000	2	999	9	Nelson	063	0000	
033	000	2	999	9	Oliver	065	0000	
034	000	2	999	9	Pembina	067	0000	
035	000	2	999	9	Pierce	069	0000	
036	000	2	999	9	Ramsey	071	0000	
037	000	2	999	9	Ransom	073	0000	
038	000	2	999	9	Renville	075	0000	
039	000	2	999	9	Richland	077	0000	
040	000	2	999	9	Rolette	079	0000	
041	000	2	999	9	Sargent	081	0000	
042	000	2	999	9	Sheridan	083	0000	
043	000	2	999	9	Sioux	085	0000	
044	000	2	999	9	Slope	087	0000	
045	000	2			Stark	089	0000	
			002	6	Dickinson			
			999	9	Balance of county			
046	000	2	999	9	Steele	091	0000	
047	000	2			Stutsman	093	0000	
			005	6	Jamestown			
			999	9	Balance of county			
048	000	2	999	9	Towner	095	0000	
049	000	2	999	9	Traill	097	0000	
050	000	2	999	9	Walsh	099	0000	
051	000	2			Ward	101	0000	
			007	5	Minot			
			999	9	Balance of county			
052	000	2	999	9	Wells	103	0000	
053	000	2			Williams	105	0000	
			009	6	Williston			
			999	9	Balance of county			

Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
36						Ohio	39		
	001	000	2	999	9	Adams		001	0000
	002	155	1			Allen		003	4320
				067	5	Lima			
				999	9	Balance of county			
	003	000	2			Ashland		005	0000
				004	6	Ashland			
				999	9	Balance of county			
	004	000	2			Ashtabula		007	0000
				005	6	Ashtabula			
				033	6	Conneaut			
				999	9	Balance of county			
	005	000	2			Athens		009	0000
				006	6	Athens			
				999	9	Balance of county			
	006	155	1			Auglaize		011	4320
	007	295	1			Belmont		013	9000
	008	000	2			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			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			Clermont		025	1640
	014	000	2			Clinton		027	0000
				145	6	Wilmington			
				999	9	Balance of county			
	015	000	2			Columbiana		029	0000
				042	6	East Liverpool			
				108	6	Salem			
				999	9	Balance of county			
	016	000	2			Coshocton		031	0000
				034	6	Coshocton			
				999	9	Balance of county			
	017	000	2			Crawford		033	0000
				022	6	Bucyrus			
				055	6	Galion			
				999	9	Balance of county			
	018	062	1			Cuyahoga		035	1680
				009	6	Bay Village			
				011	6	Bedford			
				012	6	Bedford Heights			
				014	6	Berea			
				017	6	Brecksville			
				018	6	Broadview Heights			
				019	6	Brooklyn			
				020	5	Brook Park			
				030	1	Cleveland			
				031	4	Cleveland Heights			
				040	5	East Cleveland			
				045	4	Euclid			
				048	6	Fairview Park			
				056	5	Garfield Heights			
				065	4	Lakewood			
				069	6	Lyndhurst			
				071	5	Maple Heights			
				076	6	Mayfield Heights			
				080	6	Middleburg Heights			
				089	5	North Olmsted			
				091	6	North Royalton			
				098	4	Parma			
				099	6	Parma Heights			
				106	6	Richmond Heights			
				107	6	Rocky River			
				110	6	Seven Hills			
				111	5	Shaker Heights			
				115	6	Solon			

Vital Statistics Codes					FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
36					Ohio	39
				116 5	South Euclid	
				121 5	Strongsville	
				128 6	University Heights	
				136 6	Warrensville Heights	
				140 6	Westlake	
				999 9	Balance of county	
019	000		2		Darke	037 0000
				058 6	Greenville	
				999 9	Balance of county	
020	000		2		Defiance	039 0000
				037 6	Defiance	
				999 9	Balance of county	
021	067		1		Delaware	041 1840
				038 6	Delaware	
				139 6	Westerville, part	
				999 9	Balance of county	
022	000		2		Erie	043 0000
				109 5	Sandusky	
				133 6	Vermilion, part	
				999 9	Balance of county	
023	067		1		Fairfield	045 1840
				032 1	Columbus, part	
				066 5	Lancaster	
				105 6	Reynoldsburg, part	
				999 9	Balance of county	
024	000		2		Fayette	047 0000
				137 6	Washington	
				999 9	Balance of county	
025	067		1		Franklin	049 1840
				015 6	Bexley	
				032 1	Columbus, part	
				054 6	Gahanna	
				059 6	Grove City	
				105 6	Reynoldsburg, part	
				129 5	Upper Arlington	
				139 6	Westerville, part	
				141 6	Whitehall	
				147 6	Worthington	
				999 9	Balance of county	
026	278		1		Fulton	051 8400
027	000		2		Gallia	053 0000
028	062		1		Geauga	055 1680
029	073		1		Greene	057 2000
				010 5	Beavercreek	
				036 3	Dayton, part	
				046 5	Fairborn	
				148 6	Xenia	
				999 9	Balance of county	
030	000		2		Guernsey	059 0000
				023 6	Cambridge	
				999 9	Balance of county	
031	060		1		Hamilton	061 1640
				028 2	Cincinnati	
				050 6	Forest Park	
				082 6	Montgomery	
				088 6	North College Hill	
				094 5	Norwood	
				104 6	Reading	
				112 6	Sharonville	
				117 6	Springdale	
				999 9	Balance of county	
032	000		2		Hancock	063 0000
				049 5	Findlay	
				051 6	Fostoria, part	
				999 9	Balance of county	
033	000		2		Hardin	065 0000
034	000		2		Harrison	067 0000
035	000		2		Henry	069 0000
036	000		2		Highland	071 0000
037	000		2		Hocking	073 0000
038	000		2		Holmes	075 0000
039	000		2		Huron	077 0000
				093 6	Norwalk	
				999 9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
36					Ohio			39
	040	000	2	999	9 Jackson			079 0000
	041	270	1		Jefferson			081 8080
				119	5 Steubenville			
				999	9 Balance of county			
	042	000	2		Knox			083 0000
				083	6 Mount Vernon			
				999	9 Balance of county			
	043	062	1		Lake			085 1680
				041	6 Eastlake			
				078	5 Mentor			
				097	6 Painesville			
				142	6 Wickliffe			
				143	6 Willoughby			
				144	6 Willowick			
				999	9 Balance of county			
	044	121	1		Lawrence			087 3400
				062	6 Ironton			
				999	9 Balance of county			
	045	192	1		Licking			089 5645
				084	5 Newark			
				105	6 Reynoldsburg, part			
				999	9 Balance of county			
	046	000	2		Logan			091 0000
				013	6 Bellefontaine			
				999	9 Balance of county			
	047	160	1		Lorain			093 4440
				003	6 Amherst			
				007	6 Avon Lake			
				043	4 Elyria			
				068	4 Lorain			
				090	6 North Ridgeville			
				113	6 Sheffield Lake			
				133	6 Vermilion, part			
				999	9 Balance of county			
	048	278	1		Lucas			095 8400
				075	6 Maumee			
				095	6 Oregon			
				123	6 Sylvania			
				126	2 Toledo			
				999	9 Balance of county			
	049	067	1		Madison			097 1840
	050	304	1		Mahoning			099 9320
				002	6 Alliance, part			
				024	6 Campbell			
				122	6 Struthers			
				149	3 Youngstown, part			
				999	9 Balance of county			
	051	000	2		Marion			101 0000
				073	5 Marion			
				999	9 Balance of county			
	052	062	1		Medina			103 1680
				021	5 Brunswick			
				077	6 Medina			
				134	6 Wadsworth			
				999	9 Balance of county			
	053	000	2		Meigs			105 0000
	054	000	2		Mercer			107 0000
	055	073	1		Miami			109 2000
				101	6 Piqua			
				127	6 Troy			
				999	9 Balance of county			
	056	000	2		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		Morgan			115 0000
	059	000	2		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		121	0000
	061	000	2			Noble		123	8400
	062	278	1			Ottawa		125	0000
	063	000	2			Paulding		127	0000
	064	000	2			Perry		129	1840
	065	067	1			Pickaway			
				029	6	Circleville			
				999	9	Balance of county		131	0000
	066	000	2			Pike		133	0080
	067	002	1			Portage			
				063	5	Kent			
				103	6	Ravenna			
				999	9	Balance of county		135	2000
	068	073	1			Preble		137	4320
	069	155	1			Putnam		139	4800
	070	168	1			Richland			
				070	4	Mansfield			
				999	9	Balance of county		141	0000
	071	000	2			Ross			
				027	6	Chillicothe			
				999	9	Balance of county		143	0000
	072	000	2			Sandusky			
				053	6	Fremont			
				999	9	Balance of county		145	0000
	073	000	2			Scioto			
				102	5	Portsmouth			
				999	9	Balance of county		147	0000
	074	000	2			Seneca			
				051	6	Fostoria, part			
				125	6	Tiffin			
				999	9	Balance of county		149	0000
	075	000	2			Shelby			
				114	6	Sidney			
				999	9	Balance of county		151	1320
	076	049	1			Stark			
				002	6	Alliance, part			
				025	4	Canton			
				074	5	Massillon			
				087	6	North Canton			
				999	9	Balance of county		153	0080
	077	002	1			Summit			
				001	3	Akron			
				008	5	Barberton			
				035	5	Cuyahoga Falls			
				092	6	Norton			
				120	5	Stow			
				124	6	Tallmadge			
				999	9	Balance of county		155	9320
	078	304	1			Trumbull			
				057	6	Girard			
				086	6	Niles			
				135	4	Warren			
				149	3	Youngstown, part			
				999	9	Balance of county		157	0000
	079	000	2			Tuscarawas			
				039	6	Dover			
				085	6	New Philadelphia			
				999	9	Balance of county		159	0000
	080	000	2			Union		161	4320
	081	155	1			Van Wert			
				132	6	Van Wert			
				999	9	Balance of county		163	0000
	082	000	2			Vinton		165	1640
	083	060	1			Warren			
				052	6	Franklin			
				999	9	Balance of county		167	6020
	084	206	1			Washington			
				072	6	Marietta			
				999	9	Balance of county		169	0000
	085	000	2			Wayne			
				146	6	Wooster			
				999	9	Balance of county			

Vital Statistics Geographic Code Outline Effective With 1982 Data

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					State, County, City, or Country Name	FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S		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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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	Lecanon			
				999	9	Balance of county			
	023	000	2	999	9	Malheur		045	0000
	024	242	1			Marion		047	7080
				025	4	Salem, part			
				029	6	Woodburn			
				999	9	Balance of county			
	025	000	2	999	9	Morrow		049	0000
	026	218	1			Multnomah		051	6440
				011	5	Gresham			
				015	6	Lake Oswego, part			
				019	6	Milwaukie, part			
				023	2	Portland, part			
				999	9	Balance of county			
	027	242	1			Polk		053	7080
				025	4	Salem, part			
				999	9	Balance of county			
	028	000	2	999	9	Sherman		055	0000
	029	000	2	999	9	Tillamook		057	0000
	030	000	2			Umatilla		059	0000
				022	6	Pendleton			
				999	9	Balance of county			
	031	000	2			Union		061	0000
				014	6	La Grande			
				999	9	Balance of county			
	032	000	2	999	9	Wallowa		063	0000

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
38						Oregon	
	033	000	2			Wasco	41 065 0000
				005	6	City of the Dalles	
				999	9	Balance of county	
	034	218	1			Washington	067 6440
				003	5	Beaverton	
				009	6	Forest Grove	
				012	5	Hillsboro	
				015	6	Lake Oswego, part	
				023	2	Portland, part	
				027	6	Tigard	
				999	9	Balance of county	
	035	000	2			Wheeler	069 0000
	036	000	2			Yamhill	071 0000
				017	6	McMinnville	
				020	6	Newberg	
				999	9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
39					Pennsylvania	42	
	001	303	1	999	9 Adams		001 9280
	002	215	1		Allegheny		003 6280
			006	6	Baldwin		
			008	6	Bellevue		
			011	5	Bethel Park		
			015	6	Brentwood		
			022	6	Carnegie		
			023	6	Castle Shannon		
			027	6	Clairton		
			033	6	Dormont		
			035	6	Duquesne		
			039	6	Elizabeth township		
			047	6	Harrison township		
			069	5	McCandless township		
			070	5	McKeesport		
			079	5	Monroeville		
			080	5	Mount Lebanon township		
			082	6	Munhall		
			092	6	North Versailles township		
			095	4	Penn Hills township		
			098	2	Pittsburgh		
			099	5	Plum		
			106	5	Ross township		
			108	6	Scott township		
			110	5	Shaler township		
			113	6	South Park township		
			122	6	Swissvale		
			131	6	Upper St. Clair township		
			138	5	West Mifflin		
			140	6	Whitehall		
			144	6	Wilkinsburg		
			999	9	Balance of county		
	003	000	2	999	9 Armstrong		005 0000
	004	215	1		Beaver		007 6280
			002	6	Aliquippa		
			007	6	Beaver Falls		
			999	9	Balance of county		
	005	000	2	999	9 Bedford		009 0000
	006	226	1		Berks		011 6680
			081	6	Muhlenberg township		
			104	4	Reading		
			999	9	Balance of county		
	007	008	1		Blair		013 0280
			004	4	Altoona		
			999	9	Balance of county		
	008	000	2	999	9 Bradford		015 0000
	009	212	1		Bucks		017 6160
			009	4	Bensalem township		
			016	6	Bristol		
			017	4	Bristol township		
			043	5	Falls township		
			068	6	Lower Southampton township		
			075	5	Middletown township		
			090	5	Northampton township		
			132	6	Upper Southampton township		
			133	5	Warminster township		
			999	9	Balance of county		
	010	000	2		Butler		019 0000
			018	6	Butler		
			999	9	Balance of county		
	011	132	1		Cambria		021 3680
			054	5	Johnstown		
			999	9	Balance of county		
	012	000	2	999	9 Cameron		023 0000
	013	007	1	999	9 Carbon		025 0240
	014	269	1		Centre		027 8050
			118	5	State College		
			999	9	Balance of county		
	015	212	1		Chester		029 6160
			028	6	Coatesville		
			097	6	Phoenixville		
			124	6	Tredyffrin township		
			136	6	West Chester		
			137	6	West Goshen township		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
39					Pennsylvania	42		
				999 9	Balance of county			
	016	000	2	999 9	Clarion		031	0000
	017	000	2	999 9	Clearfield		033	0000
	018	000	2	999 9	Clinton		035	0000
	019	000	2		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	Millicreek 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					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		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	
	001	221	1		Bristol	44 001 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		
42						South Dakota		
	055	000	2	999	9	Sanborn		
	056	000	2	999	9	Shannon		
	057	000	2	999	9	Spink		
	058	000	2	999	9	Stanley		
	059	000	2	999	9	Sully		
	060	000	2	999	9	Todd		
	061	000	2	999	9	Tripp		
	062	000	2	999	9	Turner		
	063	000	2	999	9	Union		
	064	000	2	999	9	Walworth		
	065	000	2			Yankton		
				010	6	Yankton		
				999	9	Balance of county		
	066	000	2	999	9	Ziebach		
46						111	0000	
						113	0000	
						115	0000	
						117	0000	
						119	0000	
						121	0000	
						123	0000	
						125	0000	
						127	0000	
						129	0000	
						135	0000	
						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	999	9	Benton	005	0000	
004	000	2	999	9	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	999	9	Campbell	013	0000	
008	000	2	999	9	Cannon	015	0000	
009	000	2	999	9	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	999	9	Cheatham	021	5360	
012	000	2	999	9	Chester	023	0000	
013	000	2	999	9	Claiborne	025	0000	
014	000	2	999	9	Clay	027	0000	
015	000	2	999	9	Cocke	029	0000	
016	000	2			Coffee	031	0000	
			036	6	Tullahoma, part			
			999	9	Balance of county			
017	000	2	999	9	Crockett	033	0000	
018	000	2	999	9	Cumberland	035	0000	
019	183	1			Davidson	037	5360	
			030	2	Nashville-Davidson			
			999	9	Balance of county			
020	000	2	999	9	Decatur	039	0000	
021	000	2	999	9	De Kalb	041	0000	
022	183	1	999	9	Dickson	043	5360	
023	000	2			Dyer	045	0000	
			009	6	Dyersburg			
			999	9	Balance of county			
024	000	2	999	9	Fayette	047	0000	
025	000	2	999	9	Fentress	049	0000	
026	000	2			Franklin	051	0000	
			036	6	Tullahoma, part			
			999	9	Balance of county			
027	000	2			Gibson	053	0000	
			017	6	Humboldt			
			999	9	Balance of county			
028	000	2	999	9	Giles	055	0000	
029	000	2	999	9	Grainger	057	0000	
030	000	2			Greene	059	0000	
			015	6	Greeneville			
			999	9	Balance of county			
031	000	2	999	9	Grundy	061	0000	
032	000	2			Hamblen	063	0000	
			028	6	Morristown			
			999	9	Balance of county			
033	057	1			Hamilton	065	1560	
			004	3	Chattanooga			
			010	6	East Ridge			
			033	6	Red Bank			
			999	9	Balance of county			
034	000	2	999	9	Hancock	067	0000	
035	000	2	999	9	Hardeman	069	0000	
036	000	2	999	9	Hardin	071	0000	
037	131	1			Hawkins	073	3660	
			020	5	Kingsport, part			
			999	9	Balance of county			
038	000	2	999	9	Haywood	075	0000	
039	000	2	999	9	Henderson	077	0000	
040	000	2			Henry	079	0000	
			032	6	Paris			
			999	9	Balance of county			
041	000	2	999	9	Hickman	081	0000	

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							FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA	
43					Tennessee	47		
			999	9	Balance of county			
084	172	1	999	9	Tipton	167	4920	
085	000	2	999	9	Trousdale	169	0000	
086	131	1	999	9	Unicoi	171	3660	
087	139	1	999	9	Union	173	3840	
088	000	2	999	9	Van Buren	175	0000	
089	000	2			Warren	177	0000	
			024	6	McMinnville			
			999	9	Balance of county			
090	131	1			Washington	179	3660	
			019	5	Johnson City, part			
			999	9	Balance of county			
091	000	2	999	9	Wayne	181	0000	
092	000	2	999	9	Weakley	183	0000	
093	000	2	999	9	White	185	0000	
094	183	1			Williamson	187	5360	
			012	6	Franklin			
			999	9	Balance of county			
095	183	1			Wilson	189	5360	
			023	6	Lebanon			
			999	9	Balance of county			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
44					Texas	48		
	001	000	2		Anderson	001	0000	
				103 6	Palestine			
				999 9	Balance of county			
	002	000	2		Andrews	003	0000	
				005 6	Andrews			
				999 9	Balance of county			
	003	000	2		Angelina	005	0000	
				086 5	Lufkin			
				999 9	Balance of county			
	004	000	2		Aransas	007	0000	
	005	000	2		Archer	009	0000	
				151 4	Wichita Falls, part			
				999 9	Balance of county			
	006	000	2		Armstrong	011	0000	
	007	000	2		Atascosa	013	0000	
	008	000	2		Austin	015	0000	
	009	000	2		Bailey	017	0000	
	010	000	2		Bandera	019	0000	
	011	000	2		Bastrop	021	0000	
	012	000	2		Baylor	023	0000	
	013	000	2		Bee	025	0000	
				015 6	Beeville			
				999 9	Balance of county			
	014	138	1		Bell	027	3810	
				017 6	Belton			
				073 5	Killeen			
				132 5	Temple			
				999 9	Balance of county			
	015	247	1		Bexar	029	7240	
				121 1	San Antonio			
				138 6	Universal City			
				999 9	Balance of county			
	016	000	2		Blanco	031	0000	
	017	000	2		Borden	033	0000	
	018	000	2		Bosque	035	0000	
	019	277	1		Bowie	037	8360	
				134 5	Texarkana			
				999 9	Balance of county			
	020	120	1		Brazoria	039	3360	
				003 6	Alvin			
				006 6	Angleton			
				053 6	Freeport			
				075 6	Lake Jackson			
				107 6	Pearland, part			
				999 9	Balance of county			
	021	045	1		Brazos	041	1260	
				025 5	Bryan			
				031 5	College Station			
				999 9	Balance of county			
	022	000	2		Brewster	043	0000	
	023	000	2		Briscoe	045	0000	
	024	000	2		Brooks	047	0000	
	025	000	2		Brown	049	0000	
				024 6	Brownwood			
				999 9	Balance of county			
	026	000	2		Burleson	051	0000	
	027	000	2		Burnet	053	0000	
	028	000	2		Caldwell	055	0000	
	029	000	2		Calhoun	057	0000	
				114 6	Port Lavaca			
				999 9	Balance of county			
	030	001	1		Callahan	059	0040	
	031	044	1		Cameron	061	1240	
				023 4	Brownsville			
				063 5	Harlingen			
				122 6	San Benito			
				999 9	Balance of county			
	032	000	2		Camp	063	0000	
	033	000	2		Carson	065	0000	
	034	000	2		Cass	067	0000	
	035	000	2		Castro	069	0000	
	036	000	2		Chambers	071	0000	
				012 4	Baytown, part			
				999 9	Balance of county			

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

Vital Statistics Codes					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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
44						Texas	48		
				127	6	South Houston			
				149	6	West University Place			
				999	9	Balance of county			
	102	159	1			Harrison		203	4420
				084	4	Longview, part			
				089	6	Marshall			
				999	9	Balance of county			
	103	000	2	999	9	Hartley		205	0000
	104	000	2	999	9	Haskell		207	0000
	105	022	1			Hays		209	0640
				123	6	San Marcos			
				999	9	Balance of county			
	106	000	2	999	9	Hemphill		211	0000
	107	000	2			Henderson		213	0000
				008	6	Athens			
				999	9	Balance of county			
	108	169	1			Hidalgo		215	4880
				045	6	Edinburg			
				087	4	McAllen			
				090	6	Mercedes			
				094	6	Mission			
				109	6	Pharr			
				148	6	Weslaco			
				999	9	Balance of county			
	109	000	2	999	9	Hill		217	0000
	110	000	2			Hockley		219	0000
				082	6	Levelland			
				999	9	Balance of county			
	111	070	1	999	9	Hood		221	1920
	112	000	2			Hopkins		223	0000
				129	6	Sulphur Springs			
				999	9	Balance of county			
	113	000	2	999	9	Houston		225	0000
	114	000	2			Howard		227	0000
				019	6	Big Spring			
				999	9	Balance of county			
	115	000	2	999	9	Hudspeth		229	0000
	116	000	2			Hunt		231	0000
				060	6	Greenville			
				999	9	Balance of county			
	117	000	2			Hutchinson		233	0000
				020	6	Borger			
				999	9	Balance of county			
	118	000	2	999	9	Irion		235	0000
	119	000	2	999	9	Jack		237	0000
	120	000	2	999	9	Jackson		239	0000
	121	000	2	999	9	Jasper		241	0000
	122	000	2	999	9	Jeff Davis		243	0000
	123	029	1			Jefferson		245	0840
				013	3	Beaumont			
				061	6	Groves			
				098	6	Nederland			
				112	4	Port Arthur			
				115	6	Port Neches			
				999	9	Balance of county			
	124	000	2	999	9	Jim Hogg		247	0000
	125	000	2			Jim Wells		249	0000
				002	6	Alice			
				999	9	Balance of county			
	126	070	1			Johnson		251	1920
				027	6	Burleson, part			
				030	6	Cleburne			
				999	9	Balance of county			
	127	001	1			Jones		253	0040
				001	4	Abilene, part			
				999	9	Balance of county			
	128	000	2	999	9	Karnes		255	0000
	129	070	1			Kaufman		257	1920
				036	1	Dallas, part			
				133	6	Terrell			
				999	9	Balance of county			
	130	000	2	999	9	Kendall		259	0000
	131	000	2	999	9	Kenedy		261	0000
	132	000	2	999	9	Kent		263	0000

Vital Statistics Codes					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	Corsicara	
			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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	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			weco	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			
44						Texas			
	247	000	2	999	9	Wilson	48	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					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
45					Utah	49
	001	000	2	999	9 Beaver	001 0000
	002	000	2		Box Elder	003 0000
				003	6 Brigham City	
				999	9 Balance of county	
	003	000	2		Cache	005 0000
				007	5 Logan	
				999	9 Balance of county	
	004	000	2	999	9 Carbon	007 0000
	005	000	2	999	9 Daggett	009 0000
	006	245	1		Davis	011 7160
				002	5 Bountiful	
				005	6 Clearfield	
				006	6 Layton	
				999	9 Balance of county	
	007	000	2	999	9 Duchesne	013 0000
	008	000	2	999	9 Emery	015 0000
	009	000	2	999	9 Garfield	017 0000
	010	000	2	999	9 Grand	019 0000
	011	000	2		Iron	021 0000
				004	6 Cedar City	
				999	9 Balance of county	
	012	000	2	999	9 Juab	023 0000
	013	000	2	999	9 Kane	025 0000
	014	000	2	999	9 Millard	027 0000
	015	000	2	999	9 Morgan	029 0000
	016	000	2	999	9 Piute	031 0000
	017	000	2	999	9 Rich	033 0000
	018	245	1		Salt Lake	035 7160
				008	6 Midvale	
				009	5 Murray	
				016	3 Salt Lake City	
				017	4 Sandy City	
				019	6 South Salt Lake	
				022	5 West Jordan	
				999	9 Balance of county	
	019	000	2	999	9 San Juan	037 0000
	020	000	2	999	9 Sanpete	039 0000
	021	000	2	999	9 Sevier	041 0000
	022	000	2	999	9 Summit	043 0000
	023	245	1		Tooele	045 7160
				021	6 Tooele	
				999	9 Balance of county	
	024	000	2	999	9 Uintah	047 0000
	025	222	1		Utah	049 6520
				001	6 American Fork	
				011	4 Orem	
				012	6 Pleasant Grove	
				013	4 Provo	
				020	6 Springville	
				999	9 Balance of county	
	026	000	2	999	9 Wasatch	051 0000
	027	000	2		Washington	053 0000
				015	6 St. George	
				999	9 Balance of county	
	028	000	2	999	9 Wayne	055 0000
	029	245	1		Weber	057 7160
				010	4 Ogden	
				014	6 Roy	
				018	6 South Ogden	
				999	9 Balance of county	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
46						Vermont	50		
	001	000	2	999	9	Addison		001	0000
	002	000	2	999	9	Bennington		003	0000
	003	000	2	999	9	Caledonia		005	0000
	004	048	1			Chittenden		007	1303
				001	5	Burlington			
				003	6	South Burlington			
				999	9	Balance of county			
	005	000	2	999	9	Essex		009	0000
	006	000	2	999	9	Franklin		011	0000
	007	000	2	999	9	Grand Isle		013	0000
	008	000	2	999	9	Lamoille		015	0000
	009	000	2	999	9	Orange		017	0000
	010	000	2	999	9	Orleans		019	0000
	011	000	2			Rutland		021	0000
				002	6	Rutland			
				999	9	Balance of county			
	012	000	2	999	9	Washington		023	0000
	013	000	2	999	9	Windham		025	0000
	014	000	2	999	9	Windsor		027	0000

Vita' Statistics Codes					FIPS Codes			
St Cnty	SMSA	M	NM	City, P	S	State, County, City, or Country Name	St Cnty	SMSA
47						Virginia	51	
	001	000	2	999	9	Accomack	001	0000
	002	056	1	999	9	Abbeville	003	1540
	003	291	1	001	3	Alexandria city	510	8840
	004	000	2	999	9	Alleghany	005	0000
	005	000	2	999	9	Amelia	007	0000
	006	164	1	999	9	Amherst	009	4640
	007	164	1	999	9	Appomattox	011	4640
	008	291	1			Arlington	013	8840
				002	3	Arlington		
	009	000	2	999	9	Augusta	015	0000
	010	000	2	999	9	Bath	017	0000
	011	000	2	999	9	Bedford	019	0000
	012	000	2	999	9	Bedford city	515	0000
	013	000	2	999	9	Bland	021	0000
	014	292	1	999	9	Botetourt	023	6800
	015	131	1	004	6	Bristol city	520	3660
	016	000	2	999	9	Brunswick	025	0000
	017	000	2	999	9	Buchanan	027	0000
	018	000	2	999	9	Buckingham	029	0000
	019	000	2	999	9	Buena Vista city	530	0000
	020	164	1	999	9	Campbell	031	4640
	021	000	2	999	9	Caroline	033	0000
	022	000	2	999	9	Carroll	035	0000
	023	230	1	999	9	Charles City	036	6760
	024	000	2	999	9	Charlotte	037	0000
	025	056	1	005	5	Charlottesville city	540	1540
	026	195	1	006	3	Chesapeake city	550	5720
	027	230	1	999	9	Chesterfield	041	6760
	028	000	2	999	9	Clarke	043	0000
	029	000	2	999	9	Clifton Forge city	560	0000
	030	211	1	008	6	Colonial Heights city	570	6140
	031	000	2	999	9	Covington city	580	0000
	032	232	1	999	9	Craig	045	6800
	033	000	2	999	9	Culpeper	047	0000
	034	000	2	999	9	Cumberland	049	0000
	035	071	1	009	5	Danville city	590	1950
	036	000	2	999	9	Dickenson	051	0000
	037	211	1	999	9	Dinwiddie	053	6140
	038	000	2	999	9	Emporia city	595	0000
	039	000	2	999	9	Essex	057	0000
	040	291	1			Fairfax	059	8840
				015	6	Herndon		
				031	6	Vienna		
				999	9	Balance of county		
	041	291	1	010	6	Fairfax city	600	8840
	042	291	1	999	9	Falls Church city	610	8840
	043	000	2	999	9	Fauquier	061	0000
	044	000	2	999	9	Floyd	063	0000
	045	056	1	999	9	Fluvanna	065	1540
	046	000	2	999	9	Franklin	067	0000
	047	000	2	999	9	Franklin city	620	0000
	048	000	2	999	9	Frederick	069	0000
	049	000	2	011	6	Fredericksburg city	630	0000
	050	000	2	999	9	Galax city	640	0000
	051	000	2	999	9	Giles	071	0000
	052	194	1	999	9	Gloucester	073	5680
	053	230	1	999	9	Goochland	075	6760
	054	000	2	999	9	Grayson	077	0000
	055	056	1	999	9	Greene	079	1540
	056	000	2	999	9	Greensville	081	0000
	057	000	2	999	9	Halifax	083	0000
	058	194	1	013	3	Hampton city	650	5680
	059	230	1	999	9	Hanover	085	6760
	060	000	2	014	6	Harrisonburg city	660	0000
	061	230	1	999	9	Henrico	087	6760
	062	000	2	999	9	Henry	089	0000
	063	000	2	999	9	Highland	091	0000
	064	211	1	016	6	Hopewell city	670	6140
	065	000	2	999	9	Isle of Wight	093	0000
	066	194	1	999	9	James City	095	5680
	067	000	2	999	9	King and Queen	097	0000
	068	000	2	999	9	King George	099	0000
	069	000	2	999	9	King William	101	0000
	070	000	2	999	9	Lancaster	103	0000

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
47					Virginia	51
071	000	2	999	9	Lee	105 0000
072	000	2	999	9	Lexington city	678 0000
073	291	1	999	9	Loudoun	107 8840
074	000	2	999	9	Louisa	109 0000
075	000	2	999	9	Lunenburg	111 0000
076	164	1	017	4	Lynchburg city	680 4640
077	000	2	999	9	Madison	113 0000
078	291	1	018	6	Manassas city	683 8840
079	291	1	999	9	Manassas Park city	685 8840
080	000	2	019	6	Martinsville city	690 0000
081	000	2	999	9	Mathews	115 0000
082	000	2	999	9	Mecklenburg	117 0000
083	000	2	999	9	Middlesex	119 0000
084	000	2			Montgomery	121 0000
			003	5	Blacksburg	
			007	6	Christiansburg	
			999	9	Balance of county	
085	000	2	999	9	Nelson	125 0000
086	230	1	999	9	New Kent	127 6760
087	194	1	020	3	Newport News city	700 5680
088	195	1	021	2	Norfolk city	710 5720
089	000	2	999	9	Northampton	131 0000
090	000	2	999	9	Northumberland	133 0000
091	000	2	999	9	Norton city	720 0000
092	000	2	999	9	Nottoway	135 0000
093	000	2	999	9	Orange	137 0000
094	000	2	999	9	Page	139 0000
095	000	2	999	9	Patrick	141 0000
096	211	1	022	5	Petersburg city	730 6140
097	071	1	999	9	Pittsylvania	143 1950
098	194	1	999	9	Poquoson city	735 5680
099	195	1	023	3	Portsmouth city	740 5720
100	230	1	999	9	Powhatan	145 6760
101	000	2	999	9	Prince Edward	147 0000
102	211	1	999	9	Prince George	149 6140
103	291	1	999	9	Prince William	153 8840
104	000	2			Pulaski	155 0000
			024	6	Pulaski	
			999	9	Balance of county	
105	000	2	025	6	Radford city	750 0000
106	000	2	999	9	Rappahannock	157 0000
107	000	2	999	9	Richmond	159 0000
108	230	1	026	3	Richmond city	760 6760
109	232	1	999	9	Roanoke	161 6800
110	232	1	027	3	Roanoke city	770 6800
111	000	2	999	9	Rockbridge	163 0000
112	000	2	999	9	Rockingham	165 0000
113	000	2	999	9	Russell	167 0000
114	232	1	028	6	Salem city	775 6800
115	131	1	999	9	Scott	169 3660
116	000	2	999	9	Shenandoah	171 0000
117	000	2	999	9	Smyth	173 0000
118	000	2	999	9	Southampton	175 0000
119	000	2	999	9	South Boston city	780 0000
120	000	2	999	9	Spotsylvania	177 0000
121	000	2	999	9	Stafford	179 0000
122	000	2	029	6	Staunton city	790 0000
123	195	1	030	5	Suffolk city	800 5720
124	000	2	999	9	Surry	181 0000
125	000	2	999	9	Sussex	183 0000
126	000	2	999	9	Tazewell	185 0000
127	195	1	032	2	Virginia Beach city	810 5720
128	000	2			Warren	187 0000
			012	6	Front Royal	
			999	9	Balance of county	
129	131	1	999	9	Washington	191 3660
130	000	2	033	6	Waynesboro city	820 0000
131	000	2	999	9	Westmoreland	193 0000
132	194	1	999	9	Williamsburg city	830 5680
133	000	2	034	6	Winchester city	840 0000
134	000	2	999	9	Wise	195 0000
135	000	2	999	9	Wythe	197 0000
136	194	1	999	9	York	199 5680

Vital Statistics Codes					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					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		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				Stevens	065	0000	
034	200	1				Thurston	067	5910	
				014	6	Lacey			
				022	5	Olympia			
				999	9	Balance of county			
035	000	2				Wahkiakum	069	0000	
036	000	2				Walla Walla	071	0000	
				034	5	Walla Walla			
				999	9	Balance of county			
037	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	Germantown	
			032	1	Milwaukee, part	
			053	6	West Bend	
			999	9	Balance of county	
068	175	1			Waukesha	133 5080
			006	5	Brookfield	
			028	5	Menomonee Falls	
			034	6	Muskego	
			036	5	New Berlin	

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

Vital Statistics Codes					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**

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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			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		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		
		011	North Carolina		37	
		058	Buncombe			021
			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

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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			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
057			Chattanooga, Tenn.-Ga	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		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	1880	48	
			Texas			
		178	Nueces			355
		205	San Patricio			409
069	21		Cumberland, Md.-W. Va	1900	24	
			Maryland			
		001	Allegany			001
		49	West Virginia			54
		029	Mineral			057
070	44		Dallas-Fort Worth, Tex	1920	48	
			Texas -			
		043	Collin			085
		057	Dallas			113
		061	Denton			121
		070	Ellis			139
		111	Hood			221
		126	Johnson			251
		129	Kaufman			257
		184	Parker			367
		199	Rockwall			397
		220	Tarrant			439
		249	Wise			497
071	47		Danville, Va	1950	51	
			Virginia			
		035	Danville city			590
		097	Pittsylvania			143
072	14		Davenport-Rock Island-Moline, Iowa-Ill	1960	17	
			Illinois			
		037	Henry			073
		081	Rock Island			161
		16	Iowa			19
		082	Scott			163
073	36		Dayton, Ohio	2000	39	
			Ohio			
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
		068	Preble			135
074	10		Daytona Beach, Fla	2020	12	
			Florida			
		064	Volusia			127
075	14		Decatur, Ill	2040	17	
			Illinois			
		058	Macon			115
076	06		Denver-Boulder, Colo	2080	08	
			Colorado			
		001	Adams			001
		003	Arapahoe			005
		007	Boulder			013
		016	Denver, coext. with Denver city			031
		018	Douglas			035
		024	Gilpin			047
		030	Jefferson			059
077	16		Des Moines, Iowa	2120	19	
			Iowa			
		077	Polk			153
		091	Warren			181
078	23		Detroit, Mich	2160	26	
			Michigan			
		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	2240	27	137
	50	016	St. Louis Wisconsin Douglas		55	031
081	50	009	Eau Claire, Wis Wisconsin	2290	55	017
		018	Chippewa 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	2440	18	051
		065	Gibson			129
		082	Posey			163
		087	Vanderburgh			173
	18	051	Warrick Kentucky Henderson		21	101
089	24	014	Fargo-Moorhead, N.Dak.-Minn Minnesota	2520	27	027
	35	009	Clay North Dakota Cass		38	017
090	34	026	Fayetteville, N C North Carolina Cumberland	2560	37	051
091	04	004	Fayetteville-Springdale, Ark Arkansas	2580	05	007
		072	Benton Washington			143
092	23	025	Flint, Mich Michigan	2640	26	049
		078	Genesee Shiawassee			155
093	01	017	Florence, Ala Alabama	2650	01	033
		039	Colbert Lauderdale			077
094	41	021	Florence, S.C South Carolina Florence	2655	45	041

Standard Metropolitan Statistical Areas Established in 1980
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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 Indiana	3480	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 Iowa	3500	19	
		052	Johnson			103
125	23		Jackson, Mich Michigan	3520	26	
		038	Jackson			075
126	25		Jackson, Miss Mississippi	3560	28	
		025	Hinds			049
		061	Rankin			121
127	10		Jacksonville, Fla Florida	3600	12	
		002	Baker			003
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109
128	34		Jacksonville, N.C North Carolina	3605	37	
		067	Onslow			133
129	50		Janesville-Beloit, Wis Wisconsin	3620	55	
		054	Rock			105
130	31		Jersey City, N.J New Jersey	3640	34	
		009	Hudson			017
131	43		Johnson City-Kingsport-Bristol, Tenn.-Va Tennessee	3660	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 Pennsylvania	3680	42	
		011	Cambria			021
		056	Somerset			111
133	26		Joplin, Mo Missouri	3710	29	
		049	Jasper			097
		073	Newton			145
134	23		Kalamazoo-Portage, Mich Michigan	3720	26	
		039	Kalamazoo			077
		080	Van Buren			159
135	14		Kankakee, Ill Illinois	3740	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	3760		
		046	Kansas		20	091
		105	Johnson			209
	26		Wyandotte			
		019	Missouri		29	
		024	Cass			037
		048	Clay			047
		083	Jackson			095
		089	Platte			165
			Ray			177
137	50		Kenosha, Wis	3800		
			Wisconsin -		55	
		030	Kenosha			059
138	44		Killeen-Temple, Tex	3810		
			Texas		48	
		014	Bell			027
		050	Coryell			099
139	43		Knoxville, Tenn	3840		
			Tennessee		47	
		001	Anderson			001
		005	Blount			009
		047	Knox			093
		087	Union			173
140	15		Kokomo, Ind	3850		
			Indiana		18	
		034	Howard			067
		080	Tipton			159
141	50		La Crosse, Wis	3870		
			Wisconsin		55	
		032	La Crosse			063
142	19		Lafayette, La	3880		
			Louisiana		22	
		028	Lafayette			055
143	15		Lafayette-West Lafayette, Ind	3920		
			Indiana		18	
		079	Tippecanoe			157
144	19		Lake Charles, La	3960		
			Louisiana		22	
		010	Calcasieu			019
145	10		Lakeland-Winter Haven, Fla	3980		
			Florida		12	
		053	Polk			105
146	39		Lancaster, Pa	4000		
			Pennsylvania		42	
		036	Lancaster			071
147	23		Lansing-East Lansing, Mich	4040		
			Michigan		26	
		019	Clinton			037
		023	Eaton			045
		033	Ingham			065
		034	Ionia			067
148	44		Laredo, Tex	4080		
			Texas		48	
		240	Webb			479
149	32		Las Cruces, N.Mex	4100		
			New Mexico		35	
		008	Dona Ana			013
150	29		Las Vegas, Nev	4120		
			Nevada		32	
		003	Clark			003

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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
217	20		Portland, Maine	6403		
			Maine		23	
		003	Cumberland			005
		012	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

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
231	05	033 036	Riverside-San Bernardino-Ontario, Calif California Riverside San Bernardino	6780	06	065 071
232	47	014 032 109 110 114	Roanoke, Va Virginia Botetourt Craig Roanoke Roanoke city Salem city	6800	51	023 045 161 770 775
233	24	055	Rochester, Minn Minnesota Olmsted	6820	27	109
234	33	024 026 033 035 055	Rochester, N.Y New York Livingston Monroe Ontario Orleans Wayne	6840	36	051 055 069 073 117
235	14	004 101	Rockford, Ill Illinois Boone Winnebago	6880	17	007 201
236	41	046	Rock Hill, S.C South Carolina York	6885	45	091
237	05	031 034 057	Sacramento, Calif California Placer Sacramento Yolo	6920	06	061 067 113
238	23	073	Saginaw, Mich Michigan Saginaw	6960	26	145
239	24	005 071 073	St. Cloud, Minn Minnesota Benton Sherburne Stearns	6980	27	009 141 145
240	26	002 011	St. Joseph, Mo Missouri Andrew Buchanan	7000	29	003 021
241	14	014 060 067 082	St. Louis, Mo.-Ill Illinois Clinton Madison Monroe St. Clair	7040	17	027 119 133 163
	26	036 050 092 096 097	Missouri Franklin Jefferson St. Charles St. Louis St. Louis city		29	071 099 183 189 510
242	38	024 027	Salem, Oreg Oregon Marion Polk	7080	41	047 053
243	05	027	Salinas-Seaside-Monterey, Calif California Monterey	7120	06	053

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

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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		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 Marshall		54	051
		026	Ohio			069
		035				
296	17	008	Wichita, Kans Kansas Butler	9040	20	015
		087	Sedgwick			173
297	44	039	Wichita Falls, Tex Texas Clay	9080	48	077
		243	Wichita			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	Wilmington, N.C North Carolina Brunswick	9200	37	019
		065	New Hanover			129

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

- 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, 1987

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 AXIS		UC	RECORD AXIS		ENTITY AXIS		UC	RECORD AXIS		ENTITY AXIS
		TOTAL MENTION	SECOND- ARY				TOTAL MENTION	SECOND- ARY				TOTAL MENTION	SECOND- ARY	
001.0	1	1	-	1	008.3	-	-	-	-	017.1	-	-	-	-
001.1	-	-	-	-	008.4	33	83	50	83	017.2	-	8	8	10
001.9	-	-	-	-	008.5	8	10	2	10	017.3	-	-	-	-
002.0	2	5	3	5	008.6	6	7	1	7	017.4	-	-	-	-
002.1	-	-	-	-	008.8	105	177	73	178	017.5	-	-	-	-
002.2	-	-	-	-	009.0	150	227	77	228	017.6	1	2	1	1
002.3	-	-	-	-	009.2	1	4	3	4	017.7	-	3	3	4
002.9	-	1	1	1	010.0	-	1	1	1	017.8	6	20	14	17
003.0	24	61	37	61	010.1	-	-	-	-	018.0	1	1	-	1
003.1	61	116	55	125	010.8	-	-	-	-	018.8	1	1	-	2
003.2	5	7	5	7	010.9	-	-	-	-	018.9	185	292	109	329
003.8	-	2	2	2	011.0	-	1	1	1	020.0	1	1	-	1
003.9	15	40	25	43	011.1	-	-	-	-	020.1	-	-	-	-
004.0	-	-	-	-	011.2	48	94	48	89	020.2	-	-	-	-
004.1	-	-	-	-	011.3	18	18	2	-	020.3	-	-	-	-
004.2	-	-	-	-	011.4	50	44	13	12	020.4	-	-	-	-
004.3	-	-	-	-	011.5	11	11	-	3	020.5	-	-	-	-
004.8	-	-	-	-	011.6	187	203	24	97	020.8	-	-	-	-
004.9	13	18	5	18	011.7	8	7	1	1	020.9	-	-	-	-
005.0	-	-	-	-	011.8	-	-	-	-	021	4	6	2	6
005.1	-	1	1	1	011.9	1058	2799	1742	3101	022.0	-	-	-	-
005.2	-	-	-	-	012.0	12	36	24	19	022.1	-	-	-	-
005.3	-	-	-	-	012.1	1	2	1	3	022.2	-	-	-	-
005.4	-	1	1	1	012.2	1	-	-	-	022.3	-	-	-	-
005.8	-	-	-	-	012.3	1	3	2	3	022.8	-	-	-	-
005.9	1	5	4	6	012.8	3	2	-	-	022.9	-	-	-	-
006.0	-	-	-	-	013.0	48	84	36	85	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	1	1	1	023.1	-	-	-	-
006.2	-	-	-	-	013.8	5	9	4	8	023.2	-	-	-	-
006.3	1	4	3	3	013.9	-	1	1	1	023.3	-	-	-	-
006.4	1	1	-	-	014	11	20	9	22	023.8	-	-	-	-
006.5	-	-	-	-	015.0	37	118	81	117	023.9	1	2	1	2
006.6	-	-	-	-	015.1	2	3	1	3	024	-	-	-	-
006.8	1	1	-	1	015.2	-	1	1	1	025	-	-	-	-
006.9	6	10	4	13	015.7	1	1	-	1	026.0	-	-	-	-
007.0	-	1	1	1	015.8	-	2	2	2	026.1	-	-	-	-
007.1	1	17	16	17	015.9	1	7	6	6	026.9	-	-	-	-
007.2	2	9	7	82	016.0	8	24	17	25	027.0	116	159	43	159
007.3	-	-	-	-	016.1	-	1	1	1	027.1	-	-	-	-
007.8	-	-	-	-	016.2	-	-	-	-	027.2	5	8	3	8
007.9	-	-	-	-	016.3	-	3	3	3	027.8	-	1	1	1
008.0	1	2	1	2	016.4	-	-	-	-	027.9	-	1	1	1
008.1	-	-	-	-	016.9	-	1	1	1	030.0	-	1	1	1
008.2	-	-	-	-	017.0	50	230	180	230	030.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
030.2	-	-	-	-	040.1	-	-	-	-	050.0	-	-	-	-
030.3	-	-	-	-	040.2	-	4	4	4	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	1	7	6	7	040.8	49	54	5	54	050.9	-	-	-	-
031.0	148	765	617	760	041.0	17	30	13	30	051.0	-	-	-	-
031.1	1	3	2	3	041.1	72	154	82	154	051.1	-	-	-	-
031.8	1	5	4	5	041.2	4	5	1	5	051.2	-	-	-	-
031.9	62	225	164	321	041.3	4	11	7	11	051.9	-	-	-	-
032.0	-	-	-	-	041.4	11	30	19	30	052	89	120	31	120
032.1	-	-	-	-	041.5	25	46	21	46	053.0	-	5	5	-
032.2	-	-	-	-	041.6	12	22	10	22	053.1	15	81	66	65
032.3	-	-	-	-	041.7	43	121	78	121	053.2	2	19	17	20
032.8	1	1	-	1	041.8	28	50	22	50	053.7	3	10	7	10
032.9	-	-	-	-	041.9	39	77	38	100	053.8	1	1	-	1
033.0	-	-	-	-	042.0	4251	4591	385	23	053.9	97	597	500	623
033.1	-	-	-	-	042.1	2278	2288	149	17	054.0	-	-	-	-
033.8	-	-	-	-	042.2	1070	1473	409	4	054.1	1	12	11	13
033.9	1	5	4	5	042.9	5552	6686	1144	13955	054.2	-	7	7	7
034.0	7	14	7	14	043.0	-	-	-	-	054.3	109	150	42	154
034.1	-	-	-	-	043.1	55	56	4	39	054.4	-	4	4	4
035	3	10	7	10	043.2	4	13	9	-	054.5	11	15	4	9
036.0	64	75	11	75	043.3	24	33	11	3	054.6	-	-	-	-
036.1	-	1	1	1	043.9	95	205	110	358	054.7	33	72	39	73
036.2	144	173	29	172	044.0	-	-	-	4	054.8	-	1	1	1
036.3	43	55	12	55	044.9	139	374	236	1034	054.9	59	221	162	243
036.4	-	-	-	-	045.0	-	-	-	-	055.0	-	1	1	1
036.8	1	1	-	1	045.1	-	-	-	-	055.1	2	3	1	2
036.9	6	6	-	8	045.2	-	-	-	-	055.2	-	-	-	-
037	16	22	6	22	045.9	-	-	-	-	055.7	-	-	-	-
038.0	204	746	542	753	046.0	-	-	-	-	055.8	-	-	-	-
038.1	910	3361	2451	3399	046.1	222	249	27	268	055.9	-	3	3	4
038.2	161	355	194	669	046.2	10	12	2	12	056.0	-	-	-	-
038.3	50	252	202	254	046.3	49	65	16	148	056.7	-	-	-	-
038.4	1589	7500	5911	7544	046.8	-	-	-	-	056.8	-	-	-	-
038.8	124	511	387	520	046.9	-	1	1	1	056.9	-	1	1	1
038.9	16878	85868	68993	86580	047.0	-	-	-	-	057.0	-	-	-	-
039.0	-	-	-	-	047.1	1	1	-	1	057.8	-	5	5	5
039.1	33	49	16	40	047.8	-	1	1	1	057.9	1	1	-	1
039.2	1	1	-	1	047.9	28	42	14	42	060.0	-	-	-	-
039.3	-	1	1	1	048	16	19	3	19	060.1	-	-	-	-
039.4	2	2	-	2	049.0	16	22	6	22	060.9	-	-	-	-
039.8	18	25	7	27	049.1	-	-	-	-	061	-	-	-	-
039.9	23	40	17	54	049.8	3	8	5	9	062.0	-	-	-	-
040.0	77	169	92	169	049.9	122	178	56	181	062.1	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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
062.2	-	-	-	-	074.2	5	5	-	4	083.9	-	1	1	1
062.3	2	5	3	5	074.3	-	-	-	-	084.0	3	3	-	3
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	-	-	-
062.5	1	1	-	1	075	14	29	15	29	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	1	2	1	2	076.1	-	-	-	-	084.4	-	-	-	-
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	1	5	4	5
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	-	-	-	084.8	-	-	-	-
063.9	-	-	-	-	077.3	-	-	-	-	084.9	1	1	-	1
064	-	-	-	-	077.4	-	-	-	-	085.0	-	-	-	-
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	-
065.1	-	-	-	-	077.9	1	1	-	1	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	2	2	2	085.3	-	-	-	-
065.3	-	-	-	-	078.1	-	1	1	1	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	1	1	-	1	085.9	-	-	-	-
065.9	-	-	-	-	078.4	-	-	-	-	086.0	-	1	1	-
066.0	-	-	-	-	078.5	204	657	453	881	086.1	-	-	-	-
066.1	-	-	-	-	078.6	-	-	-	-	086.2	2	2	1	3
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	49	96	47	96	086.4	-	-	-	-
066.8	-	-	-	-	079.0	3	3	-	3	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	1	1	1	086.9	-	-	-	-
070.0	7	8	1	-	079.2	-	-	-	1	087.0	-	-	-	-
070.1	70	125	55	133	079.3	-	2	2	2	087.1	-	-	-	-
070.2	45	51	6	1	079.8	19	32	13	32	087.9	1	1	-	1
070.3	550	1006	456	1056	079.9	240	404	164	412	088.0	-	-	-	-
070.4	-	1	1	1	080	-	-	-	-	088.8	-	1	1	1
070.5	8	12	4	12	081.0	-	-	-	-	088.9	-	-	-	-
070.6	45	48	3	-	081.1	-	-	-	-	090.0	1	1	-	1
070.9	457	610	153	658	081.2	-	-	-	-	090.1	-	-	-	-
071	1	1	-	1	081.9	-	-	-	-	090.2	2	2	-	2
072.0	-	-	-	-	082.0	21	24	3	24	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	6	9	3	9
072.2	-	-	-	-	082.2	-	-	-	-	090.5	1	1	-	1
072.3	-	-	-	-	082.3	-	-	-	-	090.6	-	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	1	2	1	2
072.8	-	-	-	-	082.9	-	-	-	-	090.9	14	22	8	23
072.9	2	2	-	2	083.0	-	-	-	-	091.0	-	-	-	-
073	2	2	-	2	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	1	1	1	083.2	-	-	-	-	091.2	-	1	1	1
074.1	-	-	-	-	083.8	-	-	-	-	091.3	1	2	1	2

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
091.4	-	-	-	-	102.0	-	-	-	-	115.9	48	115	67	157
091.5	-	-	-	-	102.1	-	-	-	-	116.0	35	53	18	53
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	2	2	2	102.5	-	-	-	-	117.1	3	4	1	4
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	165	417	252	417
093.0	8	8	-	-	102.8	...	-	-	-	117.4	-	-	-	-
093.1	9	13	4	13	102.9	-	-	-	-	117.5	216	408	192	1198
093.2	-	2	2	-	103.0	-	-	-	-	117.6	-	2	2	2
093.8	5	9	6	8	103.1	-	-	-	-	117.7	41	68	27	68
093.9	-	1	1	1	103.2	-	-	-	-	117.8	-	-	-	-
094.0	8	24	16	24	103.3	-	-	-	-	117.9	399	836	437	875
094.1	8	22	14	22	103.9	-	-	-	-	118	-	1	1	1
094.2	2	5	3	5	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	4	8	5	4	104.9	-	-	-	-	120.2	-	-	-	-
094.9	8	42	34	42	110.0	-	1	1	1	120.3	-	-	-	-
095	-	3	3	2	110.1	-	1	1	1	120.8	-	-	-	-
096	...	5	5	5	110.2	-	1	1	1	120.9	2	3	1	3
097.0	13	46	33	48	110.3	-	-	-	-	121.0	-	-	-	-
097.1	...	23	23	23	110.4	-	-	-	-	121.1	-	1	1	1
097.9	7	50	43	63	110.5	-	-	-	-	121.2	-	-	-	-
098.0	1	3	2	3	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	-	-	-	110.8	-	-	-	-	121.4	-	-	-	-
098.2	-	-	-	-	110.9	-	1	1	1	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	-	-	-	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	-	-	-	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	-	-	-	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	1	1	1	122.1	-	-	-	-
098.8	6	8	2	8	111.9	2	4	2	4	122.2	-	-	-	-
099.0	:	-	-	-	112.0	8	112	104	117	122.3	-	-	-	-
099.1	-	1	1	1	112.1	-	3	3	3	122.4	1	1	-	1
099.2	-	-	-	-	112.2	6	25	19	25	122.5	-	-	-	-
099.3	2	10	8	10	112.3	1	3	2	5	122.6	-	-	-	-
099.4	-	-	-	-	112.4	95	145	63	150	122.7	-	-	-	-
099.8	-	-	-	-	112.5	563	1027	464	1034	122.8	1	1	-	1
099.9	-	5	5	5	112.8	55	201	146	208	122.9	1	2	1	2
100.0	-	-	-	-	112.9	167	516	349	558	123.0	-	-	-	-
100.8	-	-	-	-	114	75	123	48	130	123.1	9	12	3	12
100.9	1	1	-	1	115.0	3	13	10	15	123.2	-	-	-	-
101	-	-	-	-	115.1	-	-	-	-	123.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
123.4	-	-	-	-	132.9	1	6	5	6	142.0	457	559	102	559
123.5	-	-	-	-	133.0	-	4	4	4	142.1	35	39	4	39
123.6	-	-	-	-	133.8	-	-	-	-	142.2	2	2	-	2
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	1	4	3	4	142.9	106	122	16	122
124	-	-	-	-	134.1	-	-	-	-	143.0	33	39	6	39
125.0	-	-	-	-	134.2	-	-	-	-	143.1	53	68	15	68
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	-	-	-	143.9	55	76	21	78
125.3	-	-	-	-	135	406	724	318	724	144.0	2	2	-	2
125.4	-	-	-	-	136.0	-	-	-	-	144.1	3	3	-	3
125.5	-	-	-	-	136.1	7	17	10	17	144.8	-	-	-	-
125.6	-	-	-	-	136.2	3	3	-	3	144.9	362	460	98	460
125.7	-	-	-	-	136.3	630	812	182	4119	145.0	40	50	10	50
125.9	-	-	-	-	136.4	-	-	-	-	145.1	2	4	2	4
126.0	-	-	-	-	136.5	-	-	-	-	145.2	28	38	10	38
126.1	-	-	-	-	136.8	2	5	3	5	145.3	94	134	40	134
126.2	-	-	-	-	136.9	325	1326	1001	2084	145.4	12	12	-	12
126.3	-	-	-	-	137.0	214	723	509	723	145.5	125	195	70	195
126.8	-	-	-	-	137.1	1	1	-	1	145.6	36	48	12	48
126.9	1	1	-	1	137.2	1	1	-	1	145.8	1	1	-	1
127.0	-	2	2	2	137.3	1	3	2	3	145.9	913	1163	250	1215
127.1	-	-	-	-	137.4	1	7	6	7	146.0	515	641	126	641
127.2	14	25	11	25	138	124	567	443	567	146.1	32	45	13	45
127.3	-	-	-	-	139.0	2	5	3	5	146.2	10	16	6	16
127.4	-	-	-	-	139.1	-	-	-	-	146.3	7	15	8	15
127.5	2	2	-	2	139.8	11	34	23	33	146.4	1	1	-	1
127.6	-	-	-	-	140.0	-	3	3	3	146.5	-	-	-	-
127.7	-	-	-	-	140.1	8	15	7	15	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	-	-	-	-
127.9	-	-	-	-	140.4	-	-	-	-	146.8	2	2	-	2
128.0	2	2	-	2	140.5	-	-	-	-	146.9	480	569	89	571
128.1	1	1	-	1	140.6	-	-	-	-	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	16	17	1	17
128.9	-	-	-	-	140.9	67	94	27	94	147.2	-	-	-	-
129	2	4	2	4	141.0	169	199	30	199	147.3	3	4	1	4
130	47	76	29	596	141.1	-	-	-	-	147.8	-	1	1	1
131.0	-	1	1	1	141.2	1	1	-	1	147.9	665	764	99	764
131.8	-	-	-	-	141.3	-	-	-	-	148.0	3	3	-	3
131.9	-	-	-	-	141.4	3	3	-	3	148.1	215	266	51	266
132.0	-	-	-	-	141.5	-	-	-	-	148.2	1	1	-	1
132.1	-	-	-	-	141.6	25	32	7	32	148.3	2	2	-	2
132.2	-	-	-	-	141.8	2	3	1	3	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1612	2036	424	2038	148.9	357	423	66	426

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, 1987

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	1411	1830	419	1859	155.2	2913	3495	582	3515	163.9	406	499	93	500
149.1	-	-	-	-	156.0	2179	2367	188	2367	164.0	124	156	32	156
149.8	1	1	-	1	156.1	1060	1192	132	1192	164.1	64	100	36	100
149.9	1	1	-	1	156.2	381	429	48	429	164.2	5	5	-	5
150.0	15	22	7	22	156.8	2	2	-	2	164.3	1	1	-	1
150.1	2	4	2	4	156.9	494	545	51	564	164.8	1	1	-	1
150.2	-	-	-	-	157.0	817	906	89	906	164.9	214	286	72	290
150.3	26	27	1	27	157.1	28	37	9	37	165.0	1	1	-	1
150.4	15	19	4	19	157.2	43	52	9	52	165.8	-	-	-	-
150.5	124	147	23	147	157.3	6	9	3	9	165.9	9	10	1	12
150.8	2	2	-	2	157.4	120	132	12	132	170.0	79	101	22	101
150.9	8905	10020	1115	10024	157.8	1	2	1	2	170.1	79	104	25	104
151.0	494	539	45	539	157.9	22722	24286	1564	24292	170.2	77	109	32	109
151.1	4	4	-	4	158.0	319	373	54	373	170.3	16	24	8	24
151.2	18	19	1	19	158.8	50	74	24	74	170.4	21	26	5	26
151.3	12	14	2	14	158.9	199	242	43	243	170.5	1	1	-	1
151.4	-	1	1	1	159.0	1254	1600	346	1611	170.6	72	97	25	97
151.5	6	7	1	7	159.1	8	26	18	26	170.7	72	87	15	87
151.6	-	-	-	-	159.8	4	5	1	6	170.8	3	4	1	4
151.8	-	-	-	-	159.9	484	587	103	604	170.9	616	760	144	765
151.9	13208	14810	1602	14815	160.0	41	56	15	56	171.0	63	78	15	78
152.0	369	426	57	426	160.1	14	16	2	16	171.2	55	74	19	74
152.1	61	71	10	71	160.2	248	295	47	295	171.3	202	240	38	240
152.2	73	86	13	86	160.3	31	41	10	41	171.4	62	72	10	72
152.3	3	3	-	3	160.4	6	9	3	9	171.5	186	211	25	211
152.8	2	2	-	2	160.5	14	18	4	18	171.6	98	121	23	121
152.9	365	432	67	432	160.8	2	2	-	2	171.7	13	16	3	16
153.0	39	43	4	43	160.9	117	152	35	153	171.8	3	3	-	3
153.1	281	338	57	338	161.0	57	116	59	116	171.9	2342	2572	230	2590
153.2	344	422	78	422	161.1	185	241	56	241	172.0	4	4	-	4
153.3	1535	1913	378	1925	161.2	4	5	1	5	172.1	3	3	-	3
153.4	1136	1476	340	1476	161.3	3	3	-	3	172.2	16	19	3	19
153.5	109	117	8	117	161.8	-	-	-	-	172.3	54	66	12	66
153.6	863	1059	196	1059	161.9	3422	4864	1442	4871	172.4	74	85	11	85
153.7	29	37	8	37	162.0	137	196	59	196	172.5	215	234	19	234
153.8	2	3	1	3	162.2	121	150	29	150	172.6	110	116	6	116
153.9	44024	52074	8050	52230	162.3	1307	1550	243	1550	172.7	144	161	17	161
154.0	1353	1533	180	1454	162.4	69	88	19	88	172.8	-	1	1	1
154.1	6285	7663	1378	7742	162.5	450	547	97	547	172.9	5293	5761	468	5810
154.2	29	33	4	33	162.8	5	6	1	6	173.0	7	11	4	11
154.3	211	275	64	275	162.9	127920	139870	11951	139911	173.1	7	19	12	19
154.8	94	110	16	110	163.0	5	5	-	5	173.2	135	216	81	216
155.0	3225	3633	408	3633	163.1	-	-	-	-	173.3	258	487	229	493
155.1	1089	1173	84	1173	163.8	-	-	-	-	173.4	1016	1270	254	1270

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, 1987

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	58	83	25	85	187.4	173	235	62	235	192.1	116	157	41	157
173.6	38	68	30	68	187.5	1	2	1	2	192.2	68	102	34	102
173.7	56	88	32	90	187.6	5	6	1	6	192.3	-	1	1	1
173.8	2	4	2	5	187.7	18	22	4	22	192.8	-	-	-	-
173.9	454	912	459	2062	187.8	2	2	-	2	192.9	63	78	15	82
174.0	4	13	9	13	187.9	16	19	3	19	193	1010	1260	250	1260
174.1	3	4	1	4	188.0	2	3	1	3	194.0	557	632	75	632
174.2	2	2	-	2	188.1	1	1	-	1	194.1	6	13	7	13
174.3	1	1	-	1	188.2	1	1	-	1	194.3	35	57	22	57
174.4	4	5	1	5	188.3	-	-	-	-	194.4	20	26	6	26
174.5	3	3	-	3	188.4	-	1	1	1	194.5	2	3	1	3
174.6	-	-	-	-	188.5	5	9	4	9	194.6	11	13	2	13
174.8	1	3	2	3	188.6	-	-	-	-	194.8	2	2	-	2
174.9	40881	48933	8052	48934	188.7	17	18	1	18	194.9	29	33	4	33
175	312	404	92	404	188.8	-	-	-	-	195.0	1368	1650	282	1979
179	2849	3550	701	3597	188.9	9563	13114	3551	13115	195.1	198	238	40	316
180.0	44	49	5	49	189.0	9191	10725	1534	10725	195.2	1191	1376	186	1569
180.1	-	-	-	-	189.1	141	156	15	156	195.3	301	371	70	446
180.8	4	5	1	5	189.2	289	397	108	397	195.4	13	18	5	25
180.9	4377	5014	637	5014	189.3	143	196	53	196	195.5	37	52	15	59
181	17	18	1	18	189.4	1	1	-	1	195.8	33	39	6	45
182.0	3045	3620	575	3620	189.8	-	-	-	-	196.0	...	195	195	195
182.1	-	-	-	-	189.9	47	64	17	66	196.1	...	146	146	146
182.8	-	-	-	-	190.0	5	7	2	7	196.2	...	203	203	203
183.0	11838	12912	1074	12912	190.1	38	63	25	63	196.3	...	28	28	28
183.2	174	188	14	188	190.2	2	4	2	4	196.5	...	30	30	30
183.3	-	-	-	-	190.3	2	2	-	2	196.6	...	14	14	14
183.4	1	1	-	1	190.4	1	1	-	1	196.8	...	3	3	3
183.5	-	-	-	-	190.5	24	31	7	31	196.9	...	1573	1573	1573
183.8	4	5	1	5	190.6	4	6	2	6	197.0	...	18391	18391	18391
183.9	3	3	-	3	190.7	1	1	-	1	197.1	...	865	865	865
184.0	346	473	127	473	190.8	-	-	-	-	197.2	...	1437	1437	1437
184.1	10	13	3	13	190.9	175	221	46	222	197.3	...	285	285	285
184.2	-	-	-	-	191.0	416	450	34	450	197.4	...	195	195	195
184.3	3	4	1	4	191.1	258	276	18	276	197.5	...	2040	2040	2040
184.4	529	694	165	696	191.2	166	183	17	183	197.6	...	1587	1587	1587
184.8	30	31	1	31	191.3	149	164	15	164	197.7	...	26914	26914	26914
184.9	51	61	10	64	191.4	41	44	3	44	197.8	...	1756	1756	1756
185	27864	38552	10688	38552	191.5	24	26	2	26	198.0	...	554	554	554
186.0	3	3	-	3	191.6	198	211	13	211	198.1	...	655	655	655
186.9	419	502	83	502	191.7	183	197	14	197	198.2	...	778	778	778
187.1	1	4	3	4	191.8	113	119	6	119	198.3	...	20287	20287	20287
187.2	2	3	1	3	191.9	9025	9684	659	9702	198.4	...	1274	1274	1274
187.3	-	-	-	-	192.0	13	16	3	16	198.5	...	15591	15591	15591

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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198.6	...	300	300	300	206.9	34	39	5	40	213.4	-	1	1	1
198.7	...	761	761	761	207.0	148	169	21	169	213.5	-	-	-	-
198.8	...	11894	11894	11894	207.1	-	1	1	1	213.6	-	-	-	-
199.0	2538	35504	32966	35504	207.2	39	40	1	40	213.7	-	-	-	-
199.1	30060	67729	37670	59059	207.8	52	65	13	65	213.8	-	-	-	-
200.0	1182	1386	204	1399	208.0	2608	2864	256	2972	213.9	-	-	-	-
200.1	1174	1438	264	1438	208.1	170	310	140	315	214	8	28	20	28
200.2	132	150	18	195	208.2	6	8	2	8	215.0	-	2	2	2
200.8	358	413	55	435	208.8	33	40	7	43	215.2	1	2	1	2
201.0	-	-	-	-	208.9	1738	2445	707	2618	215.3	-	-	-	-
201.1	-	-	-	-	210.0	-	-	-	-	215.4	3	6	3	6
201.2	5	5	-	5	210.1	-	-	-	-	215.5	-	1	1	1
201.4	3	4	1	4	210.2	4	7	3	7	215.6	5	5	-	5
201.5	32	35	3	35	210.3	-	-	-	-	215.7	-	1	1	1
201.6	11	16	5	16	210.4	-	-	-	-	215.8	-	2	2	2
201.7	7	7	-	7	210.5	-	-	-	-	215.9	23	46	23	46
201.9	1697	2261	564	2267	210.6	-	-	-	-	216.0	-	-	-	-
202.0	253	312	59	312	210.7	-	-	-	-	216.1	-	1	1	1
202.1	171	238	67	238	210.8	-	-	-	-	216.2	-	-	-	-
202.2	12	16	4	16	210.9	-	1	1	1	216.3	-	2	2	2
202.3	37	40	3	40	211.0	2	5	3	5	216.4	-	1	1	1
202.4	111	179	68	179	211.1	13	47	34	47	216.5	1	4	3	4
202.5	-	3	3	3	211.2	4	7	3	7	216.6	-	-	-	-
202.6	-	1	1	1	211.3	50	296	246	296	216.7	1	4	3	4
202.8	12960	15944	2984	16341	211.4	3	14	11	14	216.8	-	-	-	-
202.9	29	42	13	43	211.5	12	17	5	17	216.9	12	24	12	24
203.0	8062	9904	1842	9904	211.6	5	12	7	12	217	-	4	4	4
203.1	47	85	38	85	211.7	20	49	29	49	218	14	60	46	60
203.8	32	50	18	50	211.8	3	3	-	3	219.0	-	1	1	1
204.0	1449	1597	148	1636	211.9	7	10	3	10	219.1	-	-	-	-
204.1	3169	5457	2288	5457	212.0	3	5	2	5	219.8	-	-	-	-
204.2	3	3	-	3	212.1	4	6	2	6	219.9	2	9	7	9
204.8	1	1	-	1	212.2	-	1	1	1	220	14	41	27	41
204.9	365	509	144	517	212.3	8	22	14	22	221.0	-	1	1	1
205.0	4698	5006	308	5123	212.4	-	-	-	-	221.1	-	-	-	-
205.1	2214	2766	552	2766	212.5	2	3	1	3	221.2	-	-	-	-
205.2	20	25	5	25	212.6	17	42	25	42	221.8	-	-	-	-
205.3	12	20	8	20	212.7	43	79	36	79	221.9	-	-	-	-
205.8	-	-	-	-	212.8	-	-	-	-	222.0	-	-	-	-
205.9	290	369	79	378	212.9	-	-	-	-	222.1	-	-	-	-
206.0	219	238	19	238	213.0	-	2	2	2	222.2	-	2	2	2
206.1	16	22	6	22	213.1	3	3	-	3	222.3	-	-	-	-
206.2	-	1	1	1	213.2	3	5	2	5	222.4	-	1	1	1
206.8	-	-	-	-	213.3	-	-	-	-	222.8	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	
223.0	3	11	8	11	230.7	-	-	-	-	236.4	-	-	-	
223.1	-	-	-	-	230.8	-	-	-	-	236.5	-	-	-	
223.2	-	-	-	-	230.9	1	1	-	1	236.6	-	-	-	
223.3	-	2	2	2	231.0	1	3	2	3	236.7	1	10	9	
223.8	-	-	-	-	231.1	-	-	-	-	236.9	7	9	2	
223.9	-	-	-	-	231.2	-	1	1	1	237.0	55	99	44	
224.0	-	-	-	-	231.8	-	-	-	-	237.1	7	13	6	
224.1	-	-	-	-	231.9	-	-	-	-	237.2	-	-	-	
224.2	-	-	-	-	232.0	-	-	-	-	237.3	10	13	3	
224.3	-	-	-	-	232.1	-	-	-	-	237.4	-	2	2	
224.4	-	-	-	-	232.2	-	-	-	-	237.5	24	33	9	
224.5	-	-	-	-	232.3	-	1	1	1	237.6	5	6	1	
224.6	-	-	-	-	232.4	-	-	-	-	237.7	63	243	180	
224.7	-	-	-	-	232.5	-	-	-	-	237.9	-	2	2	
224.8	-	-	-	-	232.6	-	1	1	1	238.0	7	17	10	
224.9	-	-	-	-	232.7	-	-	-	-	238.1	19	33	14	
225.0	103	141	38	141	232.8	-	-	-	-	238.2	-	3	3	
225.1	51	95	44	95	232.9	-	4	4	4	238.3	3	4	1	
225.2	755	1432	677	1432	233.0	-	2	2	2	238.4	296	1207	911	
225.3	4	11	7	11	233.1	-	3	3	3	238.5	-	-	-	
225.4	4	7	3	7	233.2	-	-	-	-	238.6	38	72	34	
225.8	-	-	-	-	233.3	-	1	1	1	238.7	685	1338	653	
225.9	1	2	1	2	233.4	-	2	2	2	238.8	15	24	9	
226	1	23	22	23	233.5	-	-	-	-	238.9	89	163	74	
227.0	33	103	70	103	233.6	-	-	-	-	239.0	338	626	288	
227.1	12	40	28	40	233.7	1	4	3	4	239.1	339	739	400	
227.3	88	202	114	202	233.9	1	1	-	1	239.2	32	70	38	
227.4	-	-	-	-	234.0	-	-	-	-	239.3	3	27	24	
227.5	-	-	-	-	234.8	1	2	1	2	239.4	38	128	90	
227.6	-	-	-	-	234.9	2	5	3	5	239.5	73	219	146	
227.8	-	-	-	-	235.0	-	-	-	-	239.6	2408	3033	625	
227.9	-	-	-	-	235.1	2	4	2	4	239.7	142	343	201	
228.0	36	82	46	82	235.2	58	164	106	164	239.8	175	411	236	
228.1	37	92	55	92	235.3	17	26	9	26	239.9	123	234	111	
229.0	-	-	-	-	235.4	6	9	3	9	240.0	-	-	-	
229.8	9	13	4	13	235.5	11	16	5	17	240.9	27	216	189	
229.9	16	37	21	39	235.6	-	-	-	-	241.0	1	26	25	
230.0	-	-	-	-	235.7	16	27	11	27	241.1	6	35	29	
230.1	1	1	-	1	235.8	6	8	2	8	241.9	2	39	37	
230.2	1	1	-	1	235.9	-	-	-	-	242.0	17	76	59	
230.3	1	8	7	8	236.0	-	2	2	2	242.1	-	1	1	
230.4	-	1	1	1	236.1	1	1	-	1	242.2	1	6	5	
230.5	-	-	-	-	236.2	5	7	2	7	242.3	2	9	7	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD 9 CATEGORY: UNITED STATES, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
242.4	-	1	1	1	253.0	11	71	60	71	259.8	2	6	4	6
242.8	- 1	1	-	1	253.1	-	1	1	1	259.9	7	25	18	31
242.9	111	551	440	568	253.2	47	325	278	325	260	42	128	87	134
243	1	17	16	17	253.3	2	6	4	6	261	297	2081	1803	2178
244.0	...	4	4	4	253.4	-	-	-	-	262	13	38	25	35
244.1	-	1	1	1	253.5	18	161	143	161	263.0	1	8	7	8
244.2	-	1	1	1	253.6	75	515	440	515	263.1	1	1	-	1
244.3	1	2	1	2	253.7	-	-	-	-	263.2	1	1	-	-
244.8	1	3	2	3	253.8	2	17	15	17	263.8	1	2	1	2
244.9	537	6219	5682	6219	253.9	8	25	17	28	263.9	2385	23619	21234	24261
245.0	1	3	2	3	254.0	3	5	2	5	264.0	-	-	-	-
245.1	-	-	-	-	254.1	1	2	1	2	264.1	-	-	-	-
245.2	1	23	22	23	254.8	4	8	4	8	264.2	-	1	1	1
245.3	2	5	3	5	254.9	1	1	-	1	264.3	-	-	-	-
245.4	-	1	1	1	255.0	38	269	231	269	264.4	-	-	-	-
245.8	-	7	7	7	255.1	8	20	12	20	264.5	-	-	-	-
245.9	2	26	24	27	255.2	5	10	5	10	264.6	-	-	-	-
246.0	-	-	-	-	255.3	1	24	23	24	264.7	-	-	-	-
246.1	-	-	-	-	255.4	144	943	799	944	264.8	-	-	-	-
246.2	1	2	1	2	255.5	1	7	6	7	264.9	3	5	2	5
246.3	3	5	2	5	255.6	-	2	2	2	265.0	-	5	5	5
246.8	6	10	4	10	255.8	11	70	59	70	265.1	19	66	47	67
246.9	13	114	101	118	255.9	6	36	30	38	265.2	2	2	1	3
250.0	28636	133487	104868	150149	256.0	-	-	-	-	266.0	-	1	1	1
250.1	1660	2878	1219	1878	256.1	-	-	-	-	266.1	-	-	-	-
250.2	1288	2189	901	1316	256.2	-	-	-	-	266.2	5	79	74	93
250.3	2902	5886	3006	1442	256.3	-	1	1	1	266.9	-	2	2	2
250.4	77	320	243	146	256.4	-	5	5	5	267	4	9	5	9
250.5	231	644	413	239	256.8	-	-	-	-	268.0	1	6	5	6
250.6	2655	6882	4234	228	256.9	-	-	-	-	268.1	-	-	-	-
250.7	901	2121	1223	128	257.0	-	1	1	1	268.2	6	34	29	36
250.9	182	221	40	255	257.1	-	-	-	-	268.9	-	-	-	-
251.0	42	114	73	168	257.2	-	3	3	3	269.0	1	8	7	9
251.1	5	9	4	9	257.8	-	1	1	1	269.1	-	-	-	-
251.2	145	1132	987	1150	257.9	-	-	-	-	269.2	1	7	6	8
251.3	...	-	-	-	258.0	-	-	-	-	269.3	1	6	5	6
251.4	-	-	-	-	258.1	-	4	4	4	269.8	2	8	6	8
251.5	15	38	23	38	258.8	-	-	-	-	269.9	103	932	829	986
251.8	1	19	18	19	258.9	2	14	12	14	270.0	8	21	13	21
251.9	2	3	1	3	259.0	1	2	1	2	270.1	3	7	4	7
252.0	70	338	268	338	259.1	-	1	1	1	270.2	2	7	5	7
252.1	13	101	88	101	259.2	25	44	19	44	270.3	-	1	1	1
252.8	-	-	-	-	259.3	-	4	4	4	270.4	2	2	-	2
252.9	4	15	11	15	259.4	64	137	73	137	270.5	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

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	30	42	12	42	276.6	26	234	208	234	283.0	86	242	156	242
270.7	15	28	13	28	276.7	240	3303	3063	3303	283.1	33	140	107	140
270.8	-	1	1	1	276.8	105	929	824	929	283.2	19	29	10	29
270.9	2	4	2	4	276.9	380	3319	2939	4383	283.9	24	51	27	51
271.0	26	41	15	41	277.0	381	414	33	414	284.0	22	53	31	28
271.1	-	2	2	2	277.1	7	35	28	35	284.8	406	2671	2265	2713
271.2	-	-	-	-	277.2	3	6	3	6	284.9	841	1840	1002	1947
271.3	7	141	134	141	277.3	604	985	381	985	285.0	179	490	311	470
271.4	9	18	9	18	277.4	-	11	11	11	285.1	3	12	9	11
271.8	8	9	1	9	277.5	49	71	22	71	285.8	36	178	142	176
271.9	-	-	-	-	277.6	113	155	42	155	285.9	1286	25506	24222	26147
272.0	202	716	516	736	277.8	51	83	32	83	286.0	58	265	207	267
272.1	17	57	41	77	277.9	305	1620	1315	1862	286.1	2	20	18	20
272.2	5	30	25	10	278.0	1024	7745	6721	7809	286.2	1	6	5	6
272.3	1	2	1	2	278.1	-	-	-	-	286.3	52	143	91	143
272.4	257	978	721	985	278.2	-	-	-	-	286.4	5	32	27	32
272.5	6	18	12	18	278.3	2	3	1	3	286.5	7	11	4	11
272.6	-	4	4	4	278.4	1	1	-	1	286.6	713	4419	3706	4419
272.7	43	69	26	69	278.8	104	171	67	171	286.7	4	6	2	5
272.8	1	13	12	13	279.0	19	78	59	78	286.9	350	2359	2009	2400
272.9	4	13	9	13	279.1	24	55	31	55	287.0	8	25	17	25
273.0	3	8	5	8	279.2	32	58	26	59	287.1	5	19	14	19
273.1	32	128	96	128	279.3	362	864	502	875	287.2	9	41	32	43
273.2	73	141	68	141	279.4	95	194	99	197	287.3	255	643	388	643
273.3	225	454	229	454	279.8	9	24	15	24	287.4	13	68	55	68
273.8	129	986	857	986	279.9	14	28	14	28	287.5	403	3805	3402	3833
273.9	17	30	13	30	280	103	1200	1097	1128	287.8	5	14	9	14
274.0	17	263	246	221	281.0	99	1331	1232	1331	287.9	68	336	268	404
274.1	20	31	16	24	281.1	-	12	12	12	288.0	331	2373	2042	2374
274.8	-	6	6	1	281.2	12	143	131	143	288.1	16	42	26	42
274.9	32	1099	1068	1158	281.3	2	4	2	4	288.2	3	5	2	5
275.0	149	387	238	433	281.4	1	3	2	3	288.3	12	30	18	32
275.1	4	17	13	17	281.8	9	158	149	2	288.8	159	683	524	683
275.2	6	44	38	44	281.9	44	235	191	185	288.9	2	9	7	9
275.3	7	29	22	29	282.0	7	16	9	16	289.0	5	76	71	76
275.4	146	4513	4367	4513	282.1	1	1	-	1	289.1	-	1	1	1
275.8	-	1	1	1	282.2	1	3	2	3	289.2	1	5	4	5
275.9	1	3	2	3	282.3	8	10	2	10	289.3	6	21	15	21
276.0	198	876	678	876	282.4	32	120	88	120	289.4	18	190	172	190
276.1	184	1529	1345	1529	282.5	4	17	13	20	289.5	109	531	422	532
276.2	855	7097	6243	8123	282.6	372	562	190	565	289.6	3	6	3	6
276.3	11	107	96	107	282.7	5	16	11	16	289.7	-	3	3	3
276.4	-	7	7	7	282.8	-	3	3	3	289.8	1580	3619	2039	3639
276.5	2694	21553	18859	21559	282.9	178	640	462	651	289.9	101	412	311	552

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, 1987

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	2689	12591	9911	12548	296.8	2	8	6	8	302.5	-	2	2	2
290.1	1917	4655	2738	4263	296.9	3	30	27	30	302.6	-	-	-	-
290.2	66	419	357	96	297.0	-	-	-	-	302.7	-	1	1	1
290.3	6	15	9	2	297.1	-	46	46	46	302.8	-	1	1	1
290.4	889	3105	2216	2576	297.2	-	2	2	2	302.9	-	2	2	2
290.8	1	5	4	5	297.3	1	5	4	5	303	4262	12675	8414	17889
290.9	4	14	10	13	297.8	-	1	1	1	304.0	25	44	19	44
291.0	159	274	127	297	297.9	5	50	45	50	304.1	1	5	4	5
291.1	12	12	7	8	298.0	-	8	8	8	304.2	8	20	12	20
291.2	68	54	40	48	298.1	2	5	3	5	304.3	-	1	1	1
291.3	1	2	1	2	298.2	-	1	1	1	304.4	-	-	-	-
291.4	-	-	-	-	298.3	-	1	1	1	304.5	-	1	1	1
291.5	-	-	-	-	298.4	-	3	3	3	304.6	6	59	53	59
291.8	135	198	82	253	298.8	2	5	3	5	304.7	1	2	1	2
291.9	7	65	60	4	298.9	2198	8734	6539	8914	304.8	-	2	2	2
292.0	4	11	7	11	299.0	1	9	8	9	304.9	1029	2937	1908	2942
292.1	-	-	-	-	299.1	-	-	-	-	305.0	676	3115	2439	4828
292.2	-	-	-	-	299.8	-	-	-	-	305.1	154	10253	10099	10253
292.8	-	3	3	3	299.9	-	-	-	-	305.2	-	17	17	17
292.9	-	3	3	3	300.0	12	301	289	302	305.3	-	1	1	1
293.0	-	7	7	7	300.1	15	29	14	30	305.4	1	6	5	6
293.1	-	-	-	-	300.2	-	12	12	11	305.5	11	35	24	35
293.8	2	4	2	4	300.3	-	1	1	1	305.6	50	210	160	210
293.9	4	27	23	27	300.4	26	362	336	362	305.7	3	13	10	13
294.0	12	134	122	134	300.5	1	3	2	3	305.8	-	2	2	2
294.8	-	3	3	3	300.6	-	-	-	-	305.9	737	1897	1160	1921
294.9	65	1275	1213	10961	300.7	-	2	2	2	306.0	-	-	-	-
295.0	70	238	168	238	300.8	-	4	4	4	306.1	5	14	9	14
295.1	1	9	8	9	300.9	25	267	242	268	306.2	14	89	75	89
295.2	22	65	43	65	301.0	-	2	2	2	306.3	-	-	-	-
295.3	14	224	210	224	301.1	-	3	3	3	306.4	6	11	5	11
295.4	1	1	-	1	301.2	-	10	10	10	306.5	-	-	-	-
295.5	-	1	1	1	301.3	-	5	5	5	306.6	-	-	-	-
295.6	49	591	542	591	301.4	-	-	-	-	306.7	-	-	-	-
295.7	2	29	27	29	301.5	-	3	3	3	306.8	-	-	-	-
295.8	1	16	15	16	301.6	-	3	3	3	306.9	-	2	2	2
295.9	95	1493	1398	1498	301.7	-	1	1	1	307.0	-	1	1	1
296.0	2	18	16	18	301.8	1	5	4	5	307.1	71	147	76	147
296.1	30	259	229	259	301.9	2	59	57	59	307.2	-	8	8	8
296.2	-	6	6	6	302.0	-	19	19	19	307.3	-	-	-	-
296.3	-	5	5	5	302.1	-	-	-	-	307.4	-	-	-	-
296.4	-	2	2	2	302.2	-	-	-	-	307.5	78	283	205	283
296.5	3	94	91	94	302.3	-	-	-	-	307.6	-	-	-	-
296.6	11	239	228	239	302.4	-	-	-	-	307.7	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD 9 CATEGORY UNITED STATES, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
307.8	-	-	-	-	315.8	-	1	1	1	333.5	11	50	39	50
307.9	19	92	73	107	315.9	2	21	19	21	333.6	4	9	5	9
308.0	1	1	-	1	316	-	2	2	2	333.7	-	1	1	1
308.1	-	-	-	-	317	-	20	20	20	333.8	33	148	115	148
308.2	-	-	-	-	318.0	3	16	13	16	333.9	16	53	37	53
308.3	1	3	2	3	318.1	61	265	204	265	334.0	61	85	24	85
308.4	-	-	-	-	318.2	44	182	138	182	334.1	2	7	5	7
308.9	51	311	260	311	319	250	1549	1299	1551	334.2	17	35	18	35
309.0	1	27	26	27	320.0	130	149	19	149	334.3	10	59	49	59
309.1	-	-	-	-	320.1	197	360	163	360	334.8	62	117	55	117
309.2	-	-	-	-	320.2	86	147	61	147	334.9	80	225	145	228
309.3	-	-	-	-	320.3	17	89	72	89	335.0	137	147	10	147
309.4	-	-	-	-	320.8	24	61	37	61	335.1	26	31	5	31
309.8	-	-	-	-	320.9	243	411	168	417	335.2	3381	4005	624	4007
309.9	-	2	2	2	322.0	3	6	3	6	335.8	-	-	-	-
310.0	-	4	4	4	322.1	-	-	-	-	335.9	3	6	3	6
310.1	-	8	8	9	322.2	7	12	5	12	336.0	30	64	34	64
310.2	10	42	32	43	322.9	454	1587	1133	1619	336.1	32	105	74	105
310.8	-	6	6	6	323.5	1	3	2	3	336.8	19	71	52	72
310.9	4901	33607	28706	33611	323.8	3	8	5	8	336.9	78	268	190	1001
311	248	4377	4129	4385	323.9	292	878	586	947	337.0	3	12	9	12
312.0	-	1	1	1	324.0	173	478	305	478	337.9	12	39	27	63
312.1	-	-	-	-	324.1	8	15	7	15	340	1662	2904	1242	2904
312.2	-	1	1	1	324.9	26	52	26	52	341.0	4	9	5	9
312.3	-	1	1	1	325	18	72	54	72	341.1	4	8	4	8
312.8	-	3	3	3	326	28	47	19	47	341.8	16	22	6	22
312.9	1	11	10	12	330.0	60	75	15	75	341.9	106	252	146	257
313.0	-	-	-	-	330.1	29	43	14	43	342.0	-	4	4	4
313.1	-	-	-	-	330.8	16	19	3	19	342.1	1	13	12	13
313.2	-	-	-	-	330.9	-	2	2	2	342.9	199	9300	9101	9841
313.3	-	-	-	-	331.0	11311	25950	14640	26323	343.0	-	8	8	5
313.8	-	-	-	-	331.1	14	24	10	25	343.1	1	3	2	3
313.9	-	-	-	-	331.2	48	129	82	112	343.2	23	53	30	21
314.0	-	1	1	1	331.3	17	46	29	46	343.3	-	-	-	-
314.1	-	1	1	1	331.4	634	2153	1521	2181	343.4	-	1	1	1
314.2	-	-	-	-	331.8	54	93	39	93	343.8	1	2	1	2
314.8	1	1	-	1	331.9	637	2523	1886	2743	343.9	616	1158	544	1195
314.9	2	5	3	6	332.0	6281	18737	12457	18746	344.0	233	1338	1106	1371
315.0	-	-	-	-	332.1	7	15	8	15	344.1	126	1434	1308	1437
315.1	-	-	-	-	333.0	182	276	94	267	344.2	-	17	17	18
315.2	-	-	-	-	333.1	1	34	33	34	344.3	2	47	45	47
315.3	-	1	1	1	333.2	10	25	15	25	344.4	-	26	26	26
315.4	2	22	20	22	333.3	-	-	-	-	344.5	1	4	3	4
315.5	-	-	-	-	333.4	362	564	202	564	344.6	99	568	469	568

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, 1987

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	154	1391	1237	1391	352.5	1	1	-	5	358.2	-	-	-	
344.9	52	802	750	837	352.6	10	19	9	13	358.8	13	23	10	
345.0	6	12	6	12	352.9	9	25	16	25	358.9	113	189	76	
345.1	393	844	451	844	353.0	-	10	10	10	359.0	29	33	4	
345.2	-	1	1	1	353.1	-	3	3	3	359.1	603	833	230	
345.3	572	1127	555	1125	353.2	-	-	-	-	359.2	106	162	56	
345.4	7	22	15	21	353.3	-	-	-	-	359.3	1	5	4	
345.5	3	14	11	14	353.4	-	-	-	-	359.4	5	43	39	
345.6	1	14	13	14	353.5	-	-	-	-	359.8	22	45	23	
345.7	-	3	3	3	353.6	-	-	-	-	359.9	84	240	156	
345.8	-	1	1	1	353.8	-	-	-	-	360.0	1	15	14	
345.9	596	1253	657	1306	353.9	-	-	-	-	360.1	-	2	2	
346.0	-	1	1	1	354.0	-	1	1	1	360.2	-	-	-	
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	
346.2	-	2	2	2	354.2	-	1	1	1	360.4	-	1	1	
346.8	-	2	2	2	354.3	-	1	1	1	360.5	-	-	-	
346.9	-	23	23	23	354.4	-	4	4	4	360.6	-	-	-	
347	2	32	30	32	354.5	1	8	7	8	360.8	-	2	2	
348.0	26	58	32	58	354.8	4	11	7	11	360.9	-	1	1	
348.1	2130	16440	14310	16398	354.9	-	1	1	1	361.0	-	-	-	
348.2	35	1291	1256	1291	355.0	-	2	2	2	361.1	-	-	-	
348.3	502	3181	2679	3289	355.1	-	-	-	-	361.2	-	-	-	
348.4	76	2931	2855	2931	355.2	1	5	4	5	361.3	-	-	-	
348.5	177	3067	2890	3067	355.3	-	1	1	1	361.8	-	-	-	
348.8	102	829	727	832	355.4	-	-	-	-	361.9	-	16	16	
348.9	338	1474	1136	2323	355.5	-	1	1	1	362.1	-	15	15	
349.0	-	1	1	1	355.6	-	-	-	-	362.2	-	8	8	
349.1	-	1	1	1	355.7	-	-	-	-	362.3	1	13	12	
349.2	1	3	2	3	355.8	-	8	8	8	362.4	-	1	1	
349.8	197	472	275	472	355.9	47	243	199	466	362.5	-	63	63	
349.9	100	227	127	318	356.0	-	1	1	1	362.6	-	20	20	
350.1	3	100	97	100	356.1	18	69	51	69	362.7	1	21	20	
350.2	-	-	-	-	356.2	2	3	1	3	362.8	-	5	5	
350.8	-	1	1	1	356.3	-	-	-	-	362.9	-	6	6	
350.9	1	1	-	1	356.4	-	-	-	-	363.0	-	-	-	
351.0	1	55	54	55	356.8	218	321	103	321	363.1	-	-	-	
351.1	-	-	-	-	356.9	73	386	313	630	363.2	-	45	45	
351.8	-	6	6	6	357.0	195	407	212	408	363.3	-	-	-	
351.9	-	6	6	6	357.5	4	12	9	12	363.4	-	-	-	
352.0	-	1	1	1	357.6	-	-	-	-	363.5	-	-	-	
352.1	-	3	3	3	357.7	-	-	-	-	363.6	-	1	1	
352.2	1	3	2	7	357.8	-	-	-	-	363.7	-	-	-	
352.3	3	4	1	8	357.9	7	34	27	48	363.8	-	-	-	
352.4	-	-	-	1	358.0	275	674	399	674	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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			
	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS	AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS	AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS	AXIS
364.0	-	-	-	-	369.0	6	1448	1442	1448	374.2	-	-	-	-		
364.1	-	-	-	-	369.1	-	2	2	2	374.3	-	1	1	1		
364.2	-	1	1	1	369.2	-	-	-	-	374.4	-	-	-	-		
364.3	-	2	2	2	369.3	-	-	-	-	374.5	-	-	-	-		
364.4	-	1	1	1	369.6	-	16	16	16	374.8	-	-	-	-		
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	-	-	-		
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	2	2	2		
364.7	-	-	-	-	369.9	-	44	44	44	375.1	-	-	-	-		
364.8	-	-	-	-	370.0	-	10	10	10	375.2	-	-	-	-		
364.9	-	2	2	2	370.2	-	1	1	1	375.3	-	1	1	1		
365.0	-	1	1	1	370.3	-	-	-	-	375.4	-	1	1	1		
365.1	-	9	9	9	370.4	-	-	-	-	375.5	-	-	-	-		
365.2	1	6	5	6	370.5	-	-	-	-	375.6	-	-	-	-		
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-		
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-		
365.5	-	-	-	-	370.9	1	1	-	1	376.0	6	22	16	22		
365.6	-	-	-	-	371.0	-	5	5	5	376.1	-	3	3	3		
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	8	8	9		
365.9	2	716	714	722	371.2	-	-	-	-	376.4	-	1	1	1		
366.0	-	-	-	-	371.3	-	-	-	-	376.5	-	1	1	1		
366.1	1	7	6	7	371.4	1	5	4	5	376.6	-	-	-	-		
366.2	-	-	-	-	371.5	-	1	1	1	376.8	-	1	1	1		
366.3	-	-	-	-	371.6	-	-	-	-	376.9	-	2	2	2		
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	4	4	4		
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	13	13	13		
366.8	-	-	-	-	371.9	-	2	2	2	377.2	-	1	1	1		
366.9	2	263	261	303	372.0	-	5	5	5	377.3	-	9	9	9		
367.0	-	-	-	-	372.1	-	3	3	3	377.4	-	1	1	1		
367.1	-	-	-	-	372.2	-	1	1	1	377.5	-	-	-	-		
367.2	-	1	1	1	372.3	-	11	11	11	377.6	-	-	-	-		
367.3	-	-	-	-	372.4	-	1	1	1	377.7	-	-	-	-		
367.4	-	-	-	-	372.5	-	-	-	-	377.9	-	-	-	-		
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	-	-	-		
367.8	-	-	-	-	372.7	-	1	1	1	378.1	-	-	-	-		
367.9	-	1	1	1	372.8	-	-	-	-	378.2	-	-	-	-		
368.0	-	8	8	8	372.9	-	-	-	-	378.3	-	-	-	-		
368.1	-	3	3	3	373.0	-	-	-	-	378.4	-	-	-	-		
368.2	-	2	2	2	373.1	-	-	-	-	378.5	1	6	5	6		
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-		
368.4	-	10	10	10	373.3	-	-	-	-	378.7	-	-	-	-		
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	4	4	4		
368.6	-	-	-	-	373.9	-	1	1	1	378.9	-	5	5	5		
368.8	-	-	-	-	374.0	-	2	2	2	379.0	-	3	3	3		
368.9	-	-	-	-	374.1	-	-	-	-	379.1	-	-	-	-		

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY		UC	RECORD	AXIS	ENTITY
		TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS			TOTAL	SECOND-	AXIS
	MENTION	ARY			MENTION	ARY				MENTION	ARY			
379.2	-	1	1	1	385.3	1	10	9	10	394.9	1729	3261	1532	3350
379.3	-	3	3	3	385.8	-	-	-	-	395.0	99	127	28	194
379.4	-	1	1	1	385.9	-	4	4	4	395.1	27	41	14	72
379.5	-	1	1	1	386.0	-	30	30	30	395.2	19	22	3	-
379.8	-	6	6	6	386.1	-	-	-	-	395.9	61	93	32	110
379.9	-	11	11	12	386.2	-	-	-	-	396	1014	1664	650	1613
380.0	-	-	-	-	386.3	-	15	15	15	397.0	121	542	421	542
380.1	7	32	25	32	386.4	-	-	-	-	397.1	-	3	3	3
380.2	-	-	-	-	386.5	-	1	1	1	397.9	351	501	150	613
380.3	-	-	-	-	386.8	-	1	1	1	398.0	5	5	-	11
380.4	-	-	-	-	386.9	-	1	1	1	398.9	1706	2899	1194	4330
380.5	-	-	-	-	387.0	-	-	-	-	401.0	46	477	431	582
380.8	-	1	1	1	387.1	-	-	-	-	401.1	3	81	78	104
380.9	-	1	1	1	387.2	-	-	-	-	401.9	4011	83564	79562	97689
381.0	-	-	-	-	387.8	-	-	-	-	402.0	18	18	7	5
381.1	-	-	-	-	387.9	-	8	8	8	402.1	8	14	6	2
381.2	-	-	-	-	388.0	-	15	15	15	402.9	20652	37671	17124	35650
381.3	-	-	-	-	388.1	-	-	-	-	403.0	39	81	46	8
381.4	-	-	-	-	388.2	-	-	-	-	403.1	10	31	21	26
381.5	-	-	-	-	388.3	-	-	-	-	403.9	4030	11834	7865	5688
381.6	-	-	-	-	388.4	-	-	-	-	404.0	11	13	3	1
381.7	-	-	-	-	388.5	-	-	-	-	404.1	3	3	1	-
381.8	-	-	-	-	388.6	-	-	-	-	404.9	2507	3617	1366	773
381.9	-	-	-	-	388.7	-	1	1	1	410	253542	279776	26238	279777
382.0	2	2	-	2	388.8	-	1	1	1	411	3532	8590	5058	8590
382.1	1	1	-	1	388.9	-	4	4	4	412	992	6598	5606	6598
382.2	-	-	-	-	389.0	-	1	1	1	413	1032	6233	5201	6233
382.3	1	1	-	1	389.1	-	23	23	23	414.0	179886	305544	125659	305545
382.4	6	8	2	8	389.2	-	-	-	-	414.1	330	1223	893	1223
382.9	44	112	68	112	389.7	-	42	42	42	414.8	9321	15516	6195	15516
383.0	2	2	-	2	389.8	-	5	5	5	414.9	63503	121102	57599	129692
383.1	3	7	4	7	389.9	-	501	501	502	415.0	11	120	109	120
383.2	-	-	-	-	390	13	47	34	65	415.1	10376	29044	18668	29044
383.3	-	-	-	-	391.0	18	53	35	53	416.0	1114	3111	1997	3111
383.8	-	-	-	-	391.1	5	10	5	11	416.1	104	256	152	41
383.9	9	27	18	27	391.2	-	-	-	-	416.8	-	2	2	2
384.0	-	1	1	1	391.8	1	1	-	-	416.9	944	8316	7372	8612
384.1	1	2	1	2	391.9	4	6	2	7	417.0	1	7	6	7
384.2	-	2	2	2	392.0	-	-	-	-	417.1	15	24	9	24
384.8	-	2	2	2	392.9	1	1	-	1	417.8	28	66	38	66
384.9	-	-	-	-	393	1	1	-	1	417.9	7	13	6	18
385.0	-	-	-	-	394.0	946	1628	682	1790	420.9	76	221	145	222
385.1	-	-	-	-	394.1	169	248	79	411	421.0	862	2072	1210	2114
385.2	-	-	-	-	394.2	99	136	38	3	421.9	14	35	21	40

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, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
422.9	279	421	142	424	429.4	...	20	20	20	442.1	29	43	14	43
423.0	39	707	668	707	429.5	15	45	30	45	442.2	170	316	146	316
423.1	15	78	63	78	429.6	4	132	128	132	442.3	37	111	74	111
423.2	74	208	134	208	429.8	110	521	411	528	442.8	104	261	157	276
423.8	8	41	33	41	429.9	2351	8230	5883	17634	442.9	329	530	202	786
423.9	408	3695	3287	3927	430	6737	7684	957	7037	443.0	7	76	69	76
424.0	1796	4207	2411	4204	431	18403	25400	7005	26029	443.1	14	48	34	48
424.1	6919	15256	8337	15258	432.0	6	13	7	13	443.8	30	68	38	68
424.2	1	19	18	19	432.1	408	1061	654	1080	443.9	2936	11636	9029	15603
424.3	8	20	12	20	432.9	1856	2882	1031	3116	444.0	146	325	179	325
424.9	2228	4523	2295	4821	433.0	376	483	107	553	444.1	303	639	336	639
425.0	5	6	1	6	433.1	811	1652	841	1666	444.2	577	2433	1856	2433
425.1	257	430	173	430	433.2	21	35	14	110	444.8	119	497	378	497
425.2	-	-	-	-	433.3	89	140	51	60	444.9	326	1095	769	1508
425.3	82	104	22	104	433.8	15	30	15	33	446.0	118	203	85	203
425.4	17169	21931	4763	21937	433.9	2	7	5	7	446.1	1	3	2	3
425.5	799	934	210	741	434.0	11108	15414	4306	15414	446.2	106	204	98	204
425.9	348	7265	6925	8160	434.1	739	2396	1657	2396	446.3	5	9	4	9
426.0	329	3098	2769	3098	434.9	11297	19630	8333	20656	446.4	148	217	69	217
426.1	36	425	389	425	435	366	2289	1923	2289	446.5	105	526	421	526
426.2	-	14	14	14	436	81477	144294	62818	150459	446.6	199	240	41	240
426.3	10	360	350	360	437.0	5223	27360	22150	26678	446.7	7	17	10	17
426.4	8	261	253	261	437.1	594	1907	1314	1953	447.0	13	31	18	31
426.5	19	136	117	136	437.2	93	148	55	136	447.1	118	347	229	347
426.6	15	114	99	114	437.3	370	618	249	1964	447.2	246	621	375	621
426.7	39	110	71	110	437.4	65	111	46	111	447.3	-	-	-	-
426.8	262	3228	2966	3228	437.5	11	19	8	19	447.4	1	2	1	2
426.9	163	1662	1499	1662	437.6	2	2	-	2	447.5	1	6	5	6
427.0	22	223	201	223	437.8	146	681	535	432	447.6	503	1242	739	1328
427.1	530	6836	6306	6836	437.9	4013	12209	8198	18316	447.8	19	46	27	46
427.2	5	65	60	65	438	5607	16769	11162	16769	447.9	413	655	242	932
427.3	2494	24124	21631	24124	440.0	63	429	366	699	448.0	21	83	62	83
427.4	1563	22668	21105	22668	440.1	45	246	201	260	448.1	-	1	1	1
427.5	46347	553748	507401	553749	440.2	1026	3681	2655	2346	448.9	22	59	37	60
427.6	92	1271	1179	1271	440.8	9	51	42	56	451.0	4	13	9	14
427.8	540	4817	4277	4817	440.9	21331	97980	76650	109336	451.1	517	1160	643	1161
427.9	3757	41478	37721	63447	441.0	2820	3156	337	3156	451.2	511	1177	666	1179
428.0	35387	220427	185050	222867	441.1	1295	1375	80	1438	451.8	44	97	53	97
428.1	219	980	761	2538	441.2	521	1118	597	1269	451.9	475	1435	960	1451
428.9	5604	39630	34027	42979	441.3	6400	6890	490	6882	452	46	134	88	134
429.0	753	2120	1372	2055	441.4	1668	5073	3405	5550	453.0	49	111	62	111
429.1	765	1437	672	1453	441.5	2352	2500	148	2671	453.1	3	43	40	43
429.2	72442	114190	41753	115366	441.6	581	1916	1335	2199	453.2	55	215	160	215
429.3	759	6507	5748	6605	442.0	-	3	3	3	453.3	9	39	30	39

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, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
453.8	178	471	293	471	463	6	10	4	10	478.8	-	-	-	-
453.9	99	935	836	1563	464.0	10	29	19	33	478.9	6	12	6	13
454.0	46	223	178	225	464.1	18	49	31	59	480.0	4	11	7	11
454.1	7	72	65	74	464.2	8	14	6	13	480.1	16	27	11	27
454.2	11	20	9	10	464.3	71	90	19	90	480.2	1	1	-	1
454.9	113	297	184	317	464.4	6	9	3	9	480.8	3	11	8	12
455.0	1	5	4	6	465.0	-	2	2	2	480.9	556	885	329	910
455.1	-	-	-	-	465.8	-	2	2	2	481	2529	4651	2122	4630
455.2	-	3	3	2	465.9	141	657	517	739	482.0	361	867	506	871
455.3	-	5	5	5	466.0	490	1760	1272	2046	482.1	651	1922	1271	1935
455.4	-	1	1	1	466.1	58	147	89	147	482.2	121	261	140	263
455.5	-	1	1	1	470	-	1	1	1	482.3	261	482	221	489
455.6	5	38	33	47	471.0	-	-	-	-	482.4	703	1591	888	1609
455.7	-	2	2	2	471.1	-	-	-	-	482.8	344	752	408	757
455.8	5	28	23	19	471.8	-	2	2	2	482.9	848	1760	920	1736
455.9	-	-	-	-	471.9	3	9	6	10	483	134	194	60	194
456.0	411	3618	3207	1720	472.0	1	13	12	13	485	7779	23918	16140	24022
456.1	60	911	852	2873	472.1	-	-	-	-	486	54282	148486	94209	151747
456.3	-	-	-	-	472.2	1	1	-	1	487.0	269	333	64	51
456.4	-	1	1	1	473.0	8	19	11	19	487.1	342	587	259	891
456.5	-	1	1	1	473.1	2	6	4	6	487.8	21	33	14	10
456.6	-	-	-	-	473.2	3	7	4	7	490	641	2301	1660	3470
456.8	33	360	327	360	473.3	3	5	2	5	491.0	62	27	23	44
457.0	-	-	-	-	473.8	6	18	12	18	491.1	35	76	46	120
457.1	19	200	181	200	473.9	44	157	113	160	491.2	2091	3428	1337	265
457.2	4	36	32	36	474.0	2	3	1	3	491.8	49	101	54	105
457.8	16	64	48	64	474.1	2	4	2	4	491.9	703	2385	1682	4375
457.9	2	2	-	2	474.2	-	1	1	1	492	14483	31571	17089	33223
458.0	14	148	134	157	474.8	1	7	6	7	493.0	24	32	9	24
458.1	-	1	1	1	474.9	-	11	11	11	493.1	13	29	16	29
458.9	1134	9439	8305	9440	475	33	35	2	35	493.9	4323	9311	5021	9473
459.0	449	4704	4258	5209	476.0	1	4	3	4	494	913	1695	782	1703
459.1	2	5	3	5	476.1	1	1	-	-	495.0	6	9	3	9
459.2	36	978	942	978	477.0	-	-	-	2	495.1	-	-	-	-
459.8	27	150	123	150	477.8	-	1	1	1	495.2	-	3	3	3
459.9	438	790	356	4867	477.9	2	28	26	35	495.3	-	-	-	-
460	9	31	22	33	478.0	-	2	2	2	495.4	-	-	-	-
461.0	-	1	1	1	478.1	3	14	11	14	495.5	-	-	-	-
461.1	-	1	1	1	478.2	86	231	145	231	495.6	-	-	-	-
461.2	-	-	-	-	478.3	40	192	152	192	495.7	-	-	-	-
461.3	-	-	-	-	478.4	3	9	6	9	495.8	-	1	1	1
461.8	1	1	-	1	478.5	3	5	2	5	495.9	8	13	5	13
461.9	6	11	5	11	478.6	15	73	58	73	496	55029	130463	75443	137306
462	18	55	37	55	478.7	56	221	165	231	500	832	2257	1425	2257

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, 1987

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	206	710	504	710	519.3	38	113	75	113	524.1	-	-	-	
502	162	342	180	343	519.4	12	73	61	73	524.2	-	-	-	
503	3	7	4	7	519.8	468	1756	1288	2040	524.3	-	-	-	
504	5	16	11	16	519.9	127	512	385	751	524.4	-	-	-	
505	98	285	187	299	520.0	1	4	3	4	524.5	-	-	-	
506.0	10	19	9	19	520.1	-	-	-	-	524.6	-	3	3	
506.1	3	3	-	3	520.2	-	1	1	1	524.8	-	-	-	
506.2	-	-	-	-	520.3	-	-	-	-	524.9	-	2	2	
506.3	-	-	-	-	520.4	-	-	-	-	525.0	-	-	-	
506.4	2	2	-	2	520.5	-	-	-	-	525.1	-	2	2	
506.9	1	2	1	2	520.6	-	1	1	1	525.2	-	-	-	
507.0	7298	30572	23275	30587	520.7	-	1	1	1	525.3	-	-	-	
507.1	16	23	7	23	520.8	-	-	-	-	525.8	2	6	6	
507.8	3	4	1	4	520.9	-	-	-	-	525.9	1	15	15	
508.0	16	270	254	270	521.0	1	16	15	16	526.0	-	-	-	
508.1	10	99	89	99	521.1	-	-	-	-	526.1	-	-	-	
508.8	5	30	25	30	521.2	-	-	-	-	526.2	-	1	1	
508.9	-	1	1	1	521.3	1	1	1	1	526.3	-	-	-	
510.0	70	397	327	407	521.4	-	-	-	-	526.4	8	16	16	
510.9	422	1537	1115	1595	521.5	-	-	-	-	526.5	-	-	-	
511.0	39	298	259	332	521.6	-	-	-	-	526.8	-	2	2	
511.1	-	2	2	2	521.7	-	-	-	-	526.9	-	3	3	
511.8	60	555	495	555	521.8	-	-	-	-	527.0	-	-	-	
511.9	730	9942	9212	9946	521.9	-	-	-	-	527.1	-	-	-	
512	349	2773	2424	2779	522.0	-	-	-	-	527.2	41	138	97	
513.0	631	2009	1378	2022	522.1	-	-	-	-	527.3	4	20	16	
513.1	11	44	33	44	522.2	-	-	-	-	527.4	-	1	1	
514	922	21655	20733	21663	522.3	-	-	-	-	527.5	2	5	3	
515	4385	8503	4118	8700	522.4	3	7	4	7	527.6	-	1	1	
516.0	9	13	4	13	522.5	15	28	13	28	527.7	-	2	2	
516.2	-	1	1	1	522.6	-	1	1	1	527.8	2	5	3	
516.3	171	210	39	210	522.7	-	-	-	-	527.9	2	4	2	
516.8	799	1113	315	1118	522.8	-	-	-	-	528.0	5	23	18	
516.9	-	-	-	-	522.9	-	-	-	-	528.1	-	-	-	
518.0	213	1743	1530	1743	523.0	1	2	1	2	528.2	-	2	2	
518.1	23	52	29	52	523.1	1	8	7	8	528.3	10	32	22	
518.2	-	-	-	-	523.2	-	-	-	-	528.4	-	-	-	
518.3	264	690	426	690	523.3	1	3	2	3	528.5	1	5	4	
518.4	283	6720	6437	6951	523.4	1	4	3	4	528.6	-	-	-	
518.5	1594	9858	8264	9850	523.5	-	-	-	-	528.7	-	-	-	
518.8	3470	12063	8596	15119	523.6	-	-	-	-	528.8	-	1	1	
519.0	16	34	18	34	523.8	-	1	1	1	528.9	12	48	36	
519.1	234	1490	1256	1610	523.9	1	8	7	9	529.0	-	11	11	
519.2	52	236	184	236	524.0	2	7	5	7	529.1	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

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	-	1	1	1	534.0	1	3	2	-	551.9	44	59	19	6
529.3	-	-	-	-	534.1	-	-	-	-	552.0	56	93	37	97
529.4	-	-	-	-	534.2	-	-	-	-	552.1	35	82	47	82
529.5	-	-	-	-	534.3	-	-	-	3	552.2	136	217	81	169
529.6	-	-	-	-	534.4	38	84	46	23	552.3	83	148	66	69
529.8	2	27	25	27	534.5	20	37	17	38	552.8	24	37	13	25
529.9	-	3	3	3	534.6	2	4	2	-	552.9	140	253	114	281
530.0	60	201	141	201	534.7	-	1	1	3	553.0	4	19	15	31
530.1	425	1568	1143	1568	534.9	8	41	33	105	553.1	42	178	136	194
530.2	108	344	236	344	535.0	90	234	149	258	553.2	76	284	209	379
530.3	280	1234	954	1275	535.1	33	192	159	192	553.3	324	1724	1404	1814
530.4	203	404	201	404	535.2	1	9	8	9	553.8	12	36	24	63
530.5	198	400	202	400	535.3	73	56	19	48	553.9	76	223	147	280
530.6	66	128	62	128	535.4	198	613	415	615	555.0	12	22	10	26
530.7	55	145	90	145	535.5	292	1334	1043	1348	555.1	20	62	42	66
530.8	237	1395	1158	1652	535.6	16	108	92	108	555.2	1	4	3	-
530.9	56	112	56	133	536.0	-	-	-	-	555.9	290	800	510	802
531.0	17	36	20	10	536.1	13	29	16	29	556	291	869	578	869
531.1	3	11	8	12	536.2	6	13	7	13	557.0	4866	8249	3383	8903
531.2	2	4	2	-	536.8	49	210	161	231	557.1	278	488	210	488
531.3	6	29	23	59	536.9	57	236	179	237	557.9	1525	3262	1737	3658
531.4	1038	2028	990	652	537.0	110	652	542	652	558	971	3402	2431	3512
531.5	700	1249	549	1375	537.1	-	3	3	3	560.0	29	42	13	43
531.6	84	148	64	11	537.2	-	-	-	-	560.1	278	1405	1128	1426
531.7	6	40	34	61	537.3	10	102	92	102	560.2	610	1050	440	1092
531.9	197	1520	1324	3004	537.4	37	206	169	206	560.3	149	358	209	356
532.0	30	47	18	9	537.5	1	2	1	2	560.8	348	602	254	32
532.1	4	19	16	21	537.6	2	3	1	3	560.9	2776	11347	8572	12549
532.2	1	2	1	1	537.8	82	412	331	636	562.0	29	51	22	51
532.3	6	29	23	71	537.9	155	447	292	473	562.1	2983	6390	3407	6392
532.4	981	1890	909	819	540.0	366	684	318	656	564.0	32	190	158	190
532.5	865	1550	685	1686	540.1	31	88	58	88	564.1	77	275	198	275
532.6	112	173	61	26	540.9	24	59	35	93	564.2	-	30	30	30
532.7	4	34	30	66	541	57	114	57	146	564.3	...	-	-	-
532.9	153	1151	998	2335	542	1	1	-	1	564.4	-	-	-	-
533.0	15	28	14	6	543	2	13	11	14	564.5	-	-	-	-
533.1	2	4	2	3	550.0	17	25	8	2	564.6	-	-	-	-
533.2	-	1	1	-	550.1	156	280	124	266	564.7	54	193	139	195
533.3	4	19	15	45	550.9	51	318	267	363	564.8	22	79	57	79
533.4	1285	2522	1237	611	551.0	13	14	2	2	564.9	3	24	21	24
533.5	524	974	450	1053	551.1	12	17	6	5	565.0	2	9	7	9
533.6	48	80	32	8	551.2	36	42	7	-	565.1	17	80	63	80
533.7	9	87	78	130	551.3	5	11	6	-	566	123	321	198	321
533.9	262	3118	2856	5204	551.8	15	14	-	-	567.1	-	4	4	4

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD 9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
567.2	502	2491	1989	2555	575.2	7	24	17	37	582.8	36	85	49	46
567.8	12	129	117	131	575.3	7	28	21	28	582.9	1053	3226	2178	3957
567.9	904	5778	4874	6086	575.4	82	204	122	204	583.0	2	12	10	12
568.0	115	357	242	943	575.5	8	27	19	33	583.1	20	43	25	49
568.8	69	302	233	302	575.6	-	2	2	2	583.2	12	17	7	20
568.9	8	35	27	35	575.8	21	115	94	115	583.4	11	15	4	15
569.0	2	23	21	23	575.9	399	1071	672	1107	583.6	2	16	14	18
569.1	18	81	63	82	576.0	-	-	-	-	583.7	3	17	14	-
569.2	1	20	19	20	576.1	432	1224	792	1224	583.8	67	150	84	142
569.3	94	620	526	629	576.2	273	1324	1051	1454	583.9	246	600	354	870
569.4	45	238	193	238	576.3	3	8	5	12	584.5	291	1157	873	1187
569.5	40	425	385	425	576.4	6	44	38	44	584.6	3	5	2	3
569.6	-	28	28	28	576.5	-	1	1	1	584.7	1	10	9	3
569.8	1264	4455	3193	4496	576.8	218	1604	1386	1717	584.8	-	1	1	1
569.9	464	1246	788	1623	576.9	43	81	38	101	584.9	3305	20354	17049	20527
570	416	1701	1287	1712	577.0	2251	5086	2835	5129	585	5166	20265	15101	24109
571.0	914	1286	372	23	577.1	207	977	770	977	586	11447	69741	58296	78986
571.1	794	784	199	979	577.2	91	292	201	292	587	48	159	111	209
571.2	7508	9585	2077	5060	577.8	43	387	344	387	588.0	14	34	20	34
571.3	2049	2558	735	2773	577.9	70	160	90	177	588.1	1	10	9	10
571.4	920	1584	664	1584	578.0	28	227	199	247	588.8	35	127	92	127
571.5	12496	21137	8642	25840	578.1	9	80	71	83	588.9	-	4	4	4
571.6	439	639	200	642	578.9	6003	30688	24710	36747	589.0	2	3	1	3
571.8	770	2010	1240	3274	579.0	6	39	33	39	589.1	-	-	-	-
571.9	311	644	333	724	579.1	12	46	34	46	589.9	1	3	2	3
572.0	168	420	252	421	579.2	-	328	328	328	590.0	418	1052	634	1106
572.1	-	4	4	4	579.3	-	30	30	30	590.1	346	701	355	720
572.2	502	6930	6428	7036	579.4	-	-	-	-	590.2	106	288	182	306
572.3	150	1344	1194	1344	579.8	10	38	28	38	590.3	-	1	1	1
572.4	652	6159	5507	6159	579.9	76	352	277	361	590.8	808	2033	1232	2159
572.8	2479	24350	21872	24350	580.0	-	-	-	-	590.9	64	162	98	186
573.0	20	255	235	256	580.4	-	-	-	-	591	89	644	555	644
573.3	561	1538	978	1589	580.8	4	15	11	5	592.0	316	827	511	828
573.4	24	80	56	80	580.9	85	456	371	466	592.1	22	66	44	65
573.8	168	1478	1310	1478	581.0	-	-	-	-	592.9	23	95	72	98
573.9	675	1731	1060	2573	581.1	1	7	6	1	593.0	-	-	-	-
574.0	168	295	127	21	581.2	-	3	3	-	593.1	1	4	3	4
574.1	279	624	345	22	581.3	8	13	5	5	593.2	4	15	11	15
574.2	552	2270	1718	3139	581.8	-	3	3	1	593.3	9	32	23	32
574.3	23	40	17	4	581.9	179	611	433	775	593.4	84	916	832	916
574.4	33	74	41	-	582.0	3	4	1	4	593.5	2	25	23	25
574.5	249	530	281	642	582.1	4	6	2	6	593.6	-	-	-	-
575.0	701	1397	696	1703	582.2	2	2	-	2	593.7	1	9	8	9
575.1	503	1441	938	2111	582.4	-	-	-	-	593.8	197	971	774	977

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, 1987

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	2477	13245	10790	18030	601.8	-	1	1	1	611.9	28	255	227	256
594.0	-	-	-	-	601.9	29	94	65	95	614.0	1	1	-	1
594.1	17	67	50	67	602.0	-	5	5	5	614.1	1	3	2	3
594.2	2	7	5	7	602.1	1	43	42	43	614.2	13	25	12	25
594.8	-	-	-	-	602.2	-	-	-	-	614.3	1	2	1	2
594.9	1	5	4	5	602.8	2	15	13	15	614.4	69	263	194	263
595.0	23	83	60	83	602.9	139	409	270	420	614.5	3	5	2	5
595.1	2	6	4	6	603.0	-	-	-	-	614.6	2	10	8	10
595.2	38	219	181	219	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	1	1	1	603.8	-	-	-	-	614.8	-	1	1	1
595.8	9	52	43	52	603.9	1	17	16	17	614.9	12	30	18	35
595.9	111	690	579	692	604.0	3	8	5	8	615.0	1	1	-	1
596.0	39	228	189	228	604.9	19	52	33	53	615.1	1	2	1	2
596.1	71	343	272	343	605	1	7	6	7	615.9	16	39	23	40
596.2	7	64	57	64	606	-	-	-	-	616.0	3	4	1	4
596.3	6	15	9	15	607.0	-	-	-	-	616.1	3	27	24	27
596.4	9	51	42	51	607.1	-	1	1	1	616.2	-	-	-	-
596.5	7	37	30	37	607.2	9	28	19	28	616.3	1	1	-	1
596.6	15	54	39	54	607.3	-	1	1	1	616.4	3	8	5	8
596.7	-	2	2	2	607.8	-	3	3	3	616.5	-	2	2	2
596.8	13	170	157	170	607.9	2	4	2	4	616.8	-	1	1	1
596.9	16	43	27	47	608.0	1	1	-	1	616.9	-	1	1	1
597.0	8	13	5	13	608.1	-	1	1	1	617.0	1	1	-	1
597.8	3	20	17	20	608.2	-	1	1	1	617.1	1	1	-	1
598.0	-	-	-	-	608.3	-	3	3	3	617.2	-	-	-	-
598.1	-	-	-	-	608.4	35	107	72	107	617.3	-	-	-	-
598.2	-	-	-	-	608.8	24	53	29	53	617.4	-	-	-	-
598.8	-	-	-	-	608.9	-	7	7	8	617.5	-	-	-	-
598.9	36	174	138	174	610.0	-	1	1	1	617.6	-	-	-	-
599.0	11099	31895	20796	32155	610.1	-	7	7	7	617.8	1	2	1	2
599.1	6	37	31	37	610.2	-	1	1	1	617.9	2	10	8	11
599.2	-	-	-	-	610.3	-	-	-	-	618.0	8	24	16	26
599.3	-	1	1	1	610.4	-	-	-	-	618.1	7	33	26	35
599.4	-	1	1	1	610.8	-	-	-	-	618.2	-	-	-	-
599.5	1	2	1	2	610.9	-	1	1	1	618.3	-	4	4	4
599.6	277	1387	1110	1387	611.0	9	31	22	31	618.4	1	2	1	-
599.7	44	520	476	520	611.1	1	1	-	1	618.5	-	-	-	-
599.8	6	63	57	63	611.2	-	-	-	-	618.6	-	1	1	1
599.9	38	105	67	116	611.3	-	2	2	2	618.7	-	-	-	-
600	461	2122	1661	2122	611.4	-	-	-	-	618.8	-	4	4	4
601.0	7	14	7	14	611.5	-	-	-	-	618.9	-	-	-	-
601.1	6	29	23	29	611.6	-	-	-	-	619.0	9	43	34	43
601.2	4	14	10	14	611.7	-	15	15	15	619.1	30	247	217	247
601.3	-	2	2	2	611.8	1	3	2	3	619.2	-	2	2	2

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
619.8	-	1	1	1	624.2	-	-	-	-	631	-	-	-	
619.9	3	34	31	35	624.3	-	-	-	-	632	-	1	1	
620.0	1	1	-	1	624.4	-	-	-	-	633.0	-	-	-	
620.1	2	16	14	16	624.5	-	-	-	-	633.1	12	15	3	
620.2	14	64	50	65	624.6	-	-	-	-	633.2	-	-	-	
620.3	-	-	-	-	624.8	-	-	-	-	633.8	2	2	-	
620.4	-	-	-	-	624.9	-	-	-	-	633.9	16	17	1	
620.5	-	1	1	1	625.0	-	-	-	-	634.0	2	2	-	
620.6	-	-	-	-	625.1	-	-	-	-	634.1	1	2	1	
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	
620.8	5	27	22	27	625.3	-	1	1	1	634.3	-	-	-	
620.9	6	18	12	18	625.4	-	-	-	-	634.4	-	-	-	
621.0	-	3	3	3	625.5	-	2	2	2	634.5	2	2	-	
621.1	-	-	-	-	625.6	-	2	2	2	634.6	-	-	-	
621.2	-	3	3	3	625.8	-	-	-	-	634.7	-	-	-	
621.3	-	-	-	-	625.9	-	2	2	2	634.8	-	-	-	
621.4	1	1	-	1	626.0	-	2	2	2	634.9	-	1	1	
621.5	-	2	2	2	626.1	-	-	-	-	635.0	-	-	-	
621.6	-	2	2	2	626.2	-	2	2	2	635.1	-	-	-	
621.7	-	-	-	-	626.3	-	-	-	-	635.2	-	-	-	
621.8	6	19	13	19	626.4	-	-	-	-	635.3	-	-	-	
621.9	-	105	105	105	626.5	-	-	-	-	635.4	-	-	-	
622.0	-	1	1	1	626.6	-	2	2	2	635.5	-	-	-	
622.1	-	4	4	4	626.7	-	-	-	-	635.6	1	1	-	
622.2	-	-	-	-	626.8	-	3	3	3	635.7	1	2	1	
622.3	-	-	-	-	626.9	5	28	23	28	635.8	-	-	-	
622.4	3	7	4	7	627.0	-	1	1	1	635.9	1	3	2	
622.5	1	2	1	2	627.1	2	5	3	5	636.0	-	-	-	
622.6	-	-	-	-	627.2	-	3	3	3	636.1	-	-	-	
622.7	-	-	-	-	627.3	-	1	1	1	636.2	-	-	-	
622.8	1	17	16	17	627.4	-	-	-	-	636.3	-	-	-	
622.9	-	2	2	2	627.8	-	2	2	2	636.4	-	-	-	
623.0	-	-	-	-	627.9	-	-	-	-	636.5	-	-	-	
623.1	-	-	-	-	628.0	-	1	1	1	636.6	-	-	-	
623.2	-	-	-	-	628.2	-	-	-	-	636.7	-	-	-	
623.3	-	-	-	-	628.3	-	-	-	-	636.8	-	-	-	
623.4	1	1	-	1	628.4	-	-	-	-	636.9	-	-	-	
623.5	-	1	1	1	628.8	-	-	-	-	637.0	1	1	-	
623.6	-	-	-	-	628.9	-	-	-	-	637.1	-	-	-	
623.7	-	-	-	-	629.0	-	-	-	-	637.2	-	1	1	
623.8	8	126	118	126	629.1	-	-	-	-	637.3	-	-	-	
623.9	-	3	3	3	629.8	2	10	8	10	637.4	-	-	-	
624.0	-	2	2	2	629.9	2	23	21	23	637.5	1	1	-	
624.1	-	1	1	1	630	2	2	-	2	637.6	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
637.7	1	2	1	-	646.8	-	-	-	673	37	66	29	67	
637.8	-	-	-	-	646.9	1	5	4	674	29	42	13	44	
637.9	1	2	1	4	647.0	-	-	-	675	-	-	-	-	
638.0	-	-	-	-	647.1	-	-	-	676	-	-	-	-	
638.1	-	-	-	-	647.2	-	-	-	680.0	-	-	-	-	
638.2	-	-	-	-	647.3	-	-	-	680.1	-	-	-	-	
638.3	-	-	-	-	647.4	-	-	-	680.2	1	1	-	1	
638.4	-	-	-	-	647.5	-	-	-	680.3	-	-	-	-	
638.5	-	-	-	-	647.6	1	1	-	680.4	-	-	-	-	
638.6	-	-	-	-	647.8	2	3	1	680.5	-	1	1	1	
638.7	-	-	-	-	647.9	1	1	-	680.6	-	-	-	-	
638.8	-	-	-	-	648.0	-	-	-	680.7	-	-	-	-	
638.9	-	-	-	-	648.1	-	-	-	680.8	-	1	1	1	
639.0	...	-	-	3	648.2	-	2	2	680.9	1	5	4	5	
639.1	...	-	-	16	648.3	-	-	-	681.0	3	7	4	7	
639.2	...	-	-	1	648.4	-	1	1	681.1	3	11	8	11	
639.3	...	-	-	1	648.5	-	-	-	681.9	-	-	-	-	
639.4	...	-	-	-	648.6	9	11	2	682.0	12	54	42	54	
639.5	...	-	-	5	648.7	-	-	-	682.1	11	61	50	61	
639.6	...	-	-	1	648.8	-	-	-	682.2	123	482	359	482	
639.8	...	-	-	6	648.9	2	7	5	682.3	51	164	113	164	
639.9	...	-	-	-	650	-	-	-	682.4	7	31	24	31	
640	-	-	-	-	651	-	2	2	682.5	22	71	49	71	
641	24	47	26	50	652	-	2	2	682.6	177	831	654	831	
642.0	-	1	1	3	653	-	3	3	682.7	41	216	175	216	
642.1	-	-	-	-	654	1	2	1	682.8	15	58	43	58	
642.2	1	1	-	1	655	-	-	-	682.9	207	1102	895	1114	
642.3	-	-	-	-	656	4	11	7	683	1	9	8	9	
642.4	14	23	9	24	657	-	-	-	684	3	8	5	8	
642.5	3	6	3	6	658	-	2	2	685.0	2	4	2	4	
642.6	10	12	2	13	659	-	-	-	685.1	1	7	6	7	
642.7	1	2	1	-	660	-	-	-	686.0	13	46	33	46	
642.9	6	8	2	14	661	-	1	1	686.1	8	53	45	53	
643	-	1	1	1	662	-	-	-	686.8	1	4	3	4	
644	-	-	-	-	663	-	-	-	686.9	132	641	509	661	
645	-	-	-	-	664	-	-	-	690	-	5	5	5	
646.0	-	-	-	-	665	5	8	3	691.0	-	-	-	-	
646.1	-	-	-	1	666	9	22	13	691.8	1	9	8	9	
646.2	1	1	-	1	667	-	-	-	692.0	-	-	-	-	
646.3	-	-	-	-	668	-	1	1	692.1	-	-	-	-	
646.4	-	-	-	-	669	24	100	76	692.2	-	-	-	-	
646.5	-	-	-	-	670	9	11	2	692.3	-	-	-	-	
646.6	2	2	-	2	671	9	15	6	692.4	1	1	-	1	
646.7	2	4	2	4	672	-	-	-	692.5	-	-	-	-	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
692.6	-	-	-	-	701.1	-	8	8	8	709.8	1	6	5	6
692.7	-	-	-	-	701.2	-	1	1	1	709.9	7	48	41	48
692.8	1	4	3	4	701.3	-	1	1	1	710.0	1045	1941	896	1941
692.9	11	141	130	155	701.4	-	1	1	1	710.1	771	1299	528	1299
693.0	2	10	8	10	701.5	-	-	-	-	710.2	38	121	83	121
693.1	3	9	6	9	701.8	-	3	3	3	710.3	93	210	117	210
693.8	-	-	-	-	701.9	-	3	3	3	710.4	189	477	288	477
693.9	-	-	-	-	702	1	5	4	5	710.8	13	29	16	29
694.0	-	10	10	10	703.0	-	-	-	-	710.9	112	256	144	289
694.1	-	-	-	-	703.8	-	2	2	2	711.0	118	267	149	267
694.2	-	-	-	-	703.9	-	-	-	-	711.9	3	9	6	15
694.3	-	-	-	-	704.0	-	4	4	4	712.8	-	-	-	-
694.4	50	208	158	208	704.1	-	-	-	-	712.9	-	-	-	-
694.5	50	294	244	294	704.2	-	-	-	-	714.0	1331	8323	6992	8323
694.6	2	4	2	4	704.3	-	-	-	-	714.1	22	139	117	139
694.8	-	1	1	1	704.8	-	2	2	2	714.2	5	13	8	13
694.9	4	7	3	7	704.9	-	-	-	-	714.3	5	22	17	22
695.0	-	2	2	2	705.0	-	-	-	-	714.4	-	1	1	1
695.1	111	244	133	244	705.1	-	-	-	-	714.8	89	219	130	219
695.2	1	4	3	4	705.8	3	10	7	10	714.9	3	12	9	12
695.3	-	1	1	1	705.9	-	-	-	-	715.0	14	308	294	308
695.4	70	346	276	346	706.0	1	1	-	1	715.1	-	-	-	-
695.8	25	73	48	73	706.1	1	2	1	2	715.2	-	1	1	1
695.9	1	69	68	69	706.2	1	5	4	5	715.3	52	261	209	261
696.0	2	46	44	46	706.3	-	2	2	2	715.8	-	17	17	17
696.1	14	254	240	254	706.8	-	1	1	1	715.9	369	9456	9087	9457
696.2	-	2	2	2	706.9	-	-	-	-	716.0	-	-	-	-
696.3	-	1	1	1	707.0	2483	11707	9229	13295	716.1	4	8	4	8
696.4	-	-	-	-	707.1	90	630	541	899	716.2	-	-	-	-
696.5	-	-	-	-	707.8	33	178	145	208	716.3	-	-	-	-
696.8	-	1	1	1	707.9	71	551	481	655	716.4	-	-	-	-
697.0	1	7	6	7	708.0	-	-	-	-	716.5	7	29	22	30
697.1	-	-	-	-	708.1	-	2	2	2	716.6	1	1	-	1
697.8	-	-	-	-	708.2	-	-	-	-	716.8	1	9	8	9
697.9	-	-	-	-	708.3	-	-	-	-	716.9	166	3734	3568	3937
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	1	1	1
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	-	-	-	708.8	-	-	-	-	717.2	-	-	-	-
698.3	-	13	13	13	708.9	-	4	4	4	717.3	-	-	-	-
698.4	-	1	1	1	709.0	-	3	3	3	717.4	-	-	-	-
698.8	-	-	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	-	3	3	3	709.2	2	43	41	43	717.6	-	2	2	2
700	-	6	6	6	709.3	1	3	2	3	717.7	-	-	-	-
701.0	-	7	7	7	709.4	-	-	-	-	717.8	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

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 AXIS		UC	RECORD AXIS		ENTITY AXIS		UC	RECORD AXIS		ENTITY AXIS
		TOTAL MENTION	SECOND- ARY				TOTAL MENTION	SECOND- ARY				TOTAL MENTION	SECOND- ARY	
717.9	-	2	2	2	722.9	5	31	26	33	728.3	10	33	23	33
718.0	-	-	-	-	723.0	3	51	48	51	728.4	-	2	2	2
718.1	1	1	-	1	723.1	-	6	6	6	728.5	-	-	-	-
718.2	-	5	5	5	723.2	-	-	-	-	728.6	-	1	1	1
718.3	-	9	9	9	723.3	-	-	-	-	728.7	-	-	-	-
718.4	6	143	137	143	723.4	-	6	6	6	728.8	116	371	255	371
718.5	-	32	32	32	723.5	-	8	8	8	728.9	33	176	144	180
718.6	-	-	-	-	723.6	-	-	-	-	729.0	3	17	14	17
718.8	-	12	12	12	723.7	-	-	-	-	729.1	13	85	72	85
718.9	4	31	27	31	723.8	-	3	3	3	729.2	9	76	67	92
719.0	-	2	2	2	723.9	-	2	2	2	729.3	7	33	26	33
719.1	-	6	6	6	724.0	14	297	283	297	729.4	184	411	227	411
719.2	-	-	-	-	724.1	-	1	1	1	729.5	3	24	21	24
719.3	-	-	-	-	724.2	1	31	30	31	729.6	-	-	-	-
719.4	-	12	12	12	724.3	1	8	7	8	729.8	3	26	23	26
719.5	1	9	8	9	724.4	-	11	11	11	729.9	3	5	2	5
719.6	-	-	-	-	724.5	10	101	91	101	730.0	8	24	16	25
719.7	1	1	-	1	724.6	-	8	8	8	730.1	40	159	119	159
719.8	-	2	2	2	724.7	-	-	-	-	730.2	352	1162	810	1168
719.9	15	765	750	787	724.8	1	5	4	5	730.3	-	3	3	3
720.0	31	259	228	259	724.9	3	32	29	33	730.9	5	13	8	15
720.1	-	1	1	1	725	32	562	530	562	731.0	80	789	709	812
720.2	-	1	1	1	726.0	-	-	-	-	731.2	-	5	5	5
720.8	-	-	-	-	726.1	-	1	1	1	732.0	1	2	1	2
720.9	5	28	23	30	726.2	-	-	-	-	732.1	2	6	4	6
721.0	19	78	60	81	726.3	3	11	8	11	732.2	-	-	-	-
721.1	33	100	67	98	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	-	-	-	726.5	1	2	1	2	732.4	-	-	-	-
721.3	-	20	20	20	726.6	-	2	2	2	732.5	-	-	-	-
721.4	1	7	6	7	726.7	-	-	-	-	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	-	-	-	726.9	2	13	11	13	732.8	-	-	-	-
721.7	-	1	1	1	727.0	-	3	3	4	732.9	-	2	2	2
721.8	-	-	-	-	727.1	-	9	9	9	733.0	406	5289	4883	5289
721.9	12	314	302	316	727.2	-	1	1	1	733.1	71	2283	2212	2283
722.0	2	5	3	5	727.3	1	12	11	12	733.2	2	5	3	5
722.1	8	22	15	23	727.4	-	6	6	6	733.3	3	3	-	3
722.2	9	33	24	33	727.5	1	2	1	2	733.4	10	36	26	36
722.3	-	-	-	-	727.6	-	2	2	2	733.5	-	-	-	-
722.4	-	18	18	19	727.8	-	4	4	4	733.6	-	-	-	-
722.5	3	42	39	43	727.9	-	4	4	5	733.7	-	2	2	2
722.6	3	69	66	69	728.0	2	8	6	8	733.8	11	71	60	71
722.7	1	6	5	1	728.1	2	4	2	4	733.9	46	257	213	299
722.8	-	1	1	1	728.2	16	72	56	74	734	-	1	1	1

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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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
735.0	-	1	1	1	740.0	553	569	16	569	746.4	44	93	49	93
735.1	-	1	1	1	740.1	1	1	-	1	746.5	14	21	7	21
735.2	-	-	-	-	740.2	1	2	1	2	746.6	10	19	9	19
735.3	-	-	-	-	741.0	95	150	55	61	746.7	623	673	50	673
735.4	-	1	1	1	741.9	60	162	102	280	746.8	345	617	272	623
735.5	-	-	-	-	742.0	86	129	44	130	746.9	1513	1991	478	2705
735.8	-	-	-	-	742.1	89	197	108	197	747.0	114	459	345	459
735.9	-	1	1	1	742.2	120	203	83	203	747.1	129	278	149	278
736.0	-	2	2	2	742.3	308	492	184	580	747.2	34	65	31	77
736.1	-	-	-	-	742.4	57	105	48	105	747.3	154	289	135	307
736.2	-	2	2	2	742.5	128	242	117	261	747.4	76	122	46	122
736.3	-	3	3	3	742.8	36	54	18	54	747.5	-	3	3	3
736.4	-	-	-	-	742.9	148	214	66	257	747.6	162	266	104	276
736.5	-	-	-	-	743.0	1	4	3	4	747.8	370	458	88	476
736.6	-	-	-	-	743.1	-	4	4	4	747.9	206	273	67	288
736.7	-	5	5	5	743.2	-	2	2	2	748.0	1	12	11	12
736.8	-	257	257	257	743.3	-	5	5	5	748.1	2	3	1	4
736.9	-	12	12	12	743.4	1	2	1	2	748.2	-	1	1	1
737.0	-	-	-	-	743.5	1	2	1	2	748.3	58	101	43	101
737.1	48	352	304	352	743.6	-	-	-	-	748.4	15	23	8	23
737.2	-	5	5	5	743.8	2	4	2	4	748.5	994	1679	685	1679
737.3	221	687	466	906	743.9	-	4	4	4	748.6	88	126	38	132
737.8	-	-	-	-	744.0	-	2	2	2	748.8	4	8	4	8
737.9	1	2	1	2	744.1	-	-	-	-	748.9	6	12	6	12
738.0	-	1	1	1	744.2	-	3	3	3	749.0	3	38	35	70
738.1	-	3	3	3	744.3	1	2	1	2	749.1	1	6	5	38
738.2	-	-	-	-	744.4	-	-	-	-	749.2	3	39	36	7
738.3	14	43	29	43	744.5	-	-	-	-	750.0	-	-	-	-
738.4	-	1	1	1	744.8	2	3	1	3	750.1	-	4	4	4
738.5	-	24	24	24	744.9	1	13	12	13	750.2	2	2	-	2
738.6	-	-	-	-	745.0	125	154	29	154	750.3	24	73	49	73
738.7	-	-	-	-	745.1	293	373	80	373	750.4	19	58	39	58
738.8	-	18	18	18	745.2	238	325	87	325	750.5	1	4	3	4
738.9	-	20	20	21	745.3	70	106	36	106	750.6	3	4	1	4
739.0	-	-	-	-	745.4	450	905	455	910	750.7	2	4	2	4
739.1	-	-	-	-	745.5	242	481	239	481	750.8	-	-	-	-
739.2	-	-	-	-	745.6	154	258	104	258	750.9	4	11	7	13
739.3	-	-	-	-	745.7	2	2	-	2	751.0	17	32	15	32
739.4	-	-	-	-	745.8	4	8	4	8	751.1	18	47	29	47
739.5	-	-	-	-	745.9	18	22	4	27	751.2	1	62	61	62
739.6	-	-	-	-	746.0	33	70	37	80	751.3	25	44	19	44
739.7	-	-	-	-	746.1	68	91	23	91	751.4	29	47	18	47
739.8	-	-	-	-	746.2	44	60	16	60	751.5	26	52	27	62
739.9	-	-	-	-	746.3	76	106	30	106	751.6	88	181	94	182

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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, 1987

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	3	9	6	9	756.3	8	22	14	22	760.8	40	74	34	74
751.8	3	10	7	10	756.4	14	48	34	48	760.9	4	4	-	4
751.9	4	11	7	12	756.5	83	152	69	152	761.0	190	221	31	221
752.0	-	-	-	-	756.6	353	449	96	449	761.1	447	644	197	644
752.1	-	-	-	-	756.7	52	93	41	93	761.2	28	209	181	209
752.2	1	1	-	1	756.8	18	45	27	45	761.3	38	68	30	68
752.3	-	1	1	1	756.9	10	30	20	33	761.4	-	1	1	1
752.4	1	3	2	3	757.0	2	8	6	8	761.5	636	1854	1218	1854
752.5	-	7	7	7	757.1	13	32	19	32	761.6	2	4	2	4
752.6	-	9	9	9	757.2	1	1	-	1	761.7	1	7	6	7
752.7	1	8	7	9	757.3	28	82	54	82	761.8	57	83	26	83
752.8	3	10	7	10	757.4	-	1	1	1	761.9	-	-	-	-
752.9	1	12	11	13	757.5	-	-	-	-	762.0	34	55	21	55
753.0	376	526	150	526	757.6	1	1	-	1	762.1	399	514	116	529
753.1	334	948	614	949	757.8	1	1	-	1	762.2	37	56	19	56
753.2	4	44	40	44	757.9	1	4	3	5	762.3	14	29	15	29
753.3	15	59	44	59	758.0	325	1057	733	1059	762.4	37	58	21	59
753.4	-	6	6	6	758.1	262	298	36	298	762.5	31	40	9	40
753.5	2	6	4	6	758.2	423	499	76	499	762.6	14	21	7	21
753.6	6	25	19	25	758.3	6	14	8	14	762.7	271	445	174	445
753.7	-	-	-	-	758.4	3	3	-	3	762.8	2	2	-	2
753.8	2	21	19	21	758.5	46	64	18	64	762.9	1	3	2	3
753.9	32	119	87	144	758.6	9	56	47	56	763.0	20	46	26	46
754.0	-	4	4	4	758.7	4	16	12	16	763.1	11	13	2	13
754.1	-	-	-	-	758.8	3	6	3	6	763.2	2	2	-	2
754.2	8	14	6	15	758.9	85	136	51	155	763.3	-	-	-	-
754.3	-	6	6	6	759.0	12	60	48	60	763.4	2	16	14	16
754.4	-	2	2	2	759.1	6	14	8	14	763.5	-	-	-	-
754.5	1	4	3	4	759.2	5	13	8	13	763.6	21	36	15	36
754.6	-	2	2	2	759.3	7	35	28	35	763.7	3	4	1	4
754.7	2	17	15	17	759.4	50	65	15	65	763.8	26	60	34	60
754.8	6	20	14	20	759.5	23	44	21	44	763.9	2	9	7	10
755.0	1	12	11	12	759.6	13	38	25	38	764.0	10	41	31	41
755.1	-	3	3	3	759.7	477	608	131	1250	764.1	-	3	3	3
755.2	-	13	13	13	759.8	285	485	200	487	764.2	-	1	1	1
755.3	-	4	4	4	759.9	74	132	58	266	764.9	13	74	61	75
755.4	-	4	4	4	760.0	22	38	16	38	765.0	2329	9748	7419	9780
755.5	2	19	17	19	760.1	2	5	3	5	765.1	1030	7182	6153	8724
755.6	1	25	24	25	760.2	18	27	9	27	766.0	-	2	2	2
755.8	10	38	28	38	760.3	2	6	4	6	766.1	-	4	4	4
755.9	1	9	8	9	760.4	-	1	1	1	766.2	-	20	20	20
756.0	26	61	35	66	760.5	22	36	14	36	767.0	229	624	395	624
756.1	47	163	116	163	760.6	-	-	-	-	767.1	6	7	1	7
756.2	1	1	-	1	760.7	14	55	41	55	767.2	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
767.3	-	1	1	1	773.2	10	58	48	96	778.5	3	24	21	24
767.4	-	-	-	-	773.3	4	6	2	2	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	-	-	-	773.5	-	-	-	-	778.8	-	-	-	-
767.7	3	3	-	3	774.1	-	-	-	-	778.9	-	-	-	-
767.8	11	52	41	52	774.2	-	14	14	-	779.0	6	117	111	117
767.9	10	30	20	34	774.3	-	-	-	-	779.1	-	1	1	1
768.2	2	2	-	2	774.4	3	10	7	10	779.2	2	9	7	9
768.3	1	1	-	1	774.5	-	-	-	-	779.3	-	1	1	1
768.4	167	441	274	498	774.6	2	16	14	32	779.4	-	-	-	-
768.5	110	174	64	199	774.7	1	3	2	4	779.5	3	4	1	4
768.6	-	-	-	-	775.0	6	40	34	40	779.6	65	69	4	69
768.9	523	1331	809	1738	775.1	3	6	3	6	779.8	2429	9005	6576	9005
769	3292	3857	565	3857	775.2	-	1	1	1	779.9	21	21	-	47
770.0	40	86	46	86	775.3	-	2	2	2	780.0	21	6058	6037	6900
770.1	185	384	199	384	775.4	-	3	3	3	780.1	-	8	8	8
770.2	408	1513	1105	1513	775.5	3	12	9	12	780.2	16	1481	1465	1481
770.3	105	318	213	318	775.6	2	10	8	10	780.3	653	15620	14967	15620
770.4	495	633	138	633	775.7	2	17	15	17	780.4	1	85	84	85
770.5	80	139	59	139	775.8	1	2	1	2	780.5	-	12	12	12
770.6	1	1	-	1	775.9	-	-	-	-	780.6	42	1703	1661	1703
770.7	706	1107	401	1108	776.0	3	14	11	14	780.7	4	905	901	905
770.8	1627	4700	3073	4701	776.1	-	1	1	1	780.8	-	6	6	6
770.9	3	5	2	9	776.2	44	227	183	227	780.9	1	371	370	371
771.0	2	6	4	6	776.3	2	7	5	7	781.0	1	74	73	74
771.1	24	40	16	40	776.4	-	3	3	3	781.1	-	4	4	4
771.2	25	37	12	37	776.5	3	6	3	6	781.2	-	25	25	25
771.3	-	-	-	-	776.6	4	44	40	2	781.3	1	122	121	123
771.4	9	15	6	15	776.7	2	10	8	10	781.4	-	5	5	5
771.5	1	3	2	3	776.8	-	-	-	-	781.5	-	2	2	2
771.6	-	-	-	-	776.9	-	-	-	1	781.6	-	2	2	2
771.7	23	29	7	29	777.1	2	2	-	2	781.7	-	3	3	3
771.8	789	1692	903	1692	777.2	-	-	-	-	781.9	18	356	338	356
772.0	11	25	14	25	777.3	-	-	-	-	782.0	-	10	10	10
772.1	276	873	597	873	777.4	-	-	-	-	782.1	-	25	25	25
772.2	8	42	34	42	777.5	340	440	100	440	782.2	-	1	1	1
772.3	-	-	-	-	777.6	19	82	63	82	782.3	4	1483	1479	1560
772.4	2	16	14	16	777.8	1	4	3	4	782.4	2	1358	1356	1358
772.5	1	6	5	6	777.9	-	-	-	1	782.5	-	50	50	50
772.6	6	20	14	20	778.0	176	323	147	327	782.6	-	2	2	2
772.8	9	32	23	32	778.1	-	5	5	5	782.7	4	28	24	28
772.9	21	75	54	82	778.2	-	2	2	2	782.8	-	1	1	1
773.0	11	18	7	18	778.3	6	30	24	30	782.9	-	2	2	2
773.1	-	-	-	-	778.4	-	1	1	1	783.0	6	1215	1209	1216

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, 1987

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	1	11	10	11	793.2	-	6	6	6
783.2	2	465	463	465	788.1	-	4	4	4	793.3	-	1	1	1
783.3	-	37	37	37	788.2	1	483	482	483	793.4	-	-	-	-
783.4	16	523	507	525	788.3	-	245	245	245	793.5	-	-	-	-
783.5	-	13	13	13	788.4	-	5	5	5	793.6	-	-	-	-
783.6	3	42	39	42	788.5	-	563	563	563	793.7	-	-	-	-
783.9	1	171	170	171	788.6	-	1	1	1	793.8	-	-	-	-
784.0	-	52	52	52	788.7	-	-	-	-	793.9	-	-	-	-
784.1	-	2	2	2	788.8	-	2	2	2	794.0	-	4	4	4
784.2	3	79	76	79	788.9	-	8	8	8	794.1	-	-	-	-
784.3	-	1542	1542	1542	789.0	33	1008	975	1008	794.2	-	2	2	2
784.4	-	17	17	17	789.1	2	373	371	373	794.3	-	9	9	9
784.5	-	132	132	132	789.2	-	265	265	267	794.4	-	-	-	-
784.6	-	15	15	15	789.3	3	395	392	395	794.5	-	-	-	-
784.7	1	163	162	163	789.4	-	4	4	4	794.6	-	-	-	-
784.8	1	38	37	38	789.5	10	5876	5866	5876	794.7	-	1	1	1
784.9	-	19	19	19	789.9	16	389	373	389	794.8	-	17	17	17
785.0	2	576	574	576	790.0	-	7	7	7	794.9	-	-	-	-
785.1	1	8	7	8	790.1	-	-	-	-	795.0	-	1	1	1
785.2	2	39	37	39	790.2	-	32	32	32	795.1	-	2	2	2
785.3	-	4	4	4	790.3	11	1553	1542	1603	795.2	-	-	-	-
785.4	58	6141	6083	10223	790.4	-	-	-	-	795.3	-	3	3	3
785.5	989	76880	75891	76888	790.5	-	3	3	3	795.4	-	-	-	-
785.6	1	214	213	214	790.6	5	679	674	848	795.5	-	6	6	6
785.9	-	19	19	19	790.7	14	1075	1061	1118	795.6	-	1	1	1
786.0	88	10539	10451	10540	790.8	6	103	97	103	795.7	-	-	-	-
786.1	-	14	14	14	790.9	-	9	9	9	795.8	-	319	319	319
786.2	1	42	41	42	791.0	-	20	20	20	796.0	1	1	-	1
786.3	54	3998	3944	3998	791.1	-	4	4	4	796.1	1	4	3	4
786.4	-	4	4	4	791.2	-	6	6	6	796.2	-	-	-	-
786.5	10	222	212	222	791.3	-	29	29	29	796.3	-	-	-	-
786.6	-	38	38	38	791.4	-	-	-	-	796.4	-	2	2	2
786.7	-	1	1	1	791.5	-	5	5	5	796.9	-	-	-	-
786.8	-	8	8	8	791.6	-	3	3	3	797	1193	17912	16721	18394
786.9	-	64	64	64	791.7	-	-	-	-	798.0	5230	5725	495	5725
787.0	3	911	908	918	791.9	10	3981	3971	3983	798.1	334	389	55	389
787.1	1	2	1	2	792.0	-	1	1	1	798.2	2	2	-	2
787.2	3	2303	2300	2303	792.1	-	-	-	-	798.9	84	94	10	94
787.3	-	109	109	109	792.2	-	-	-	-	799.0	54	9773	9719	9816
787.4	-	4	4	4	792.3	-	-	-	-	799.1	3355	233429	230075	233429
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	13	13	13
787.6	-	19	19	19	792.9	-	1	1	1	799.3	39	6499	6460	6709
787.7	-	1	1	1	793.0	-	1	1	1	799.4	27	9635	9608	9686
787.9	-	23	23	23	793.1	1	36	35	36	799.8	181	7378	7197	7379

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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
799.9	18633	32908	14277	32908	E807.1	-	-	-	-	E813.9	9	9	-	9
E800.0	7	7	-	7	E807.2	3	3	-	3	E814.0	3	3	-	3
E800.1	14	14	-	14	E807.3	-	-	-	-	E814.1	-	-	-	-
E800.2	2	2	-	2	E807.8	-	-	-	-	E814.2	-	-	-	-
E800.3	-	-	-	-	E807.9	7	7	-	7	E814.3	2	2	-	2
E800.8	-	-	-	-	E810.0	246	247	1	247	E814.4	-	-	-	-
E800.9	2	2	-	2	E810.1	109	109	-	109	E814.5	-	-	-	-
E801.0	1	1	-	1	E810.2	6	6	-	6	E814.6	2	2	-	2
E801.1	-	-	-	-	E810.3	-	-	-	-	E814.7	7031	7101	70	7101
E801.2	1	1	-	1	E810.4	-	-	-	-	E814.8	1	1	-	1
E801.3	5	5	-	5	E810.5	-	-	-	-	E814.9	5	5	-	5
E801.8	1	1	-	1	E810.6	-	-	-	-	E815.0	3431	3490	59	3490
E801.9	2	2	-	2	E810.7	-	-	-	-	E815.1	1398	1407	9	1407
E802.0	1	1	-	1	E810.8	5	5	-	5	E815.2	581	584	3	584
E802.1	-	-	-	-	E810.9	188	193	5	193	E815.3	48	48	-	48
E802.2	-	-	-	-	E811.0	10	11	1	11	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	3	3	-	3	E815.5	1	1	-	1
E802.8	1	1	-	1	E811.2	-	-	-	-	E815.6	-	-	-	-
E802.9	-	-	-	-	E811.3	-	-	-	-	E815.7	1	1	-	1
E803.0	-	-	-	-	E811.4	-	-	-	-	E815.8	4	4	-	4
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	956	971	16	971
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	4148	4202	54	4202
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1828	1838	10	1838
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	475	479	4	479
E803.9	-	-	-	-	E811.9	-	-	-	-	E816.3	68	68	-	68
E804.0	2	3	1	3	E812.0	8865	9006	142	9006	E816.4	-	-	-	-
E804.1	1	1	-	1	E812.1	4385	4444	60	4444	E816.5	-	-	-	-
E804.2	-	-	-	-	E812.2	1515	1522	7	1522	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	196	196	-	196	E816.7	4	4	-	4
E804.8	3	3	-	3	E812.4	-	-	-	-	E816.8	1	1	-	1
E804.9	25	25	-	25	E812.5	-	-	-	-	E816.9	1352	1382	30	1382
E805.0	19	19	-	19	E812.6	1	1	-	1	E817.0	2	2	-	2
E805.1	2	2	-	2	E812.7	19	19	-	19	E817.1	4	5	1	5
E805.2	486	489	3	489	E812.8	11	11	-	11	E817.2	-	-	-	-
E805.3	1	1	-	1	E812.9	3010	3049	39	3049	E817.3	-	-	-	-
E805.8	6	6	-	6	E813.0	5	5	-	5	E817.4	-	1	1	1
E805.9	24	24	-	24	E813.1	-	-	-	-	E817.5	-	-	-	-
E806.0	1	1	-	1	E813.2	2	2	-	2	E817.6	-	-	-	-
E806.1	2	2	-	2	E813.3	-	-	-	-	E817.7	-	-	-	-
E806.2	-	-	-	-	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	3	3	-	3	E817.9	7	11	4	11
E806.8	1	1	-	1	E813.6	918	921	3	921	E818.0	150	150	-	150
E806.9	2	2	-	2	E813.7	-	-	-	-	E818.1	338	341	3	341
E807.0	2	3	1	3	E813.8	5	5	-	5	E818.2	35	35	-	35

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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, 1987

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	15	15	-	15	E822.7	379	385	6	385	E827.4	-	-	-	
E818.4	1	1	-	1	E822.8	1	1	-	1	E827.8	-	-	-	
E818.5	-	-	-	-	E822.9	8	9	1	9	E827.9	2	2	2	
E818.6	-	-	-	-	E823.0	20	22	2	22	E828.0	-	-	-	
E818.7	6	6	-	6	E823.1	7	7	-	7	E828.1	-	-	-	
E818.8	6	6	-	6	E823.2	15	15	-	15	E828.2	109	112	3	
E818.9	500	504	4	504	E823.3	-	-	-	-	E828.3	-	-	-	
E819.0	825	853	28	853	E823.4	-	-	-	-	E828.4	-	-	-	
E819.1	610	624	14	624	E823.5	-	-	-	-	E828.8	-	-	-	
E819.2	121	122	1	122	E823.6	-	-	-	-	E828.9	3	3	-	
E819.3	25	25	-	25	E823.7	7	7	-	7	E829.0	-	-	-	
E819.4	-	-	-	-	E823.8	2	2	-	2	E829.1	-	-	-	
E819.5	-	-	-	-	E823.9	23	23	-	23	E829.2	-	-	-	
E819.6	1	1	-	1	E824.0	1	1	-	1	E829.3	-	-	-	
E819.7	1	1	-	1	E824.1	-	-	-	-	E829.4	-	-	-	
E819.8	2	2	-	2	E824.2	-	-	-	-	E829.8	-	-	-	
E819.9	3797	4030	233	4030	E824.3	-	-	-	-	E829.9	-	-	-	
E820.0	20	20	-	20	E824.4	-	-	-	-	E830.0	62	62	62	
E820.1	-	-	-	-	E824.5	-	-	-	-	E830.1	47	47	47	
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	11	11	11	
E820.3	-	-	-	-	E824.7	3	3	-	3	E830.3	3	3	3	
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	
E820.5	-	-	-	-	E824.9	3	4	1	4	E830.5	-	-	-	
E820.6	-	-	-	-	E825.0	37	38	1	38	E830.6	-	-	-	
E820.7	2	2	-	2	E825.1	37	37	-	37	E830.8	-	-	-	
E820.8	4	5	1	5	E825.2	20	20	-	20	E830.9	232	232	232	
E820.9	33	33	-	33	E825.3	-	-	-	-	E831.0	3	3	3	
E821.0	70	71	1	71	E825.4	-	-	-	-	E831.1	20	21	21	
E821.1	8	8	-	8	E825.5	-	-	-	-	E831.2	3	3	3	
E821.2	11	11	-	11	E825.6	-	-	-	-	E831.3	-	-	-	
E821.3	1	1	-	1	E825.7	26	26	-	26	E831.4	-	-	-	
E821.4	-	-	-	-	E825.8	-	-	-	-	E831.5	-	-	-	
E821.5	-	-	-	-	E825.9	108	114	6	114	E831.6	-	-	-	
E821.6	-	-	-	-	E826.0	9	9	-	9	E831.8	-	-	-	
E821.7	16	16	-	16	E826.1	92	97	5	97	E831.9	40	41	41	
E821.8	11	11	-	11	E826.2	-	-	-	-	E832.0	63	64	64	
E821.9	101	104	3	104	E826.3	-	-	-	-	E832.1	27	27	27	
E822.0	6	7	1	7	E826.4	-	-	-	-	E832.2	18	18	18	
E822.1	5	5	-	5	E826.8	-	-	-	-	E832.3	2	2	2	
E822.2	6	6	-	6	E826.9	9	9	-	9	E832.4	-	-	-	
E822.3	-	-	-	-	E827.0	1	1	-	1	E832.5	-	-	-	
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	-	-	-	
E822.5	-	-	-	-	E827.2	-	-	-	-	E832.8	4	4	4	
E822.6	2	2	-	2	E827.3	6	6	-	6	E832.9	271	273	273	

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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E833.0	-	-	-	-	E837.9	5	6	1	6	E843.4	-	-	-	-
E833.1	-	-	-	-	E838.0	3	3	-	3	E843.5	-	-	-	-
E833.2	-	-	-	-	E838.1	20	20	-	20	E843.6	1	1	-	1
E833.3	-	-	-	-	E838.2	8	9	1	9	E843.7	-	-	-	-
E833.4	-	-	-	-	E838.3	3	3	-	3	E843.8	-	-	-	-
E833.5	-	-	-	-	E838.4	9	9	-	9	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	6	6	-	6	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	1	1	-	1	E844.1	1	1	-	1
E833.9	-	-	-	-	E838.8	2	2	-	2	E844.2	1	1	-	1
E834.0	-	-	-	-	E838.9	60	61	1	61	E844.3	-	-	-	-
E834.1	-	-	-	-	E840.0	-	-	-	-	E844.4	1	1	-	1
E834.2	1	1	-	1	E840.1	2	3	1	3	E844.5	-	-	-	-
E834.3	-	1	1	1	E840.2	12	12	-	12	E844.6	-	-	-	-
E834.4	1	1	-	1	E840.3	54	54	-	54	E844.7	22	22	-	22
E834.5	-	-	-	-	E840.4	1	1	-	1	E844.8	2	2	-	2
E834.6	-	-	-	-	E840.5	13	13	-	13	E844.9	5	6	1	6
E834.8	-	-	-	-	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	3	3	-	3	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	1	1	-	1	E840.9	1	1	-	1	E845.3	-	-	-	-
E835.2	3	3	-	3	E841.0	-	-	-	-	E845.4	-	-	-	-
E835.3	-	-	-	-	E841.1	101	101	-	101	E845.5	-	-	-	-
E835.4	2	2	-	2	E841.2	108	108	-	108	E845.6	-	-	-	-
E835.5	-	-	-	-	E841.3	600	601	1	601	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	9	9	-	9	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	263	263	-	263	E845.9	-	-	-	-
E835.9	4	5	1	5	E841.6	-	-	-	-	E846	12	12	-	12
E836.0	-	-	-	-	E841.7	1	1	-	1	E847	1	1	-	1
E836.1	-	-	-	-	E841.8	1	1	-	1	E848	18	19	1	19
E836.2	4	4	-	4	E841.9	39	39	-	39	E850.0	595	663	68	663
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	81	104	23	104
E836.4	-	-	-	-	E842.1	1	1	-	1	E850.2	56	62	6	62
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	-	1	1	1
E836.6	-	-	-	-	E842.3	-	-	-	-	E850.4	5	7	2	7
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	71	76	5	76
E836.9	1	1	-	1	E842.5	-	-	-	-	E850.8	125	304	179	304
E837.0	-	-	-	-	E842.6	21	21	-	21	E850.9	4	4	-	4
E837.1	1	1	-	1	E842.7	-	-	-	-	E851	30	40	10	40
E837.2	4	4	-	4	E842.8	-	-	-	-	E852.0	7	8	1	8
E837.3	-	-	-	-	E842.9	2	2	-	2	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	1	1	-	1
E837.5	-	-	-	-	E843.1	-	-	-	-	E852.3	-	1	1	1
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	2	3	1	3
E837.8	1	1	-	1	E843.3	1	1	-	1	E852.5	7	10	3	10

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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E852.8	7	8	1	8	E861.5	1	1	-	1	E868.1	20	20	-	20
E852.9	5	5	-	5	E861.6	2	4	2	4	E868.2	402	408	6	408
E853.0	20	28	8	28	E861.9	1	1	-	1	E868.3	81	81	-	81
E853.1	1	1	-	1	E862.0	-	-	-	-	E868.8	15	16	1	16
E853.2	33	42	9	42	E862.1	13	13	-	13	E868.9	143	158	15	158
E853.8	8	10	2	10	E862.2	-	-	-	-	E869.0	2	2	-	2
E853.9	1	2	1	2	E862.3	-	-	-	-	E869.1	-	-	-	-
E854.0	122	146	24	146	E862.4	55	59	4	59	E869.2	15	17	2	17
E854.1	2	6	4	6	E862.9	2	3	1	3	E869.3	-	-	-	-
E854.2	40	57	17	57	E863.0	2	2	-	2	E869.8	125	140	15	140
E854.3	1	1	-	1	E863.1	2	5	3	5	E869.9	15	16	1	16
E855.0	17	43	26	43	E863.2	-	-	-	-	E870.0	105	121	16	121
E855.1	29	30	1	30	E863.3	-	-	-	-	E870.1	4	6	2	6
E855.2	777	921	144	921	E863.4	-	3	3	3	E870.2	5	6	1	6
E855.3	-	1	1	1	E863.5	2	4	2	4	E870.3	1	3	2	3
E855.4	9	9	-	9	E863.6	-	-	-	-	E870.4	27	33	6	33
E855.5	3	3	-	3	E863.7	2	2	-	2	E870.5	22	27	5	27
E855.6	-	-	-	-	E863.8	1	1	-	1	E870.6	30	35	5	35
E855.8	17	18	1	18	E863.9	4	4	-	4	E870.7	11	11	-	11
E855.9	-	-	-	-	E864.0	-	-	-	-	E870.8	59	76	17	76
E856	59	88	29	88	E864.1	1	1	-	1	E870.9	7	8	1	8
E857	7	8	1	8	E864.2	6	8	2	8	E871.0	3	5	2	5
E858.0	15	22	7	22	E864.3	-	-	-	-	E871.1	-	-	-	-
E858.1	29	54	25	54	E864.4	3	5	2	5	E871.2	-	-	-	-
E858.2	25	42	17	42	E865.0	-	-	-	-	E871.3	-	-	-	-
E858.3	248	691	443	691	E865.1	-	1	1	1	E871.4	-	-	-	-
E858.4	10	19	9	19	E865.2	2	2	-	2	E871.5	-	-	-	-
E858.5	92	212	120	212	E865.3	-	-	-	-	E871.6	-	-	-	-
E858.6	10	32	22	32	E865.4	3	3	-	3	E871.7	-	1	1	1
E858.7	13	18	5	18	E865.5	2	4	2	4	E871.8	-	-	-	-
E858.8	618	672	55	672	E865.8	1	1	-	1	E871.9	1	1	-	1
E858.9	705	841	136	841	E865.9	1	1	-	1	E872.0	1	1	-	1
E860.0	4	6	2	6	E866.0	7	14	7	14	E872.1	-	-	-	-
E860.1	184	431	247	431	E866.1	1	1	-	1	E872.2	-	-	-	-
E860.2	21	22	1	22	E866.2	-	-	-	-	E872.3	-	-	-	-
E860.3	19	21	2	21	E866.3	3	5	2	5	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	10	27	17	27	E872.5	-	-	-	-
E860.8	1	1	-	1	E866.5	-	-	-	-	E872.6	-	-	-	-
E860.9	118	236	118	236	E866.6	2	2	-	2	E872.8	-	-	-	-
E861.0	1	1	-	1	E866.7	1	1	-	1	E872.9	-	1	1	1
E861.1	-	-	-	-	E866.8	8	17	9	17	E873.0	1	1	-	1
E861.2	-	-	-	-	E866.9	16	22	6	22	E873.1	1	1	-	1
E861.3	2	3	1	3	E867	53	54	1	54	E873.2	3	9	6	9
E861.4	4	4	-	4	E868.0	29	30	1	30	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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	
E873.4	-	-	-	E879.9	5	81	76	E900.0	151	179	28	179
E873.5	-	-	-	E880.0	1	2	1	E900.1	20	23	3	23
E873.6	-	-	-	E880.9	1134	1248	114	E900.9	167	229	62	229
F873.8	-	-	-	E881.0	266	294	28	E901.0	326	400	74	400
E873.9	-	-	-	E881.1	88	91	3	E901.1	-	-	-	-
E874.0	-	-	-	E882	685	715	31	E901.8	9	9	-	9
E874.1	1	1	-	E883.0	46	48	2	E901.9	296	510	215	510
E874.2	2	2	-	E883.1	3	3	-	E902.0	-	1	1	1
E874.3	-	-	-	E883.2	2	2	-	E902.1	1	1	-	1
E874.4	-	1	1	E883.9	49	55	6	E902.2	5	5	-	5
E874.5	-	-	-	E884.0	5	5	-	E902.8	-	-	-	-
E874.8	4	4	-	E884.1	119	122	3	E902.9	3	8	5	8
E874.9	1	2	1	E884.2	407	654	247	E903	-	-	-	-
F875.0	5	216	211	E884.9	557	578	21	E904.0	11	15	4	15
E875.1	-	-	-	E885	400	583	183	E904.1	78	142	64	142
E875.2	-	-	-	E886.0	1	1	-	E904.2	-	-	-	-
E875.8	-	-	-	E886.9	3	4	1	E904.3	74	120	46	120
E875.9	-	-	-	E887	2780	11825	9045	E904.9	6	10	4	10
E876.0	2	3	1	E888	5187	7984	2798	E905.0	7	9	2	9
F876.1	-	-	-	E890.0	3	3	-	E905.1	4	6	2	6
F876.2	-	2	2	E890.1	1	1	-	E905.2	1	1	-	1
E876.3	3	3	-	E890.2	2962	2975	13	E905.3	53	62	9	62
E876.4	3	3	-	E890.3	807	831	24	E905.4	-	-	-	-
F876.5	-	-	-	E890.8	80	80	-	E905.5	3	4	1	4
E876.8	62	74	12	E890.9	56	63	7	E905.6	-	1	1	1
E876.9	7	9	2	E891.0	4	4	-	E905.7	-	-	-	-
E878.0	23	640	617	E891.1	-	-	-	E905.8	-	-	-	-
F878.1	238	3062	2824	E891.2	58	58	-	E905.9	-	3	3	3
E878.2	178	4980	4802	E891.3	27	29	2	E906.0	12	14	2	14
E878.3	165	840	675	E891.8	4	4	-	E906.1	1	1	-	1
F878.4	115	1736	1621	E891.9	10	10	-	E906.2	-	-	-	-
E878.5	316	1051	735	E892	71	75	4	E906.3	1	3	2	3
E878.6	176	4815	4639	E893.0	86	88	2	E906.4	5	8	3	8
F878.8	190	2456	2266	E893.1	6	6	-	E906.8	74	82	8	82
F878.9	692	6308	5616	E893.2	23	26	3	E906.9	4	5	1	5
E879.0	11	102	91	E893.8	54	55	1	E907	99	102	3	102
E879.1	15	169	154	E893.9	31	32	1	E908	91	94	3	94
E879.2	10	1389	1379	E894	55	59	4	E909	25	25	-	25
E879.3	2	5	3	E895	27	32	5	E910.0	5	5	-	5
E879.4	2	24	22	E896	1	3	2	E910.1	54	54	-	54
E879.5	2	2	-	E897	21	23	2	E910.2	922	934	12	934
E879.6	120	358	238	E898.0	33	36	3	E910.3	55	56	1	56
E879.7	1	2	1	E898.1	62	73	11	E910.4	348	392	44	392
E879.8	249	1322	1073	E899	228	327	99	E910.8	2188	2241	53	2241

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, 1987

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	788	813	25	813	E923.0	5	5	-	5	E930.8	3	16	13	16
E911	1569	4149	2580	4149	E923.1	8	8	-	8	E930.9	-	50	50	50
E912	2119	13085	10966	13085	E923.2	108	109	2	109	E931.0	4	13	9	13
E913.0	198	201	3	201	E923.8	44	47	3	47	E931.1	-	-	-	-
E913.1	41	44	3	44	E923.9	51	55	4	55	E931.2	-	-	-	-
E913.2	21	22	1	22	E924.0	110	141	31	141	E931.3	-	-	-	-
E913.3	121	122	1	122	E924.1	2	4	2	4	E931.4	1	8	7	8
E913.8	477	490	13	490	E924.8	24	30	6	30	E931.5	-	2	2	2
E913.9	151	172	21	172	E924.9	1	3	2	3	E931.6	-	-	-	-
E914	-	-	-	-	E925.0	121	122	1	122	E931.7	-	1	1	1
E915	35	62	27	62	E925.1	177	179	2	179	E931.8	-	9	9	9
E916	902	909	7	909	E925.2	64	65	1	65	E931.9	-	6	6	6
E917.0	35	35	-	35	E925.8	253	256	3	256	E932.0	-	340	340	340
E917.1	-	-	-	-	E925.9	145	154	9	154	E932.1	-	28	28	28
E917.2	3	3	-	3	E926.0	-	-	-	-	E932.2	-	5	5	5
E917.9	155	170	15	170	E926.1	-	-	-	-	E932.3	6	97	91	97
E918	122	128	6	128	E926.2	-	-	-	-	E932.4	-	1	1	1
E919.0	643	658	15	658	E926.3	-	-	-	-	E932.5	-	-	-	-
E919.1	39	41	2	41	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	192	195	3	195	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	15	15	-	15	E926.8	-	-	-	-	E932.8	-	2	2	2
E919.4	18	18	-	18	E926.9	-	-	-	-	E932.9	-	4	4	4
E919.5	-	-	-	-	E927	35	63	28	63	E933.0	1	1	-	1
E919.6	17	19	2	19	E928.0	-	-	-	-	E933.1	1	1473	1472	1473
E919.7	138	142	4	142	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	136	137	1	137	E928.2	-	-	-	-	E933.3	-	1	1	1
E919.9	55	55	-	55	E928.8	21	24	3	24	E933.4	-	-	-	-
E920.0	4	4	-	4	E928.9	2276	3931	1655	3931	E933.5	-	1	1	1
E920.1	12	13	1	13	E929.0	246	329	83	329	E933.8	-	1	1	1
E920.2	-	-	-	-	E929.1	8	13	5	13	E933.9	-	1	1	1
E920.3	6	6	-	6	E929.2	17	36	19	36	E934.0	-	-	-	-
E920.4	3	3	-	3	E929.3	188	827	641	827	E934.1	-	1	1	1
E920.8	47	50	3	50	E929.4	4	9	5	9	E934.2	-	326	326	326
E920.9	15	21	6	21	E929.5	4	12	8	12	E934.3	-	1	1	1
E921.0	8	8	-	8	E929.8	58	109	51	109	E934.4	-	20	20	20
E921.1	9	9	-	9	E929.9	217	575	358	575	E934.5	1	18	17	18
E921.8	21	22	1	22	E930.0	10	29	19	29	E934.6	-	5	5	5
E921.9	1	1	-	1	E930.1	-	3	3	3	E934.7	-	-	-	-
E922.0	206	206	-	206	E930.2	-	2	2	2	E934.8	1	1	-	1
E922.1	178	180	2	180	E930.3	-	1	1	1	E934.9	2	3	1	3
E922.2	105	105	-	105	E930.4	1	1	-	1	E935.0	1	17	16	17
E922.3	1	1	-	1	E930.5	3	4	1	4	E935.1	-	30	30	30
E922.8	1	1	-	1	E930.6	-	8	8	8	E935.2	1	5	4	5
E922.9	949	973	24	973	E930.7	1	122	121	122	E935.3	-	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, 1987

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
E935.4	1	22	21	22	E941.3	2	3	1	3	E946.6	-	-	-	
E935.5	-	-	-	-	E941.9	-	-	-	-	E946.7	-	-	-	
E935.8	2	17	15	17	E942.0	1	62	61	62	E946.8	-	-	-	
E935.9	-	8	8	8	E942.1	1	29	28	29	E946.9	-	-	-	
E936.0	-	1	1	1	E942.2	-	1	1	1	E947.0	-	-	-	
E936.1	2	35	33	35	E942.3	-	-	-	-	E947.1	-	-	-	
E936.2	-	-	-	-	E942.4	-	-	-	-	E947.2	-	1	1	
E936.3	-	10	10	10	E942.5	-	-	-	-	E947.3	1	1	1	
E936.4	-	-	-	-	E942.6	-	12	12	12	E947.4	-	-	-	
E937.0	1	1	-	1	E942.7	-	2	2	2	E947.8	20	134	114	
E937.1	-	-	-	-	E942.8	-	1	1	1	E947.9	62	326	264	
E937.2	-	-	-	-	E942.9	-	1	1	1	E948.0	-	-	-	
E937.3	-	-	-	-	E943.0	-	6	6	6	E948.1	-	-	-	
E937.4	-	-	-	-	E943.1	-	1	1	1	E948.2	-	-	-	
E937.5	-	-	-	-	E943.2	-	3	3	3	E948.3	-	-	-	
E937.6	-	-	-	-	E943.3	-	-	-	-	E948.4	-	-	-	
E937.8	-	-	-	-	E943.4	-	-	-	-	E948.5	-	-	-	
E937.9	-	5	5	5	E943.5	-	-	-	-	E948.6	-	1	1	
E938.0	-	-	-	-	E943.6	-	-	-	-	E948.8	-	-	-	
E938.1	-	5	5	5	E943.8	-	-	-	-	E948.9	-	-	-	
E938.2	-	2	2	2	E943.9	-	-	-	-	E949.0	-	-	-	
E938.3	-	1	1	1	E944.0	-	-	-	-	E949.1	-	-	-	
E938.4	1	14	13	14	E944.1	-	10	10	10	E949.2	-	-	-	
E938.5	1	6	5	6	E944.2	-	1	1	1	E949.3	-	-	-	
E938.6	1	1	-	1	E944.3	1	5	4	5	E949.4	-	-	-	
E938.7	-	7	7	7	E944.4	-	10	10	10	E949.5	-	-	-	
E938.9	3	79	76	79	E944.5	-	1	1	1	E949.6	1	2	1	
E939.0	1	8	7	8	E944.6	-	3	3	3	E949.7	-	-	-	
E939.1	2	20	18	20	E944.7	-	4	4	4	E949.9	-	-	-	
E939.2	1	2	1	2	E945.0	-	-	-	-	E950.0	349	365	16	
E939.3	1	7	6	7	E945.1	-	1	1	1	E950.1	187	190	3	
E939.4	1	3	2	3	E945.2	-	2	2	2	E950.2	56	59	3	
E939.5	-	1	1	1	E945.3	-	-	-	-	E950.3	938	961	23	
E939.6	-	-	-	-	E945.4	1	1	-	1	E950.4	672	706	34	
E939.7	-	1	1	1	E945.5	1	1	-	1	E950.5	689	718	29	
E939.8	1	3	2	3	E945.6	-	1	1	1	E950.6	28	35	7	
E939.9	1	5	4	5	E945.7	-	1	1	1	E950.7	37	38	1	
E940.0	-	-	-	-	E945.8	-	1	1	1	E950.8	11	13	2	
E940.1	-	-	-	-	E946.0	2	23	21	23	E950.9	139	285	146	
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	25	26	1	
E940.9	-	-	-	-	E946.2	-	-	-	-	E951.1	8	8	-	
E941.0	-	1	1	1	E946.3	-	2	2	2	E951.8	2	2	-	
E941.1	-	-	-	-	E946.4	1	4	3	4	E952.0	2684	2688	4	
E941.2	-	1	1	1	E946.5	-	-	-	-	E952.1	474	478	4	

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E952.8	17	17	-	17	E965.5	1	1	-	1	E983.1	8	8	-	8
E952.9	5	5	-	5	E965.6	-	-	-	-	E983.8	11	12	1	12
E953.0	3903	3924	21	3924	E965.7	-	-	-	-	E983.9	21	24	3	24
E953.1	238	245	7	245	E965.8	2	2	-	2	E984	346	354	8	354
E953.8	45	46	1	46	E965.9	5	5	-	5	E985.0	52	53	1	53
E953.9	49	49	-	49	E966	4099	4295	196	4295	E985.1	29	29	-	29
E954	454	462	8	462	E967.0	7	7	-	7	E985.2	17	17	-	17
E955.0	3295	3311	16	3311	E967.1	6	6	-	6	E985.3	-	-	-	-
E955.1	2461	2475	14	2475	E967.9	189	202	13	202	E985.4	307	317	10	317
E955.2	1114	1120	6	1120	E968.0	226	255	29	255	E985.5	8	8	-	8
E955.3	1	1	-	1	E968.1	22	24	2	24	E986	23	29	6	29
E955.4	11265	11329	64	11329	E968.2	360	377	17	377	E987.0	31	33	2	33
E955.5	5	5	-	5	E968.3	7	7	-	7	E987.1	27	27	-	27
E955.9	3	3	-	3	E968.4	18	30	12	30	E987.2	9	9	-	9
E956	433	493	60	493	E968.8	914	1064	150	1064	E987.9	18	23	5	23
E957.0	244	244	-	244	E968.9	1011	1175	164	1175	E988.0	20	20	-	20
E957.1	309	309	-	309	E969	57	70	13	70	E988.1	139	145	6	145
E957.2	21	21	-	21	E970	257	260	3	260	E988.2	1	2	1	2
E957.9	68	68	-	68	E971	-	1	1	1	E988.3	21	26	5	26
E958.0	194	195	1	195	E972	-	-	-	-	E988.4	5	5	-	5
E958.1	171	181	10	181	E973	-	1	1	1	E988.5	16	17	1	17
E958.2	2	2	-	2	E974	-	1	1	1	E988.6	-	-	-	-
E958.3	6	7	1	7	E975	4	7	3	7	E988.7	-	-	-	-
E958.4	25	26	1	26	E976	3	5	2	5	E988.8	167	202	35	202
E958.5	69	71	2	71	E977	1	2	1	2	E988.9	350	394	44	394
E958.6	1	1	-	1	E978	26	26	-	26	E989	27	42	15	42
E958.7	-	-	-	-	E980.0	367	404	37	404	E990.0	-	-	-	-
E958.8	44	48	4	48	E980.1	20	21	1	21	E990.9	-	-	-	-
E958.9	50	61	11	61	E980.2	7	7	-	7	E991.0	-	-	-	-
E959	5	10	5	10	E980.3	154	163	9	163	E991.1	-	-	-	-
E960.0	94	106	12	106	E980.4	322	347	25	347	E991.2	-	-	-	-
E960.1	5	17	12	17	E980.5	230	249	19	249	E991.3	-	-	-	-
E961	-	-	-	-	E980.6	3	5	2	5	E991.9	-	2	2	2
E962.0	22	33	11	33	E980.7	4	4	-	4	E992	-	-	-	-
E962.1	1	1	-	1	E980.8	1	1	-	1	E993	-	-	-	-
E962.2	15	18	3	18	E980.9	38	113	75	113	E994	-	-	-	-
E962.9	1	1	-	1	E981.0	1	1	-	1	E995	-	-	-	-
E963	1015	1126	111	1126	E981.1	-	-	-	-	E996	2	2	-	2
E964	78	88	10	88	E981.8	-	-	-	-	E997.0	-	-	-	-
E965.0	1041	1051	10	1051	E982.0	102	102	-	102	E997.1	-	-	-	-
E965.1	1079	1087	8	1087	E982.1	48	50	2	50	E997.2	-	-	-	-
E965.2	202	205	3	205	E982.8	14	14	-	14	E997.8	-	-	-	-
E965.3	-	-	-	-	E982.9	4	4	-	4	E997.9	-	-	-	-
E965.4	10335	10392	57	10392	E983.0	43	43	-	43	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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E999	10	35	25	35	N844	...	5	5	5	N896	...	8	8	8
N800	...	186	186	186	N845	...	7	7	7	N897	...	90	90	90
N801	...	1461	1461	1461	N846	...	5	5	5	N900	...	368	368	368
N802	...	547	547	547	N847	...	31	31	31	N901	...	2952	2952	2952
N803	...	6426	6426	6426	N848	...	10	10	10	N902	...	449	449	449
N805	...	4812	4812	4812	N850	...	369	369	369	N903	...	106	106	106
N806	...	17	17	17	N851	...	4533	4533	4533	N904	...	570	570	570
N807	...	3279	3279	3279	N852	...	5477	5477	5477	N905.0	...	31	31	31
N808	...	1561	1561	1561	N853	...	2713	2713	2713	N905.1	...	130	130	130
N809	...	23	23	23	N854	...	27467	27467	27467	N905.2	...	23	23	23
N810	...	241	241	241	N860	...	2041	2041	2041	N905.3	...	497	497	497
N811	...	28	28	28	N861	...	5192	5192	5192	N905.4	...	62	62	62
N812	...	973	973	973	N862	...	9797	9797	9797	N905.5	...	37	37	37
N813	...	143	143	143	N863	...	729	729	729	N905.6	...	12	12	12
N814	...	154	154	154	N864	...	2172	2172	2172	N905.7	...	1	1	1
N815	...	15	15	15	N865	...	1200	1200	1200	N905.8	...	3	3	3
N816	...	5	5	5	N866	...	355	355	355	N905.9	...	2	2	2
N817	...	-	-	-	N867	...	240	240	240	N906.0	...	73	73	73
N818	...	269	269	269	N868	...	3651	3651	3651	N906.1	...	3	3	3
N819	...	70	70	70	N869	...	5523	5523	5523	N906.2	...	3	3	3
N820	...	12258	12258	12258	N870	...	15	15	15	N906.3	...	8	8	8
N821	...	2236	2236	2236	N871	...	61	61	61	N906.4	...	3	3	3
N822	...	104	104	104	N872	...	55	55	55	N906.5	...	-	-	-
N823	...	408	408	408	N873	...	19186	19186	19186	N906.6	...	-	-	-
N824	...	223	223	223	N874	...	2373	2373	2373	N906.7	...	3	3	3
N825	...	39	39	39	N875	...	9755	9755	9755	N906.8	...	1	1	1
N826	...	4	4	4	N876	...	1137	1137	1137	N906.9	...	9	9	9
N827	...	481	481	481	N877	...	67	67	67	N907.0	...	789	789	789
N828	...	337	337	337	N878	...	21	21	21	N907.1	...	3	3	3
N829	...	2024	2024	2024	N879	...	13285	13285	13285	N907.2	...	257	257	257
N830	...	3	3	3	N880	...	277	277	277	N907.3	...	2	2	2
N831	...	25	25	25	N881	...	284	284	284	N907.4	...	-	-	-
N832	...	2	2	2	N882	...	137	137	137	N907.5	...	-	-	-
N833	...	7	7	7	N883	...	15	15	15	N907.9	...	16	16	16
N834	...	-	-	-	N884	...	663	663	663	N908.0	...	16	16	16
N835	...	67	67	67	N885	...	1	1	1	N908.1	...	18	18	18
N836	...	4	4	4	N886	...	18	18	18	N908.2	...	5	5	5
N837	...	4	4	4	N887	...	42	42	42	N908.3	...	8	8	8
N838	...	1	1	1	N890	...	187	187	187	N908.4	...	3	3	3
N839	...	392	392	392	N891	...	254	254	254	N908.5	...	15	15	15
N840	...	2	2	2	N892	...	13	13	13	N908.6	...	33	33	33
N841	...	-	-	-	N893	...	-	-	-	N908.9	...	171	171	171
N842	...	-	-	-	N894	...	38	38	38	N909.0	...	25	25	25
N843	...	3	3	3	N895	...	1	1	1	N909.1	...	20	20	20

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

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	...	10	10	10	N941.3	...	25	25	25	N950	...	5	5	5
N909.3	...	695	695	695	N941.4	...	-	-	-	N951	...	2	2	2
N909.4	...	39	39	39	N942.0	...	374	374	374	N952	...	1964	1964	1964
N909.9	...	9	9	9	N942.1	...	6	6	6	N953	...	7	7	7
N910	...	80	80	80	N942.2	...	17	17	17	N954	...	12	12	12
N911	...	61	61	61	N942.3	...	71	71	71	N955	...	1	1	1
N912	...	4	4	4	N942.4	...	10	10	10	N956	...	-	-	-
N913	...	16	16	16	N943.0	...	35	35	35	N957	...	52	52	52
N914	...	7	7	7	N943.1	...	2	2	2	N958.0	...	40	40	40
N915	...	1	1	1	N943.2	...	3	3	3	N958.1	...	147	147	147
N916	...	21	21	21	N943.3	...	29	29	29	N958.2	...	-	-	-
N917	...	-	-	-	N943.4	...	-	-	-	N958.3	...	26	26	26
N918	...	5	5	5	N944.0	...	10	10	10	N958.4	...	2534	2534	2534
N919	...	214	214	214	N944.1	...	1	1	1	N958.5	...	7	7	7
N920	...	277	277	277	N944.2	...	-	-	-	N958.6	...	1	1	1
N921	...	26	26	26	N944.3	...	5	5	5	N958.7	...	109	109	109
N922	...	212	212	212	N944.4	...	-	-	-	N958.8	...	3554	3554	3554
N923	...	38	38	38	N945.0	...	63	63	63	N959.0	...	2803	2803	2803
N924	...	515	515	515	N945.1	...	2	2	2	N959.1	...	2817	2817	2817
N925	...	89	89	89	N945.2	...	10	10	10	N959.2	...	122	122	122
N926	...	60	60	60	N945.3	...	32	32	32	N959.3	...	72	72	72
N927	...	18	18	18	N945.4	...	-	-	-	N959.4	...	11	11	11
N928	...	46	46	46	N947.0	...	6	6	6	N959.5	...	3	3	3
N929	...	546	546	546	N947.1	...	35	35	35	N959.6	...	120	120	120
N930	...	1	1	1	N947.2	...	7	7	7	N959.7	...	325	325	325
N931	...	-	-	-	N947.3	...	6	6	6	N959.8	...	16600	16600	16600
N932	...	4	4	4	N947.4	...	-	-	-	N959.9	...	8412	8412	8412
N933	...	13419	13419	13419	N947.8	...	5	5	5	N960.0	...	3	3	3
N934	...	751	751	751	N947.9	...	10	10	10	N960.1	...	4	4	4
N935	...	44	44	44	N948.0	...	12	12	12	N960.2	...	-	-	-
N936	...	19	19	19	N948.1	...	39	39	39	N960.3	...	-	-	-
N937	...	3	3	3	N948.2	...	67	67	67	N960.4	...	1	1	1
N938	...	22	22	22	N948.3	...	81	81	81	N960.5	...	1	1	1
N939	...	4	4	4	N948.4	...	87	87	87	N960.6	...	7	7	7
N940.0	...	-	-	-	N948.5	...	102	102	102	N960.7	...	62	62	62
N940.1	...	-	-	-	N948.6	...	69	69	69	N960.8	...	12	12	12
N940.2	...	-	-	-	N948.7	...	100	100	100	N960.9	...	9	9	9
N940.3	...	-	-	-	N948.8	...	102	102	102	N961.0	...	-	-	-
N940.4	...	-	-	-	N948.9	...	801	801	801	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	2188	2188	2188	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	2	2	2	N961.3	...	-	-	-
N941.0	...	39	39	39	N949.2	...	46	46	46	N961.4	...	13	13	13
N941.1	...	-	-	-	N949.3	...	195	195	195	N961.5	...	1	1	1
N941.2	...	4	4	4	N949.4	...	47	47	47	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, 1987

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			
	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS			RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS	
N961.7	...	-	-	-	N967.0	...	430	430	430	N972.7	...	-	-	-
N961.8	...	9	9	9	N967.1	...	16	16	16	N972.8	...	3	3	3
N961.9	...	2	2	2	N967.2	...	-	-	-	N972.9	...	5	5	5
N962.0	...	2	2	2	N967.3	...	1	1	1	N973.0	...	18	18	18
N962.1	...	1	1	1	N967.4	...	5	5	5	N973.1	...	-	-	-
N962.2	...	-	-	-	N967.5	...	31	31	31	N973.2	...	-	-	-
N962.3	...	65	65	65	N967.6	...	7	7	7	N973.3	...	3	3	3
N962.4	...	-	-	-	N967.8	...	55	55	55	N973.4	...	-	-	-
N962.5	...	1	1	1	N967.9	...	38	38	38	N973.5	...	-	-	-
N962.6	...	-	-	-	N968.0	...	30	30	30	N973.6	...	-	-	-
N962.7	...	3	3	3	N968.1	...	4	4	4	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	30	30	30	N973.9	...	-	-	-
N962.9	...	-	-	-	N968.3	...	16	16	16	N974.0	...	-	-	-
N963.0	...	100	100	100	N968.4	...	5	5	5	N974.1	...	247	247	247
N963.1	...	48	48	48	N968.5	...	1525	1525	1525	N974.2	...	-	-	-
N963.2	...	1	1	1	N968.6	...	1	1	1	N974.3	...	7	7	7
N963.3	...	1	1	1	N968.7	...	1	1	1	N974.4	...	2	2	2
N963.4	...	-	-	-	N968.9	...	94	94	94	N974.5	...	1	1	1
N963.5	...	2	2	2	N969.0	...	1384	1384	1384	N974.6	...	14	14	14
N963.8	...	-	-	-	N969.1	...	151	151	151	N974.7	...	9	9	9
N963.9	...	1	1	1	N969.2	...	24	24	24	N975.0	...	-	-	-
N964.0	...	4	4	4	N969.3	...	10	10	10	N975.1	...	2	2	2
N964.1	...	2	2	2	N969.4	...	474	474	474	N975.2	...	13	13	13
N964.2	...	42	42	42	N969.5	...	95	95	95	N975.3	...	-	-	-
N964.3	...	1	1	1	N969.6	...	26	26	26	N975.4	...	5	5	5
N964.4	...	-	-	-	N969.7	...	136	136	136	N975.5	...	3	3	3
N964.5	...	1	1	1	N969.8	...	6	6	6	N975.6	...	6	6	6
N964.6	...	-	-	-	N969.9	...	7	7	7	N975.7	...	16	16	16
N964.7	...	-	-	-	N970.0	...	-	-	-	N975.8	...	11	11	11
N964.8	...	1	1	1	N970.1	...	-	-	-	N976.0	...	16	16	16
N964.9	...	-	-	-	N970.8	...	1	1	1	N976.1	...	2	2	2
N965.0	...	1565	1565	1565	N970.9	...	-	-	-	N976.2	...	5	5	5
N965.1	...	297	297	297	N971.0	...	-	-	-	N976.3	...	5	5	5
N965.4	...	243	243	243	N971.1	...	27	27	27	N976.4	...	3	3	3
N965.5	...	1	1	1	N971.2	...	8	8	8	N976.5	...	1	1	1
N965.6	...	17	17	17	N971.3	...	3	3	3	N976.6	...	2	2	2
N965.7	...	435	435	435	N971.9	...	-	-	-	N976.7	...	-	-	-
N965.8	...	579	579	579	N972.0	...	137	137	137	N976.8	...	-	-	-
N965.9	...	4	4	4	N972.1	...	681	681	681	N976.9	...	1	1	1
N966.0	...	-	-	-	N972.2	...	1	1	1	N977.0	...	11	11	11
N966.1	...	57	57	57	N972.3	...	-	-	-	N977.1	...	-	-	-
N966.2	...	-	-	-	N972.4	...	3	3	3	N977.2	...	-	-	-
N966.3	...	23	23	23	N972.5	...	-	-	-	N977.3	...	1	1	1
N966.4	...	8	8	8	N972.6	...	8	8	8	N977.4	...	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1987

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	...	179	179	179	N985.3	...	1	1	1	N992.2	...	1	1	1
N977.9	...	3938	3938	3938	N985.4	...	-	-	-	N992.3	...	-	-	-
N978.0	...	-	-	-	N985.5	...	3	3	3	N992.4	...	1	1	1
N978.1	...	-	-	-	N985.6	...	1	1	1	N992.5	...	77	77	77
N978.2	...	-	-	-	N985.8	...	37	37	37	N992.6	...	1	1	1
N978.3	...	-	-	-	N985.9	...	-	-	-	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	5660	5660	5660	N992.8	...	19	19	19
N978.5	...	-	-	-	N987.0	...	29	29	29	N992.9	...	125	125	125
N978.6	...	-	-	-	N987.1	...	53	53	53	N993.0	...	-	-	-
N978.8	...	-	-	-	N987.2	...	2	2	2	N993.1	...	1	1	1
N978.9	...	-	-	-	N987.3	...	1	1	1	N993.2	...	9	9	9
N979.0	...	-	-	-	N987.4	...	22	22	22	N993.3	...	4	4	4
N979.1	...	1	1	1	N987.5	...	-	-	-	N993.4	...	1	1	1
N979.2	...	-	-	-	N987.6	...	4	4	4	N993.8	...	1	1	1
N979.3	...	1	1	1	N987.7	...	5	5	5	N993.9	...	-	-	-
N979.4	...	-	-	-	N987.8	...	3358	3358	3358	N994.0	...	53	53	53
N979.5	...	-	-	-	N987.9	...	491	491	491	N994.1	...	6919	6919	6919
N979.6	...	-	-	-	N988.0	...	3	3	3	N994.2	...	154	154	154
N979.7	...	-	-	-	N988.1	...	4	4	4	N994.3	...	6	6	6
N979.9	...	8	8	8	N988.2	...	2	2	2	N994.4	...	-	-	-
N980.0	...	624	624	624	N988.8	...	-	-	-	N994.5	...	58	58	58
N980.1	...	38	38	38	N988.9	...	2	2	2	N994.6	...	3	3	3
N980.2	...	36	36	36	N989.0	...	70	70	70	N994.7	...	7064	7064	7064
N980.3	...	-	-	-	N989.1	...	9	9	9	N994.8	...	870	870	870
N980.8	...	-	-	-	N989.2	...	7	7	7	N994.9	...	302	302	302
N980.9	...	393	393	393	N989.3	...	16	16	16	N995.0	...	121	121	121
N981	...	14	14	14	N989.4	...	42	42	42	N995.1	...	35	35	35
N982.0	...	13	13	13	N989.5	...	77	77	77	N995.2	...	269	269	269
N982.1	...	-	-	-	N989.6	...	1	1	1	N995.3	...	63	63	63
N982.2	...	-	-	-	N989.7	...	-	-	-	N995.4	...	-	-	-
N982.3	...	27	27	27	N989.8	...	49	49	49	N995.5	...	129	129	129
N982.4	...	-	-	-	N989.9	...	159	159	159	N995.8	...	21	21	21
N982.8	...	50	50	50	N990	...	58	58	58	N996.0	...	349	349	349
N983.0	...	4	4	4	N991.0	...	-	-	-	N996.1	...	45	45	45
N983.1	...	12	12	12	N991.1	...	2	2	2	N996.2	...	30	30	30
N983.2	...	31	31	31	N991.2	...	2	2	2	N996.3	...	6	6	6
N983.9	...	27	27	27	N991.3	...	9	9	9	N996.4	...	25	25	25
N984.0	...	1	1	1	N991.4	...	-	-	-	N996.5	...	148	148	148
N984.1	...	1	1	1	N991.5	...	1	1	1	N996.6	...	1517	1517	1517
N984.8	...	-	-	-	N991.6	...	989	989	989	N996.7	...	5995	5995	5995
N984.9	...	13	13	13	N991.8	...	7	7	7	N996.8	...	483	483	483
N985.0	...	1	1	1	N991.9	...	352	352	352	N996.9	...	1	1	1
N985.1	...	13	13	13	N992.0	...	278	278	278	N997.0	...	752	752	752
N985.2	...	-	-	-	N992.1	...	2	2	2	N997.1	...	4585	4585	4585

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, 1987

ICD 9 CODE	RECORD COUNT BY CODE FIELD			ICD 9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD		
	UC TOTAL MENTION	RECORD AXIS SECOND ARY	ENTITY AXIS		UC TOTAL MENTION	RECORD AXIS SECOND- ARY	ENTITY AXIS		UC TOTAL MENTION	RECORD AXIS SECOND ARY	ENTITY AXIS
N997 2	...	574	574	574							
N997 3	...	4819	4819	4819							
N997 4	...	1207	1207	1207							
N997 5	...	817	817	817							
N997 6	...	206	206	206							
N997 9	...	315	315	315							
N998 0	...	574	574	574							
N998 1	...	1056	1056	1056							
N998 2	...	337	337	337							
N998 3	...	308	308	308							
N998 4	...	8	8	8							
N998 5	...	2375	2375	2375							
N998 6	...	136	136	136							
N998 7	...	18	18	18							
N998 8	...	593	593	593							
N998 9	...	373	373	373							
N999 0	...	3	3	3							
N999 1	...	8	8	8							
N999 2	...										
N999 3	...	25	25	25							
N999 4	...	2	2	2							
N999 5	...	4	4	4							
N999 6	...	1	1	1							
N999 7	...										
N999 8	...	312	312	312							
N999 9	...	325	325	325							

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, 1987

(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.....	34	1	3	3	1	3	2	2	9	5	1	4	-
007-009.....	537	126	19	4	7	25	20	12	37	70	108	109	-
010-018.....	3,996	2	11	3	40	213	355	342	638	931	964	493	4
010-012.....	3,213	-	5	1	26	153	256	264	535	764	786	420	3
013-018.....	817	2	6	2	16	63	102	81	115	173	182	74	1
033.....	5	1	1	-	-	1	-	-	-	1	1	-	-
034-035.....	24	1	2	-	-	2	1	-	4	4	2	8	-
036.....	286	70	76	21	21	18	17	16	18	15	10	4	-
038.....	98,437	726	311	299	623	1,678	2,943	4,779	11,896	22,721	29,763	22,683	15
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	7	-	-	1	3	1	-	-	2	-	-	-	-
070.....	1,830	5	3	10	78	194	263	216	338	381	274	67	1
090-097.....	298	17	-	-	2	12	16	10	25	63	105	48	-
RIM, 001 139 1/.....	27,153	422	259	243	827	6,212	6,317	3,002	2,739	3,056	2,602	1,470	4
140-208.....	542,642	117	596	1,218	2,082	5,732	15,663	40,135	105,650	166,496	143,338	61,578	37
140-149.....	9,743	-	-	2	25	69	306	1,047	2,540	3,013	1,935	805	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, 1987

(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.....	133,719	6	30	27	126	701	2,634	7,861	23,074	40,208	39,645	19,397	10
160-165.....	148,715	4	5	5	44	356	2,738	12,611	37,820	54,412	33,188	7,523	9
174-175.....	49,368	-	-	-	18	682	3,153	5,721	10,380	12,640	10,740	6,031	3
179-187.....	65,816	1	2	8	129	690	1,349	2,870	8,062	18,752	22,598	11,351	4
188-189.....	24,498	3	22	36	25	82	368	1,271	3,812	7,100	7,834	3,944	1
170-173, 190-199	191,920	61	323	559	917	2,489	6,341	15,637	39,833	58,776	47,923	19,049	12
204-208.....	21,923	32	212	522	570	696	910	1,233	2,954	5,389	6,177	3,226	2
200-203.....	32,319	13	23	98	384	828	1,223	2,170	5,385	9,695	9,090	3,406	4
210-239.....	12,400	90	60	108	151	263	357	593	1,446	3,029	3,959	2,344	-
250.....	153,269	3	13	37	209	1,117	2,738	7,231	22,647	45,735	48,829	24,699	11
260-269.....	27,034	77	32	25	64	249	477	931	2,666	5,485	8,574	8,452	2
280-285.....	35,600	60	110	159	241	703	907	1,303	3,057	6,560	11,127	11,370	3
320-322.....	2,820	331	183	66	60	178	225	258	418	533	402	166	-
390-448.....	1,377,422	4,287	2,038	2,072	4,988	12,277	27,199	59,568	160,516	320,317	430,254	353,739	167
390-398, 402, 404-429.....	1,207,786	4,006	1,914	1,867	4,451	10,935	24,324	54,078	145,915	286,040	372,793	301,312	151
390-398.....	11,040	11	17	12	58	199	327	651	1,756	3,294	3,286	1,429	-

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, 1987

(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.....	37,703	2	3	1	24	169	883	2,262	5,491	9,488	11,507	7,869	4
404.....	3,633	2	-	-	3	24	72	127	364	765	1,243	1,033	-
410-414.....	613,420	69	26	33	201	1,535	8,101	24,334	71,981	149,489	199,010	158,571	70
410.....	279,776	51	16	19	122	874	4,700	14,566	40,337	77,645	90,131	51,286	29
411.....	8,590	2	1	2	10	70	279	662	1,417	2,053	2,375	1,715	4
413.....	6,233	-	-	-	-	5	55	189	666	1,520	2,221	1,577	-
412, 414....	442,461	19	12	14	97	922	5,004	14,940	46,620	101,947	144,721	128,117	48
424.....	23,827	31	28	27	73	254	412	711	1,945	5,089	8,538	6,717	2
415-423, 425-429.....	931,630	3,946	1,883	1,839	4,296	9,792	19,070	39,935	109,295	215,829	286,608	239,026	111
401, 403.....	96,062	22	5	19	60	386	1,564	4,617	13,081	26,224	30,787	19,291	6
430-438.....	259,401	352	167	246	567	1,537	3,512	7,042	19,736	50,348	92,290	83,583	21
431-432.....	29,214	173	62	125	232	627	1,496	2,543	4,595	7,059	8,176	4,123	3
434.0, 434.9..	35,044	70	47	48	96	192	354	792	2,566	6,770	12,546	11,560	3
434.1.....	2,396	1	-	-	8	23	36	97	211	583	880	557	-
430, 433, 435-438.....	203,166	119	63	83	265	810	1,879	4,025	13,245	37,668	74,201	70,792	16

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, 1987

(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 & DV	
440.....	102,340	3	-	1	15	89	428	1,539	6,350	18,097	34,163	41,649	6
441-448.....	42,968	44	14	32	117	282	560	1,247	4,640	12,136	14,474	9,415	7
466.....	1,891	94	32	13	8	22	44	52	153	353	569	551	-
480-487.....	186,512	1,189	484	347	804	2,232	3,530	5,571	15,225	34,988	59,943	62,179	20
480-486.....	185,562	1,179	476	346	798	2,220	3,505	5,545	15,148	34,869	59,691	61,765	20
487.....	950	10	8	1	6	12	25	26	77	119	252	414	-
490-496.....	180,380	97	88	161	319	425	1,164	4,843	24,031	58,928	63,892	26,410	22
490-491.....	8,316	57	43	25	42	47	93	267	951	2,114	2,685	1,992	-
492.....	31,571	18	2	2	11	40	180	946	4,687	11,061	11,009	3,609	6
493.....	9,370	14	30	119	221	261	471	748	1,527	2,481	2,335	1,162	1
494-496.....	132,184	9	15	18	53	88	441	2,936	17,026	43,612	48,192	19,779	15
531-533.....	16,623	23	9	14	29	103	285	653	1,827	4,019	5,555	4,105	1
540-543.....	929	2	2	19	13	15	29	55	97	238	260	199	-
550-553, 560.....	18,789	239	53	37	57	164	320	683	1,850	3,886	6,029	5,468	3
571.....	39,521	46	21	26	117	1,615	4,528	6,310	10,403	10,056	5,247	1,138	14
574-575.....	7,816	15	2	2	10	47	82	222	689	1,689	2,681	2,377	-

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, 1987

(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.....	113,043	1,015	138	142	419	1,583	2,825	4,782	12,750	27,322	36,124	25,931	12
580-581.....	1,106	17	11	6	11	28	32	42	141	254	342	222	-
582-583, 587.....	4,339	15	9	11	35	68	120	167	409	898	1,432	1,175	-
584-586, 588-589	109,007	988	122	132	386	1,511	2,722	4,618	12,340	26,463	34,819	24,894	12
590.....	4,081	15	5	-	15	38	99	140	337	747	1,359	1,325	1
600.....	2,122	-	-	-	-	-	-	6	68	396	858	794	-
630-676.....	302	...	...	1	92	157	51	1	...	...	...	...	-
630-638.....	54	...	...	-	14	35	5	-	...	...	...	...	-
640-676.....	252	...	...	1	79	125	46	1	...	...	...	...	-
740-759.....	16,761	9,142	1,157	588	685	679	635	636	926	1,008	909	395	1
760-779.....	24,172	23,869	214	34	17	8	8	4	3	9	1	3	2
767-769.....	6,221	6,146	36	13	11	5	4	-	1	5	-	-	-
760-766, 770-779	23,666	23,418	195	22	6	4	4	4	2	5	1	3	2
780-799.....	439,440	9,642	1,771	1,621	4,356	9,254	13,151	21,565	54,990	102,846	124,951	95,162	131
RESIDUAL.....	560,695	4,061	2,005	2,004	5,248	12,288	19,676	29,127	64,908	118,789	163,951	138,568	70
E800-E949.....	154,638	1,547	3,257	4,551	19,323	17,909	12,844	9,943	14,800	22,489	26,844	20,998	133

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, 1987

(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.....	49,112	204	990	2,405	14,490	10,519	5,996	3,667	3,579	3,455	2,915	843	49
E800-E807, E826-E949.....	105,879	1,344	2,268	2,151	4,926	7,482	6,890	6,300	11,247	19,071	23,952	20,164	84
E950-E959.....	30,969	...	...	251	4,941	6,686	5,162	3,715	3,676	3,463	2,424	638	13
E960-E978.....	21,266	284	338	411	5,367	6,564	3,742	1,817	1,230	786	469	157	101
E980-E999.....	3,249	67	76	63	426	922	682	280	269	213	132	88	31
N800-N999.....	199,610	1,825	3,596	5,185	29,616	31,468	21,832	15,078	18,611	24,637	27,274	20,219	269
N800-N848.....	33,442	107	331	647	3,854	3,315	1,936	1,436	1,895	3,361	7,186	9,349	25
N850-N854.....	35,989	379	863	1,600	8,654	7,003	4,207	2,724	2,827	2,973	3,073	1,640	46
N860-N869.....	23,119	70	306	712	5,591	5,153	3,222	2,099	2,054	1,873	1,501	500	38
N870-N897.....	37,547	28	118	673	8,266	9,713	6,149	3,690	3,385	2,974	1,989	505	57
N900-N904.....	4,295	7	22	68	1,052	1,053	629	373	384	344	269	91	3
N905-N909.....	2,741	9	23	40	69	173	239	191	291	456	597	653	-
N910-N929.....	1,883	20	51	60	291	336	253	168	183	174	190	155	2
N930-N939.....	14,193	281	205	168	356	520	665	767	1,459	2,606	3,863	3,300	3
N940-N949.....	4,233	83	347	199	483	583	489	346	433	504	506	249	11
N950-N957.....	2,038	10	28	76	399	388	238	160	201	213	235	89	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, 1987

(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.....	33,195	162	498	1,038	7,410	6,607	4,227	2,760	2,829	2,792	2,977	1,838	57
N960-N995.....	36,181	620	1,582	1,452	5,243	7,958	5,951	3,364	3,189	3,024	2,473	1,222	103
N996-N999.....	26,657	429	230	174	250	529	865	1,589	4,093	7,869	7,133	3,496	-
*042-*044 2/.....	15,039	99	110	56	546	5,531	5,377	2,057	871	282	92	15	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 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE OF DEATH AND AGE: UNITED STATES, 1987

(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.....	2,123,323	38,408	7,473	8,743	38,023	57,701	73,463	115,920	273,324	486,103	584,335	439,248	582
001, 006.....	22	1	3	3	-	2	1	1	5	3	-	3	-
007-009.....	307	93	14	3	4	10	11	6	17	43	53	53	-
010-018.....	1,755	1	6	2	23	101	162	176	284	389	413	195	3
010-012.....	1,398	-	2	1	16	72	107	137	234	320	340	167	2
013-018.....	357	1	4	1	7	29	55	39	50	69	73	28	1
033.....	1	-	1	-	-	-	-	-	-	-	-	-	-
034-035.....	10	1	1	-	-	-	1	-	2	1	-	4	-
036.....	258	66	72	21	20	17	13	12	16	11	7	3	-
038.....	19,916	254	90	50	106	293	496	754	2,002	4,270	6,184	5,414	3
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	-	1	-	-	-	-	1	-	-	-	-
070.....	1,182	2	3	5	62	125	155	130	209	267	185	39	-
090-097.....	98	14	-	-	2	3	7	3	12	20	29	8	-
REM. 001 - 139 1/.....	19,560	315	211	151	662	5,526	5,430	2,358	1,672	1,503	1,120	609	3
140-208.....	476,927	101	548	1,138	1,939	5,371	14,934	38,240	98,424	149,046	120,765	46,388	33

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, 1987

(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.....	7,968			1	22	64	275	938	2,175	2,449	1,457	587	-
150-159.....	117,436	4	25	25	122	674	2,523	7,446	21,548	36,139	33,760	15,160	10
160-165.....	134,983	4	5	4	41	331	2,633	12,018	35,308	49,131	29,143	6,358	7
174-175.....	41,211				16	674	3,065	5,453	9,484	10,753	8,097	3,666	3
179-187.....	51,829		1	7	119	658	1,280	2,680	7,220	15,595	16,842	7,424	3
188-189.....	19,401	2	18	34	23	75	357	1,199	3,360	5,765	5,869	2,699	-
170-173, 190-199	60,500	52	289	514	739	1,547	2,937	5,472	12,355	17,014	13,833	5,744	4
204-208.....	17,284	30	192	473	516	631	825	1,124	2,458	4,326	4,545	2,162	2
200-203.....	26,315	9	18	80	341	717	1,039	1,910	4,516	7,874	7,219	2,588	4
210-239.....	6,570	59	55	81	106	183	246	368	841	1,646	1,929	1,056	-
250.....	38,532		10	31	119	618	1,203	2,258	5,914	10,789	11,470	6,118	2
260-269.....	2,889	25	8	6	9	21	25	39	108	346	894	1,408	-
280-285.....	3,813	19	46	62	103	199	151	132	266	597	1,077	1,161	-
320-322.....	1,161	214	139	37	21	74	83	91	127	160	132	83	-
390-448.....	963,611	1,094	383	416	1,394	4,862	15,176	38,608	105,935	217,512	307,438	270,663	130
390-398, 402, 404-429.....	760,353	950	322	324	1,062	3,652	12,222	32,708	90,017	178,072	238,101	202,816	107

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, 1987

(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.....	6,389	5	8	8	41	155	223	437	1,024	1,874	1,863	751	-
402.....	20,678	1	-	1	14	111	543	1,374	3,133	5,021	5,952	4,526	2
404.....	2,521	-	-	1	2	18	53	75	220	498	870	784	-
410-414.....	512,138	26	11	15	100	1,212	7,124	21,406	61,349	123,611	164,063	133,134	57
410.....	253,542	16	7	9	73	702	4,208	13,172	36,367	69,686	81,914	47,363	25
411.....	3,532	1	-	-	2	27	104	302	628	863	948	654	3
413.....	1,032	-	-	-	-	1	13	25	111	234	360	288	-
412, 414....	254,032	9	4	6	55	482	2,799	7,907	24,243	52,828	80,841	84,829	29
424.....	10,952	17	15	11	39	124	229	366	934	2,223	3,882	3,111	1
415-423, 425-429.....	207,675	901	288	288	836	2,032	4,050	9,050	23,357	44,845	61,471	60,510	47
401, 403.....	8,139	2	1	1	15	47	156	339	865	1,925	2,569	2,218	1
430-438.....	149,835	127	54	73	244	967	2,410	4,672	11,488	27,767	52,330	49,687	16
431-432.....	20,673	51	21	33	80	309	923	1,725	3,136	5,056	6,160	3,177	2
434 0, 434 9..	22,405	17	5	7	22	57	122	397	1,478	4,048	8,083	8,166	3
434 1.....	739	-	-	-	2	7	8	32	57	164	281	188	-

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, 1987

(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.....	106,018	59	28	33	140	594	1,357	2,518	6,817	18,499	37,806	38,156	11
440.....	22,474	1			2	11	42	174	870	2,875	6,844	11,653	2
441-448.....	22,810	14	6	18	71	185	346	715	2,695	6,873	7,594	4,289	4
466.....	548	63	20	10	3	7	15	17	40	75	139	159	-
480 487.....	69,225	674	199	94	268	759	1,177	1,626	3,879	10,026	21,777	28,739	7
480 486.....	68,593	666	193	93	262	751	1,161	1,609	3,842	9,962	21,622	28,425	7
487.....	632	8	6	1	6	8	16	17	37	64	155	314	-
490-496.....	78,380	53	49	119	209	264	633	2,145	10,448	25,707	27,938	10,806	9
490-491.....	3,581	36	23	14	16	19	26	80	403	932	1,243	789	-
492.....	14,483	8	1			14	78	417	2,268	5,221	5,020	1,453	3
493.....	4,360	4	19	101	181	199	341	443	709	1,081	873	408	1
494-496.....	55,956	5	6	4	12	32	188	1,205	7,068	18,473	20,802	8,156	5
531 533.....	6,358	10	5	5	7	58	131	266	646	1,414	2,113	1,703	-
540 543.....	481	1	1	15	11	11	23	31	57	115	124	92	-
550 553, 560.....	5,547	94	33	17	25	57	75	138	378	938	1,829	1,962	1
571.....	26,201	16	4	10	71	1,140	3,422	4,618	7,078	6,202	3,034	598	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, 1987

(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.....	3,032	1	-	-	6	19	27	81	254	639	1,051	954	-
580-589.....	22,052	220	21	25	74	265	405	761	2,032	4,656	7,341	6,252	-
580-581.....	277	9	3	5	2	7	9	9	28	64	90	51	-
582-583, 587....	1,509	4	-	5	16	23	53	65	142	297	495	409	-
584-586, 588-589	20,266	207	18	15	56	235	343	687	1,862	4,295	6,756	5,792	-
590.....	1,742	7	3	-	4	14	29	51	111	302	591	630	-
600.....	461	-	-	-	-	-	-	1	11	66	182	201	-
630-676.....	251	...	...	1	75	132	42	1	...	...	...	...	-
630-638.....	44	...	...	-	12	29	3	-	...	...	...	...	-
640-676.....	207	...	...	1	63	103	39	1	...	...	...	...	-
740-759.....	12,333	7,884	924	448	499	448	387	350	409	446	383	154	1
760-779.....	18,222	18,070	121	14	6	2	4	-	1	1	1	-	2
767-769.....	4,354	4,322	17	7	5	1	2	-	-	-	-	-	-
760-766, 770-779	13,868	13,748	104	7	1	1	2	-	1	1	1	-	2
780-799.....	31,261	6,137	305	159	880	2,230	2,166	1,815	2,931	4,282	5,298	4,974	84
RESIDUAL.....	160,673	1,639	867	900	1,925	4,193	6,475	8,087	16,293	31,574	47,943	40,753	24

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, 1987

(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.....	95,020	950	2,921	4,198	18,695	16,622	10,862	6,982	7,825	8,686	9,929	7,223	127
E810 E825.....	48,290	201	989	2,397	14,447	10,467	5,938	3,576	3,445	3,277	2,726	778	49
E800 E807, E826 E949.....	46,730	749	1,932	1,801	4,248	6,155	4,924	3,406	4,380	5,409	7,203	6,445	78
E950 E959.....	30,796	.....	.....	251	4,924	6,655	5,132	3,707	3,650	3,428	2,402	634	13
E960 E978.....	21,103	273	334	407	5,354	6,546	3,722	1,803	1,204	763	449	147	101
E980 E999.....	3,023	57	76	63	417	874	642	264	242	180	115	62	31
*042 *044 2/.....	13,468	87	104	47	492	5,026	4,794	1,838	761	230	73	13	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, 1987

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
004, 006.....	12	-	-	-	1	1	1	1	4	2	1	1	-
007-009.....	231	34	5	1	3	15	9	6	20	27	55	56	-
010-018.....	2,241	1	5	1	17	112	193	166	354	542	551	298	1
010-012.....	1,815	-	3	-	10	81	149	127	301	444	446	253	1
013-018.....	463	1	2	1	9	34	47	42	67	104	110	46	-
033.....	4	1	-	-	-	1	-	-	-	1	1	-	-
034-035.....	14	-	1	-	-	2	-	-	2	3	2	4	-
036.....	28	4	4	-	1	1	4	4	2	4	3	1	-
038.....	78,523	472	221	249	517	1,385	2,447	4,025	9,894	18,451	23,581	17,269	12
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	5	-	-	-	3	1	-	-	1	-	-	-	-
070.....	648	3	-	5	16	69	108	86	129	114	89	28	1
090-097.....	200	3	-	-	-	9	9	7	13	43	76	40	-
REM. 001 - 139 1/.....	7,602	107	48	92	165	690	889	646	1,068	1,553	1,482	861	1
140-208.....	65,716	16	48	80	143	361	729	1,895	7,227	17,450	22,573	15,190	4
140-149.....	1,775	-	-	1	3	5	31	109	365	564	478	218	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1987

(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.....	16,283	2	5	2	4	27	111	415	1,526	4,069	5,885	4,237	-
160-165.....	13,733	-	-	1	3	25	105	593	2,513	5,281	4,045	1,165	2
174-175.....	8,157	-	-	-	2	8	88	268	896	1,887	2,643	2,365	-
179-187.....	13,987	1	1	1	10	32	69	190	842	3,157	5,756	3,927	1
188-189.....	5,097	1	4	2	2	7	11	72	452	1,335	1,965	1,245	1
170-173, 190-199..	131,420	9	34	45	178	942	3,404	10,165	27,478	41,762	34,090	13,305	8
204-208.....	4,639	2	20	49	54	65	85	109	496	1,063	1,632	1,064	-
200-203.....	6,004	4	5	18	43	111	184	260	869	1,821	1,871	818	-
210-239.....	5,830	31	5	27	45	80	111	225	605	1,383	2,030	1,288	-
250.....	114,739	3	3	6	90	499	1,535	4,973	16,733	34,946	37,360	18,582	9
260-269.....	24,166	52	24	19	55	228	452	893	2,560	5,145	7,687	7,049	2
280-285.....	31,787	41	64	97	138	504	756	1,171	2,791	5,963	10,050	10,209	3
320-322.....	1,659	117	44	29	39	104	142	167	291	373	270	83	-
390-448.....	413,925	3,193	1,655	1,656	3,594	7,419	12,034	20,970	54,596	102,831	122,847	83,093	37
390-398; 402, 404-429.....	447,465	3,056	1,592	1,543	3,389	7,287	12,114	21,376	55,905	107,970	134,693	98,496	44
390-398.....	4,652	6	9	4	17	44	104	214	732	1,421	1,423	678	-

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, 1987

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

CAUSE OF DEATH	AGE												N. S.
	ALL AGES	< 1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OV	
402.....	17,131	1	3	-	10	59	340	891	2,366	4,490	5,583	3,386	2
404.....	1,370	2	-	-	1	6	22	55	160	318	470	336	-
410-414.....	101,285	43	15	18	71	323	977	2,928	10,634	25,878	34,948	25,437	13
410.....	26,238	35	9	10	49	172	492	1,394	3,971	7,960	8,218	3,924	4
411.....	5,058	1	1	2	8	43	175	360	789	1,190	1,427	1,061	1
413.....	5,201	-	-	-	-	4	42	164	555	1,286	1,861	1,289	-
412, 414.....	188,430	10	8	8	42	440	2,205	7,033	22,378	49,119	63,880	43,288	19
424.....	12,875	14	13	16	34	130	183	345	1,011	2,866	4,656	3,606	1
415-423, 425-429.....	723,997	3,045	1,595	1,551	3,460	7,764	15,033	30,891	85,946	170,989	225,142	178,517	64
401, 403.....	87,987	20	4	18	45	339	1,411	4,282	12,220	24,314	28,232	17,097	5
430-438.....	109,569	225	113	173	323	570	1,102	2,370	8,248	22,583	39,960	33,897	5
431-432.....	8,555	122	41	92	152	319	574	819	1,461	2,007	2,020	947	1
434.0, 434.9.....	12,639	53	42	41	74	135	232	395	1,088	2,722	4,463	3,394	-
434.1.....	1,657	1	-	-	6	16	28	65	154	419	599	369	-
430, 433, 435-438.....	97,161	60	35	50	125	217	523	1,507	6,433	19,172	36,397	32,637	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, 1987

(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.....	79,866	2	-	1	13	78	386	1,365	5,480	15,222	27,319	29,996	4
441-448.....	20,478	30	8	14	46	97	216	549	1,990	5,348	6,991	5,186	3
466.....	1,345	31	12	3	5	15	29	35	113	280	430	392	-
480-487.....	117,289	515	285	253	536	1,473	2,353	3,945	11,347	24,962	38,166	33,441	13
480-486.....	116,971	513	283	253	536	1,469	2,344	3,936	11,307	24,907	38,069	33,341	13
487.....	318	2	2	-	-	4	9	9	40	55	97	100	-
490-496.....	102,001	44	39	42	110	161	531	2,698	13,583	33,222	35,954	15,604	13
490-491.....	4,735	21	20	11	26	28	67	187	548	1,182	1,442	1,203	-
492.....	17,089	10	1	2	11	26	102	529	2,420	5,840	5,989	2,156	3
493.....	5,044	10	11	18	40	62	133	307	822	1,411	1,471	759	-
494-496.....	76,237	4	9	14	41	56	253	1,732	9,959	25,141	27,394	11,624	10
531-533.....	10,265	13	4	9	22	45	154	387	1,181	2,605	3,442	2,402	1
540-543.....	448	1	1	4	2	4	6	24	40	123	136	107	-
550-553, 560.....	13,242	145	20	20	32	107	245	545	1,472	2,948	4,200	3,506	2
571.....	13,547	30	17	16	47	486	1,151	1,753	3,391	3,888	2,221	541	6
574-575.....	4,784	14	2	2	4	28	55	141	435	1,050	1,630	1,423	-

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, 1987

(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.....	90,997	795	117	117	345	1,318	2,420	4,021	10,720	22,667	28,785	19,680	12
580-581.....	830	8	8	1	9	21	23	33	114	190	252	171	-
582-583, 587.....	2,839	11	9	6	19	45	67	102	270	603	939	768	-
584-586, 588-589..	88,749	781	104	117	330	1,276	2,379	3,931	10,478	22,170	28,067	19,104	12
590.....	2,344	8	2	-	11	24	70	89	226	446	769	698	1
600.....	1,661	-	-	-	-	-	-	5	57	330	676	593	-
630-676.....	51	...	...	-	17	25	9	-	...	...	...	...	-
630-638.....	10	...	...	-	2	6	2	-	...	...	...	...	-
640-676.....	45	...	...	-	16	22	7	-	...	...	...	...	-
740-759.....	4,434	1,259	233	140	186	231	248	288	517	564	526	242	-
760-779.....	5,952	5,801	93	20	11	6	4	4	2	8	-	3	-
767-769.....	1,867	1,824	19	6	6	4	2	-	1	5	-	-	-
760-766, 770-779..	9,800	9,672	91	15	5	3	2	4	1	4	-	3	-
780-799.....	408,181	3,505	1,466	1,462	3,476	7,024	10,985	19,750	52,059	98,564	119,654	90,189	47
RESIDUAL.....	400,093	2,422	1,140	1,104	3,323	8,102	13,216	21,045	48,622	87,227	116,021	97,825	46
E800-E949.....	59,621	597	336	353	628	1,287	1,982	2,961	6,975	13,804	16,916	13,776	6

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, 1987

(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.....	824	3	1	8	43	52	58	91	134	178	191	65	-
E800-F807, E816-E949.....	59,151	595	336	350	678	1,327	1,966	2,894	6,867	13,663	16,749	13,720	6
E950-E959.....	173	...	...	-	17	31	30	8	26	35	22	4	-
E960-E978.....	163	11	4	4	13	18	20	14	26	23	20	10	-
E980-E999.....	226	10	-	-	9	48	40	16	27	33	17	26	-
N800-N999.....	199,610	1,825	3,596	5,185	29,616	31,468	21,832	15,078	18,611	24,637	27,274	20,219	269
N800-N848.....	33,442	107	331	647	3,854	3,315	1,936	1,436	1,895	3,361	7,186	9,349	25
N850-N854.....	35,989	379	863	1,600	8,654	7,003	4,207	2,724	2,827	2,973	3,073	1,640	46
N860-N869.....	23,119	70	306	712	5,591	5,153	3,222	2,099	2,054	1,873	1,501	500	38
N870-N897.....	37,547	28	118	673	8,266	9,713	6,149	3,690	3,385	2,974	1,989	505	57
N900-N904.....	4,295	7	22	68	1,052	1,053	629	373	384	344	269	91	3
N905-N909.....	2,741	9	23	40	69	173	239	191	291	456	597	653	-
N910-N929.....	1,883	20	51	60	291	336	253	168	183	174	190	155	2
N930-N939.....	14,193	281	205	168	356	520	665	767	1,459	2,606	3,863	3,300	3
N940-N949.....	4,233	83	347	199	483	583	489	346	433	504	506	249	11
N950-N957.....	2,038	10	28	76	399	388	238	160	201	213	235	89	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY PRESENCE OF A SECONDARY CAUSE
AS A RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1987

(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.....	33,195	162	498	1,038	7,410	6,607	4,227	2,760	2,829	2,792	2,977	1,838	57
N960-N995.....	36,181	620	1,582	1,452	5,243	7,958	5,951	3,364	3,189	3,024	2,473	1,222	103
N996-N999.....	26,657	429	230	174	250	529	865	1,589	4,093	7,869	7,133	3,496	-
+042-+044 <u>2</u> /.....	1,585	12	7	9	55	512	585	221	111	52	19	2	-

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

2/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1987

(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.....	34	1	3	3	1	3	2	2	9	5	1	4	-
007-009.....	611	128	19	5	11	60	41	17	41	72	108	109	-
010-018.....	4,115	2	11	4	44	260	398	357	642	935	964	494	4
010-012.....	3,311	-	6	2	29	177	282	276	544	775	796	421	3
013-018.....	851	2	6	2	18	87	121	87	110	168	175	74	1
033.....	5	1	1	-	-	1	-	-	-	1	1	-	-
034-035.....	24	1	2	-	-	2	1	-	4	4	2	8	-
036.....	286	70	76	21	21	18	17	16	18	15	10	4	-
038.....	99,342	739	324	302	641	1,907	3,163	4,880	11,988	22,796	29,848	22,738	16
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	7	-	-	1	3	1	-	-	2	-	-	-	-
070.....	1,830	5	3	10	78	194	263	216	338	381	274	67	1
090-097.....	298	17	-	-	2	12	16	10	25	63	105	48	-
REM. 001 - 139 1/.....	27,796	430	262	246	828	6,228	6,339	3,024	2,824	3,196	2,772	1,643	4
140-208.....	544,037	118	596	1,220	2,120	6,245	16,211	40,349	105,717	166,503	143,342	61,579	37
140-149.....	9,743	-	-	2	25	69	306	1,047	2,540	3,013	1,935	805	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, 1987

(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.....	133,719	6	30	27	126	701	2,634	7,861	23,074	40,208	39,645	19,397	10
160-165.....	148,715	4	5	5	44	356	2,738	12,611	37,820	54,412	33,188	7,523	9
174-175.....	49,368	-	-	-	18	682	3,153	5,721	10,380	12,640	10,740	6,031	3
179-187.....	65,816	1	2	8	129	690	1,349	2,870	8,062	18,752	22,598	11,351	4
188-189.....	24,498	3	22	36	25	82	368	1,271	3,812	7,100	7,834	3,944	1
170-173, 190-199	193,492	62	323	559	946	2,920	6,796	15,825	39,976	58,938	48,036	19,099	12
204-208.....	21,923	32	212	522	570	696	910	1,233	2,954	5,389	6,177	3,226	2
200-203.....	32,680	13	23	100	396	934	1,355	2,246	5,410	9,699	9,093	3,407	4
210-239.....	12,662	93	60	109	156	270	368	617	1,496	3,118	4,014	2,361	-
250.....	153,270	3	13	37	209	1,117	2,738	7,231	22,648	45,735	48,829	24,699	11
260-269.....	27,672	77	32	25	64	261	507	985	2,778	5,643	8,740	8,558	2
280-285.....	35,636	68	110	159	242	711	909	1,305	3,059	6,568	11,130	11,372	3
320-322.....	2,839	332	185	66	60	180	226	259	423	536	406	166	-
390-448.....	1,378,486	4,307	2,048	2,074	4,993	12,283	27,244	59,618	160,628	320,536	430,517	354,071	167
390-398, 402, 404-429.....	1,208,110	4,026	1,924	1,869	4,459	10,949	24,362	54,105	145,941	286,061	372,815	301,448	151
390-398.....	11,043	11	17	12	58	199	327	651	1,756	3,297	3,286	1,429	-

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, 1987

(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.....	35,657	2	1	1	25	171	889	2,200	5,272	9,009	10,952	7,131	4
404.....	774	1	-	-	-	-	5	5	38	96	244	385	-
410-414.....	613,421	69	26	33	201	1,535	8,102	24,334	71,981	149,489	199,010	158,571	70
410.....	279,777	51	16	19	122	874	4,701	14,566	40,337	77,645	90,131	51,286	29
411.....	8,590	2	1	2	10	70	279	662	1,417	2,053	2,375	1,715	4
413.....	6,233	-	-	-	-	5	55	189	666	1,520	2,221	1,577	-
412, 414.....	442,462	19	12	14	97	922	5,005	14,940	46,620	101,947	144,721	128,117	48
424.....	23,871	31	28	27	75	257	414	715	1,951	5,100	8,550	6,721	2
415-423, 425-429.....	936,140	3,967	1,895	1,841	4,305	9,828	19,167	40,124	109,787	216,845	287,926	240,344	111
401, 403.....	103,421	23	7	21	65	423	1,660	4,925	13,936	28,007	33,158	21,190	6
430-438.....	259,390	352	167	245	567	1,536	3,511	7,041	19,733	50,343	92,279	83,595	21
431-432.....	29,994	174	62	126	241	672	1,589	2,680	4,762	7,244	8,290	4,151	3
434.0, 434.9.	35,283	70	47	48	98	194	361	801	2,601	6,833	12,629	11,598	3
434.1.....	2,396	1	-	-	8	23	36	97	211	583	880	557	-
430, 433, 435-438.....	208,807	119	63	83	266	821	1,930	4,153	13,742	38,995	76,392	72,227	16

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, 1987

(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.....	112,347	3	-	1	16	94	447	1,606	6,779	19,714	37,674	46,006	7
441-448.....	47,686	46	16	32	118	306	645	1,475	5,388	13,565	15,972	10,116	7
466.....	2,173	100	35	14	10	25	50	55	179	436	659	610	-
480-487.....	189,255	1,215	498	362	853	2,687	3,967	5,781	15,471	35,368	60,461	62,572	20
480-486.....	188,577	1,207	493	361	849	2,680	3,948	5,762	15,414	35,275	60,269	62,299	20
487.....	950	10	8	1	6	12	25	26	77	119	252	414	-
490-496.....	180,448	101	89	162	319	426	1,165	4,845	24,039	58,938	63,908	26,434	22
490-491.....	8,353	61	44	26	42	48	94	268	952	2,117	2,693	2,008	-
492.....	33,223	18	2	2	13	42	187	990	4,922	11,641	11,601	3,799	6
493.....	9,520	15	30	119	221	261	476	755	1,548	2,526	2,383	1,185	1
494-496.....	138,628	10	16	18	56	94	482	3,140	17,914	45,693	50,497	20,693	15
531-533.....	16,628	23	9	14	29	103	285	654	1,827	4,019	5,557	4,107	1
540-543.....	929	2	2	19	13	15	29	55	97	238	260	199	-
550-553, 560.....	18,789	239	53	37	57	164	320	683	1,850	3,886	6,029	5,468	3
571.....	39,466	46	21	26	117	1,615	4,521	6,294	10,384	10,047	5,244	1,137	14
574-575.....	7,828	15	2	2	10	47	82	222	691	1,691	2,684	2,382	-

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, 1987

(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.....	125,612	1,018	138	147	441	1,686	3,066	5,277	14,134	30,474	40,340	28,879	12
580-581.....	1,252	14	11	6	12	31	39	61	196	307	362	213	-
582-583, 587..	5,315	15	9	13	36	84	149	212	548	1,200	1,729	1,320	-
584-586, 588-589	120,946	994	122	135	407	1,601	2,939	5,073	13,587	29,405	38,873	27,798	12
590.....	4,292	15	5		16	40	105	146	357	804	1,424	1,379	1
600.....	2,122							6	68	396	858	794	-
630-676.....	302			1	92	157	51	1	....	....	....	....	-
630-638.....	54				14	35	5		....	....	....	....	-
640-676.....	252			1	79	125	46	1	....	....	....	....	-
740-759.....	16,815	9,151	1,157	588	686	683	638	646	934	1,018	914	399	1
760-779.....	24,197	23,878	226	37	18	8	8	4	3	9	1	3	2
767-769.....	6,254	6,167	45	15	12	5	4		1	5			
767, 768, 770-779	23,675	23,423	198	23	6	4	4	4	2	5	1	3	2
780-799.....	444,099	9,645	1,771	1,623	4,367	9,288	13,218	21,725	55,412	103,789	126,408	96,713	131
800-899.....	584,938	4,167	2,047	2,049	5,390	13,070	20,907	30,663	67,988	123,900	170,571	144,115	76
1800-1849.....	154,638	1,547	3,257	4,551	19,323	17,909	12,844	9,943	14,800	22,489	26,844	20,998	133

SEE FOOTNOTES AT END OF TABLE

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1987

(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.....	49,112	204	990	2,405	14,490	10,519	5,996	3,667	3,579	3,455	2,915	843	49
E800-E807, E826-E949.....	105,879	1,344	2,268	2,151	4,926	7,482	6,890	6,300	11,247	19,071	23,952	20,164	84
E950-E959.....	30,969	...	...	251	4,941	6,686	5,162	3,715	3,676	3,463	2,424	638	13
E960-E978.....	21,266	284	338	411	5,367	6,564	3,742	1,817	1,230	786	469	157	101
E980-E999.....	3,249	67	76	63	426	922	682	280	269	213	132	88	31
N800-N999.....	199,610	1,825	3,596	5,185	29,616	31,468	21,832	15,078	18,611	24,637	27,274	20,219	269
N800-N848.....	33,442	107	331	647	3,854	3,315	1,936	1,436	1,895	3,361	7,186	9,349	25
N850-N854.....	35,989	379	863	1,600	8,654	7,003	4,207	2,724	2,827	2,973	3,073	1,640	46
N860-N869.....	23,119	70	306	712	5,591	5,153	3,222	2,099	2,054	1,873	1,501	500	38
N870-N897.....	37,547	28	118	673	8,266	9,713	6,149	3,690	3,385	2,974	1,989	505	57
N900-N904.....	4,295	7	22	68	1,052	1,053	629	373	384	344	269	91	3
N905-N909.....	2,741	9	23	40	69	173	239	191	291	456	597	653	-
N910-N929.....	1,883	20	51	60	291	336	253	168	183	174	190	155	2
N930-N939.....	14,193	281	205	168	356	520	665	767	1,459	2,606	3,863	3,300	3
N940-N949.....	4,233	83	347	199	483	583	489	346	433	504	506	249	11
N950-N957.....	2,038	10	28	76	399	388	238	160	201	213	235	89	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, 1987

(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.....	33,195	162	498	1,038	7,410	6,607	4,227	2,760	2,829	2,792	2,977	1,838	57
N960-N995.....	36,181	620	1,582	1,452	5,243	7,958	5,951	3,364	3,189	3,024	2,473	1,222	103
N996-N999.....	26,657	429	230	174	250	529	865	1,589	4,093	7,869	7,133	3,496	-
*042-*044 <u>2</u> /.....	15,054	99	111	56	547	5,539	5,379	2,059	872	282	92	15	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 6

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1987

(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.....	34	18	16	28	14	14	6	4	2	5	4	1
007-009.....	537	258	279	439	206	233	98	52	46	90	46	44
010-018.....	3,996	2,620	1,376	2,589	1,679	910	1,407	941	466	1,209	826	383
010-012.....	3,213	2,227	986	2,108	1,447	661	1,105	780	325	954	685	269
013-018.....	817	417	400	497	244	253	320	173	147	271	153	118
033.....	5	1	4	4	1	3	1	-	1	1	-	1
034-035.....	24	12	12	22	12	10	2	-	2	2	-	2
036.....	286	153	133	216	115	101	70	38	32	68	36	32
038.....	98,437	46,832	51,605	80,863	38,183	42,680	17,574	8,649	8,925	16,273	7,958	8,315
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	7	5	2	7	5	2	-	-	-	-	-	-
070.....	1,830	1,172	658	1,399	902	497	431	270	161	291	173	118
090-097.....	298	174	124	156	89	67	142	85	57	138	81	57
REM. 001 - 139 <u>2/</u>	27,153	19,850	7,303	20,252	14,900	5,352	6,901	4,950	1,951	6,562	4,738	1,824
140-208.....	542,642	292,236	250,406	477,476	255,391	222,085	65,166	36,845	28,321	59,177	33,535	25,642

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, 1987

(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.....	9,743	6,536	3,207	8,223	5,393	2,830	1,520	1,143	377	1,376	1,029	347
150-159.....	133,719	70,551	63,168	116,012	60,854	55,158	17,707	9,697	8,010	15,607	8,424	7,183
160-165.....	148,715	100,790	47,925	131,437	88,301	43,136	17,278	12,489	4,789	15,877	11,573	4,304
174-175.....	49,368	404	48,964	44,043	345	43,698	5,325	59	5,266	4,928	55	4,873
179-187.....	65,816	39,330	26,486	56,177	33,217	22,960	9,639	6,113	3,526	9,040	5,821	3,219
188-189.....	24,498	16,110	8,388	22,403	14,857	7,546	2,095	1,253	842	1,909	1,127	782
170-173, 190-199	191,920	100,464	91,456	169,847	88,413	81,434	22,073	12,051	10,022	20,171	11,062	9,109
204-208.....	21,923	12,050	9,873	19,882	10,951	8,931	2,041	1,099	942	1,780	960	820
200-203.....	32,319	16,815	15,504	28,981	15,031	13,950	3,338	1,784	1,554	3,022	1,622	1,400
210-239.....	12,400	5,804	6,596	10,961	5,115	5,846	1,439	689	750	1,291	613	678
250.....	153,269	67,831	85,438	130,184	58,613	71,571	23,085	9,218	13,867	20,824	8,110	12,714
260-269.....	27,034	12,517	14,517	23,261	10,456	12,805	3,773	2,061	1,712	3,417	1,866	1,551
280-285.....	35,600	15,886	19,714	29,725	13,024	16,701	5,875	2,862	3,013	5,415	2,628	2,787
320-322.....	2,820	1,515	1,305	2,085	1,135	950	735	380	355	673	354	319
390-448.....	1,377,422	683,342	694,080	1,207,368	596,920	610,448	170,054	86,422	83,632	155,704	78,079	77,625

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,207,786	610,532	597,254	1,058,829	533,955	524,874	148,957	76,577	72,380	136,583	69,292	67,291
390-398.....	11,040	3,588	7,452	10,185	3,283	6,902	855	305	550	696	251	445
402.....	37,703	16,386	21,317	28,681	12,219	16,462	9,022	4,167	4,855	8,556	3,935	4,621
404.....	3,633	1,463	2,170	2,653	1,022	1,631	980	441	539	935	421	514
410-414.....	613,420	320,312	293,108	558,875	292,418	266,457	54,545	27,894	26,651	49,218	24,554	24,664
410.....	279,776	154,629	125,147	253,914	141,206	112,708	25,862	13,423	12,439	23,289	11,769	11,520
411.....	8,590	4,980	3,610	7,549	4,352	3,197	1,041	628	413	952	564	388
413.....	6,233	3,060	3,173	5,768	2,864	2,904	465	196	269	431	179	252
412, 414.....	442,461	226,459	216,002	405,591	207,755	197,836	36,870	18,704	18,166	33,022	16,321	16,701
424.....	23,827	11,079	12,748	21,774	10,103	11,671	2,053	976	1,077	1,824	862	962
415-423, 425- 429.....	931,630	462,458	469,172	811,210	401,004	410,206	120,420	61,454	58,966	110,480	55,717	54,763
401, 403.....	96,062	40,946	55,116	78,251	33,113	45,138	17,811	7,833	9,978	16,342	7,049	9,293
430-438.....	259,401	106,635	152,766	225,412	91,378	134,034	33,989	15,257	18,732	30,829	13,596	17,233
431-432.....	29,214	13,574	15,640	24,090	10,943	13,147	5,124	2,631	2,493	4,421	2,255	2,166

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, 1987

(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..	35,044	14,265	20,779	30,907	12,362	18,545	4,137	1,903	2,234	3,774	1,701	2,073
434.1.....	2,396	984	1,412	2,196	898	1,298	200	86	114	169	76	93
430, 433, 435- 438.....	203,166	81,873	121,293	177,574	70,767	106,807	25,592	11,106	14,486	23,374	9,949	13,425
440.....	102,340	42,965	59,375	93,631	39,082	54,549	8,709	3,883	4,826	7,927	3,437	4,490
441-448.....	42,968	24,818	18,150	39,004	22,795	16,209	3,964	2,023	1,941	3,567	1,756	1,811
466.....	1,891	939	952	1,747	857	890	144	82	62	120	66	54
480-487.....	186,512	97,582	88,930	166,998	85,953	81,045	19,514	11,629	7,885	17,270	10,297	6,973
480-486.....	185,562	97,198	88,364	166,105	85,593	80,512	19,457	11,605	7,852	17,232	10,281	6,951
487.....	950	384	566	893	360	533	57	24	33	38	16	22
490-496.....	180,380	112,918	67,462	167,159	103,989	63,170	13,221	8,929	4,292	11,762	7,947	3,815
490-491.....	8,316	4,362	3,954	7,767	4,037	3,730	549	325	224	461	274	187
492.....	31,571	20,988	10,583	29,635	19,490	10,145	1,936	1,498	438	1,727	1,340	387
493.....	9,370	3,781	5,589	7,496	2,946	4,550	1,874	835	1,039	1,645	723	922
494-496.....	132,184	84,315	47,869	123,219	77,984	45,235	8,965	6,331	2,634	8,011	5,662	2,349
531-533.....	16,623	8,754	7,869	15,006	7,790	7,216	1,617	964	653	1,384	811	573

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, 1987

(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.....	929	482	447	765	397	368	164	85	79	149	76	73
550-553, 560.....	18,789	7,292	11,497	16,603	6,281	10,322	2,186	1,011	1,175	2,012	932	1,080
571.....	39,521	25,947	13,574	32,992	21,685	11,307	6,529	4,262	2,267	5,741	3,795	1,946
574-575.....	7,816	3,334	4,482	7,028	3,015	4,013	788	319	469	672	257	415
580-589.....	113,043	59,499	53,544	94,305	50,017	44,288	18,738	9,482	9,256	17,082	8,549	8,533
580-581.....	1,106	537	569	902	433	469	204	104	100	182	92	90
582-583, 587....	4,339	2,309	2,030	3,459	1,835	1,624	880	474	406	820	443	377
584-586, 588-589	109,007	57,380	51,627	91,123	48,352	42,771	17,884	9,028	8,856	16,287	8,123	8,164
590.....	4,081	1,468	2,613	3,559	1,253	2,306	522	215	307	467	201	266
600.....	2,122	2,122	...	1,897	1,897	...	225	225	...	206	206	...
630-676.....	302	...	302	183	...	183	119	...	119	107	...	107
630-638.....	54	...	54	29	...	29	25	...	25	23	...	23
640-676.....	252	...	252	158	...	158	94	...	94	84	...	84
740-759.....	16,761	9,007	7,754	13,615	7,376	6,239	3,146	1,631	1,515	2,692	1,407	1,285
760-779.....	24,172	13,720	10,452	15,833	9,022	6,811	8,339	4,698	3,641	7,702	4,327	3,375

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, 1987

(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.....	6,221	3,721	2,500	4,289	2,596	1,693	1,932	1,125	807	1,775	1,034	741
760-766, 770-779	23,666	13,427	10,239	15,460	8,800	6,660	8,206	4,627	3,579	7,589	4,265	3,324
780-799.....	439,440	223,527	215,913	382,456	192,761	189,695	56,984	30,766	26,218	51,640	27,749	23,891
RESIDUAL.....	560,695	272,237	288,458	487,484	233,570	253,914	73,211	38,667	34,544	66,311	34,788	31,523
E800-E949.....	154,638	95,018	59,620	132,922	80,563	52,359	21,716	14,455	7,261	18,598	12,352	6,246
E810-E825.....	49,112	34,521	14,591	42,309	29,563	12,746	6,803	4,958	1,845	5,367	3,976	1,391
E800-E807, E826-E949.....	105,879	60,760	45,119	90,929	51,233	39,696	14,950	9,527	5,423	13,255	8,396	4,859
E950-E959.....	30,969	24,412	6,557	28,376	22,317	6,059	2,593	2,095	498	1,972	1,643	329
E960-E978.....	21,266	15,970	5,296	11,233	8,049	3,184	10,033	7,921	2,112	9,541	7,561	1,980
E980-E999.....	3,249	2,350	899	2,356	1,680	676	893	670	223	814	607	207
N800-N999.....	199,610	131,963	67,647	165,575	107,546	58,029	34,035	24,417	9,618	29,876	21,532	8,344
N800-N848.....	33,442	17,458	15,984	30,423	15,450	14,973	3,019	2,008	1,011	2,545	1,720	825
N850-N854.....	35,989	25,871	10,118	30,404	21,685	8,719	5,585	4,186	1,399	4,721	3,555	1,166
N860-N869.....	23,119	17,055	6,064	18,921	13,747	5,174	4,198	3,308	890	3,664	2,927	737
N870-N897.....	37,547	30,782	6,765	27,294	22,272	5,022	10,253	8,510	1,743	9,589	7,983	1,606

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, 1987

(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.....	4,295	3,189	1,106	3,307	2,390	917	988	799	189	895	732	163
N905-N909.....	2,741	1,607	1,134	2,350	1,317	1,033	391	290	101	346	257	89
N910-N929.....	1,883	1,314	569	1,582	1,089	493	301	225	76	256	196	60
N930-N939.....	14,193	7,801	6,392	12,006	6,511	5,495	2,187	1,290	897	1,958	1,140	818
N940-N949.....	4,233	2,774	1,459	3,033	2,024	1,009	1,200	750	450	1,101	679	422
N950-N957.....	2,038	1,507	531	1,591	1,142	449	447	365	82	401	334	67
N958-N959.....	33,195	23,065	10,130	27,475	18,874	8,601	5,720	4,191	1,529	4,757	3,551	1,206
N960-N995.....	36,181	25,063	11,118	28,908	19,968	8,940	7,273	5,095	2,178	6,262	4,373	1,889
N996-N999.....	26,657	14,533	12,124	23,427	12,854	10,573	3,230	1,679	1,551	2,916	1,497	1,419
+042-+044 ^{3/}	15,039	13,462	1,577	10,371	9,653	718	4,668	3,809	859	4,557	3,712	845

^{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, 1987

(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.....	2,123,323	1,107,958	1,015,365	1,843,067	953,382	889,685	280,256	154,576	125,680	254,814	139,551	115,263
004, 006.....	22	11	11	16	7	9	6	4	2	5	4	1
007-009.....	307	137	170	246	111	135	61	26	35	56	23	33
010-018.....	1,755	1,169	586	1,082	724	358	673	445	228	582	395	187
010-012.....	1,398	971	427	900	623	277	498	348	150	432	310	122
013-018.....	357	198	159	182	101	81	175	97	78	150	85	65
033.....	1	-	1	-	-	-	1	-	1	1	-	1
034-035.....	10	4	6	10	4	6	-	-	-	-	-	-
036.....	258	137	121	192	100	92	66	37	29	65	36	29
038.....	19,916	8,969	10,947	15,936	7,096	8,840	3,980	1,873	2,107	3,748	1,760	1,988
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	2	-	2	2	-	-	-	-	-	-	-
070.....	1,182	725	457	935	580	355	247	145	102	165	92	73
090-097.....	98	57	41	51	32	19	47	25	22	45	23	22
REM 001 139 27	19,560	15,385	4,175	14,085	11,307	2,778	5,475	4,078	1,397	5,250	3,920	1,330

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-208	476,927	254,653	222,274	418,473	221,757	196,716	58,454	32,896	25,558	53,027	29,928	23,099
140-149	7,968	5,310	2,658	6,679	4,344	2,335	1,289	966	323	1,161	864	297
150-159	117,436	61,792	55,644	101,519	53,100	48,419	15,917	8,692	7,225	14,016	7,544	6,472
160-165	134,983	91,083	43,900	119,072	79,604	39,468	15,911	11,479	4,432	14,622	10,647	3,975
174-175	41,211	312	40,899	36,569	272	36,297	4,642	40	4,602	4,291	39	4,252
179-187	51,829	28,504	23,325	43,951	23,742	20,209	7,878	4,762	3,116	7,378	4,545	2,833
188-189	19,401	12,444	6,957	17,669	11,420	6,249	1,732	1,024	708	1,575	918	657
170-173, 190-199	60,500	32,269	28,231	53,867	28,713	25,154	6,633	3,556	3,077	6,026	3,255	2,771
204-208	17,284	9,387	7,897	15,569	8,480	7,089	1,715	907	808	1,479	781	698
200-203	26,315	13,552	12,763	23,578	12,082	11,496	2,737	1,470	1,267	2,479	1,335	1,144
210-239	6,570	3,065	3,505	5,802	2,683	3,119	768	382	386	689	339	350
250	38,532	16,237	22,295	31,395	13,553	17,842	7,137	2,684	4,453	6,497	2,388	4,109
260-269	2,889	1,107	1,782	2,478	901	1,577	411	206	205	383	194	189
280-285	3,813	1,670	2,143	3,027	1,269	1,758	786	401	385	739	378	361
320-322	1,161	645	516	812	460	352	349	185	164	319	169	150

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, 1987

(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.....	963,611	470,076	493,535	853,480	415,406	438,074	110,131	54,670	55,461	100,921	49,201	51,720
390-398, 402, 404-429.....	760,353	385,217	375,136	675,732	342,063	333,669	84,621	43,154	41,467	77,747	38,934	38,813
390-398.....	6,389	1,934	4,455	5,875	1,767	4,108	514	167	347	412	132	280
402.....	20,678	8,855	11,823	15,119	6,245	8,874	5,559	2,610	2,949	5,276	2,465	2,811
404.....	2,521	997	1,524	1,828	685	1,143	693	312	381	662	299	363
410-414.....	512,138	267,757	244,381	466,690	244,461	222,229	45,448	23,296	22,152	41,070	20,521	20,549
410.....	253,542	140,252	113,290	230,809	128,433	102,376	22,733	11,819	10,914	20,453	10,344	10,109
411.....	3,532	2,073	1,459	3,007	1,750	1,257	525	323	202	482	290	192
413.....	1,032	472	560	919	429	490	113	43	70	107	40	67
412, 414....	254,032	124,960	129,072	231,955	113,849	118,106	22,077	11,111	10,966	20,028	9,847	10,181
424.....	10,952	4,986	5,966	9,971	4,524	5,447	981	462	519	887	414	473
415-423, 425- 429.....	207,675	100,688	106,987	176,249	84,381	91,868	31,426	16,307	15,119	29,440	15,103	14,337
401, 403.....	8,139	3,530	4,609	6,250	2,692	3,558	1,889	838	1,051	1,804	795	1,009
430-438.....	149,835	59,061	90,774	130,047	50,237	79,810	19,788	8,824	10,964	17,907	7,852	10,055

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, 1987

(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
431-432.....	20,673	9,378	11,295	16,922	7,423	9,499	3,751	1,955	1,796	3,238	1,684	1,554
434.0, 434.9..	22,405	8,752	13,653	19,966	7,638	12,328	2,439	1,114	1,325	2,241	999	1,242
434.1.....	739	305	434	671	278	393	68	27	41	61	24	37
430, 433, 435- 438.....	106,018	40,626	65,392	92,488	34,898	57,590	13,530	5,728	7,802	12,367	5,145	7,222
440.....	22,474	8,428	14,046	20,726	7,686	13,040	1,748	742	1,006	1,622	680	942
441-448.....	22,810	13,840	8,970	20,725	12,728	7,997	2,085	1,112	973	1,841	940	901
466.....	548	267	281	485	236	249	63	31	32	56	27	29
480-487.....	69,225	33,562	35,663	61,811	29,284	32,527	7,414	4,278	3,136	6,565	3,795	2,770
480-486.....	68,593	33,310	35,283	61,216	29,048	32,168	7,377	4,262	3,115	6,543	3,785	2,758
487.....	632	252	380	595	236	359	37	16	21	22	10	12
490-496.....	78,380	47,039	31,341	72,668	43,290	29,378	5,712	3,749	1,963	5,052	3,319	1,733
490-491.....	3,581	1,884	1,697	3,379	1,766	1,613	202	118	84	169	100	69
492.....	14,483	9,182	5,301	13,663	8,566	5,097	820	616	204	719	543	176
493.....	4,360	1,730	2,630	3,327	1,244	2,083	1,033	486	547	920	428	492
494-496.....	55,956	34,243	21,713	52,299	31,714	20,585	3,657	2,529	1,128	3,244	2,248	996

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
531-533.....	6,358	3,192	3,166	5,740	2,828	2,912	618	364	254	543	316	227
540-543.....	481	255	226	378	203	175	103	52	51	95	47	48
550-553, 560.....	5,547	2,091	3,456	4,867	1,749	3,118	680	342	338	635	322	313
571.....	26,201	17,051	9,150	21,766	14,175	7,591	4,435	2,876	1,559	3,916	2,574	1,342
574-575.....	3,032	1,297	1,735	2,721	1,181	1,540	311	116	195	263	90	173
580-589.....	22,052	10,872	11,180	17,764	8,800	8,964	4,288	2,072	2,216	3,975	1,905	2,070
580-581.....	277	133	144	221	103	118	56	30	26	48	26	22
582-583, 587....	1,509	741	768	1,204	587	617	305	154	151	277	139	138
584-586, 588-589	20,266	9,998	10,268	16,339	8,110	8,229	3,927	1,888	2,039	3,650	1,740	1,910
590.....	1,742	536	1,206	1,526	458	1,068	216	78	138	196	74	122
600.....	461	461	...	406	406	...	55	55	...	50	50	...
630-676.....	251	...	251	153	...	153	98	...	98	91	...	91
630-638.....	44	...	44	25	...	25	19	...	19	18	...	18
640-676.....	207	...	207	128	...	128	79	...	79	73	...	73
740-759.....	12,333	6,604	5,729	9,910	5,364	4,546	2,423	1,240	1,183	2,076	1,087	989

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, 1987

(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.....	18,222	10,442	7,780	11,412	6,560	4,852	6,810	3,882	2,928	6,373	3,608	2,765
767-769.....	4,354	2,658	1,696	2,974	1,850	1,124	1,380	808	572	1,294	753	541
760-766, 770-779	13,868	7,784	6,084	8,438	4,710	3,728	5,430	3,074	2,356	5,079	2,855	2,224
780-799.....	31,261	17,440	13,821	24,184	13,322	10,862	7,077	4,118	2,959	6,562	3,817	2,745
RESIDUAL.....	160,673	75,661	85,012	137,905	63,865	74,040	22,768	11,796	10,972	20,893	10,788	10,105
E800-E949.....	95,020	64,816	30,204	79,810	53,936	25,874	15,210	10,880	4,330	12,777	9,159	3,618
E810-E825.....	48,290	33,904	14,386	41,581	29,017	12,564	6,709	4,887	1,822	5,287	3,913	1,374
E800-E807, E826-E949.....	46,730	30,912	15,818	38,229	24,919	13,310	8,501	5,993	2,508	7,490	5,246	2,244
E950-E959.....	30,796	24,272	6,524	28,217	22,188	6,029	2,579	2,084	495	1,963	1,635	328
E960-E978.....	21,103	15,855	5,248	11,128	7,979	3,149	9,975	7,876	2,099	9,487	7,518	1,969
E980-E999.....	3,023	2,196	827	2,194	1,566	628	829	630	199	754	570	184
•042 •044 3/.....	13,468	12,088	1,380	9,328	8,700	628	4,140	3,388	752	4,040	3,301	739

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
004, 006.....	12	7	5	12	7	5	-	-	-	-	-	-
007-009.....	231	121	110	194	95	99	37	26	11	34	23	11
010-018.....	2,241	1,451	790	1,507	955	552	734	496	238	627	431	196
010-012.....	1,815	1,256	559	1,208	824	384	607	432	175	522	375	147
013-018.....	463	222	241	316	144	172	147	78	69	123	70	53
033.....	4	1	3	4	1	3	-	-	-	-	-	-
034-035.....	14	8	6	12	8	4	2	-	2	2	-	2
036.....	28	16	12	24	15	9	4	1	3	3	-	3
038.....	78,523	37,864	40,659	64,929	31,088	33,841	13,594	6,776	6,818	12,525	6,198	6,327
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	5	3	2	5	3	2	-	-	-	-	-	-
070.....	648	447	201	464	322	142	184	125	59	126	81	45
090-097.....	200	117	83	105	57	48	95	60	35	93	58	35
REM. 001 - 139 ^{2/}	7,602	4,473	3,129	6,172	3,597	2,575	1,430	876	554	1,316	822	494
140-208.....	65,716	37,584	28,132	59,004	33,635	25,369	6,712	3,949	2,763	6,150	3,607	2,543

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149	1,775	1,226	549	1,544	1,049	495	231	177	54	215	165	50
150-159	16,283	8,759	7,524	14,493	7,754	6,739	1,790	1,005	785	1,591	880	711
160-165	13,733	9,708	4,025	12,366	8,698	3,668	1,367	1,010	357	1,255	926	329
174-175	8,157	92	8,065	7,474	73	7,401	683	19	664	637	16	621
179-187	13,987	10,826	3,161	12,226	9,475	2,751	1,761	1,351	410	1,662	1,276	386
188-189	5,097	3,666	1,431	4,734	3,437	1,297	363	229	134	334	209	125
170-173, 190-199 ..	131,420	68,195	63,225	115,980	59,700	56,280	15,440	8,495	6,945	14,145	7,807	6,338
204-208	4,639	2,663	1,976	4,313	2,471	1,842	326	192	134	301	179	122
200-203	6,004	3,263	2,741	5,403	2,949	2,454	601	314	287	543	287	256
210-239	5,830	2,739	3,091	5,159	2,432	2,727	671	307	364	602	274	328
250	114,739	51,595	63,144	98,791	45,061	53,730	15,948	6,534	9,414	14,327	5,722	8,605
260-269	24,166	11,420	12,746	20,798	9,561	11,237	3,368	1,859	1,509	3,040	1,676	1,364
280-285	31,787	14,216	17,571	26,698	11,755	14,943	5,089	2,461	2,628	4,676	2,250	2,426
320-322	1,659	870	789	1,273	675	598	386	195	191	354	185	169
390-448	413,925	213,330	200,595	353,981	181,564	172,417	59,944	31,766	28,178	54,803	28,891	25,912

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	447,465	225,342	222,123	383,121	191,911	191,210	64,344	33,431	30,913	58,844	30,366	28,478
390-398.....	4,652	1,654	2,998	4,311	1,516	2,795	341	138	203	284	119	165
402.....	17,131	7,561	9,570	13,651	6,000	7,651	3,480	1,561	1,919	3,296	1,474	1,822
404.....	1,370	566	804	1,020	417	603	350	149	201	334	141	193
410-414.....	101,285	52,556	48,729	92,187	47,957	44,230	9,098	4,599	4,499	8,149	4,034	4,115
410.....	26,238	14,379	11,859	23,107	12,774	10,333	3,131	1,605	1,526	2,838	1,426	1,412
411.....	5,058	2,907	2,151	4,542	2,602	1,940	516	305	211	470	274	196
413.....	5,201	2,588	2,613	4,849	2,435	2,414	352	153	199	324	139	185
412, 414.....	188,430	101,499	86,931	173,637	93,906	79,731	14,793	7,593	7,200	12,994	6,474	6,520
424.....	12,875	6,093	6,782	11,803	5,579	6,224	1,072	514	558	937	448	489
415-423, 425- 429.....	723,997	361,800	362,197	634,989	316,644	318,345	89,008	45,156	43,852	81,054	40,623	40,431
401, 403.....	87,987	37,451	50,536	72,056	30,450	41,606	15,931	7,001	8,930	14,545	6,258	8,287
430-438.....	109,569	47,575	61,994	95,367	41,142	54,225	14,202	6,433	7,769	12,923	5,744	7,179
431-432.....	8,555	4,201	4,354	7,179	3,524	3,655	1,376	677	699	1,185	572	613

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, 1987

(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.....	12,639	5,513	7,126	10,941	4,724	6,217	1,698	789	909	1,533	702	831
434.1.....	1,657	679	978	1,525	620	905	132	59	73	108	52	56
430, 433, 435- 438.....	97,161	41,252	55,909	85,098	35,874	49,224	12,063	5,378	6,685	11,008	4,804	6,204
440.....	79,866	34,537	45,329	72,905	31,396	41,509	6,961	3,141	3,820	6,305	2,757	3,548
441-448.....	20,478	11,127	9,351	18,544	10,193	8,351	1,934	934	1,000	1,778	837	941
466.....	1,345	673	672	1,264	622	642	81	51	30	64	39	25
480-487.....	117,289	64,022	53,267	105,189	56,671	48,518	12,100	7,351	4,749	10,705	6,502	4,203
480-486.....	116,971	63,890	53,081	104,891	56,547	48,344	12,080	7,343	4,737	10,689	6,496	4,193
487.....	318	132	186	298	124	174	20	8	12	16	6	10
490-496.....	102,001	65,880	36,121	94,492	60,700	33,792	7,509	5,180	2,329	6,710	4,628	2,082
490-491.....	4,735	2,478	2,257	4,388	2,271	2,117	347	207	140	292	174	118
492.....	17,089	11,807	5,282	15,973	10,925	5,048	1,116	882	234	1,008	797	211
493.....	5,044	2,063	2,981	4,198	1,712	2,486	846	351	495	728	296	432
494-496.....	76,237	50,080	26,157	70,926	46,276	24,650	5,311	3,804	1,507	4,770	3,416	1,354
531-533.....	10,265	5,562	4,703	9,266	4,962	4,304	999	600	399	841	495	346

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, 1987

(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.....	448	227	221	387	194	193	61	33	28	54	29	25
550-553, 560.....	13,242	5,201	8,041	11,736	4,532	7,204	1,506	669	837	1,377	610	767
571.....	13,547	9,053	4,494	11,382	7,621	3,761	2,165	1,432	733	1,892	1,264	628
574-575.....	4,784	2,037	2,747	4,307	1,834	2,473	477	203	274	409	167	242
580-589.....	90,997	48,629	42,368	76,545	41,219	35,326	14,452	7,410	7,042	13,109	6,644	6,465
580-581.....	830	404	426	682	330	352	148	74	74	134	66	68
582-583, 587.....	2,839	1,573	1,266	2,263	1,253	1,010	576	320	256	544	304	240
584-586, 588-589..	88,749	47,386	41,363	74,790	40,245	34,545	13,959	7,141	6,818	12,639	6,384	6,255
590.....	2,344	933	1,411	2,037	796	1,241	307	137	170	272	127	145
600.....	1,661	1,661	...	1,491	1,491	...	170	170	...	156	156	...
630-676.....	51	...	51	30	...	30	21	...	21	16	...	16
630-638.....	10	...	10	4	...	4	6	...	6	5	...	5
640-676.....	45	...	45	30	...	30	15	...	15	11	...	11
740-759.....	4,434	2,407	2,027	3,710	2,015	1,695	724	392	332	617	321	296
760-779.....	5,952	3,278	2,674	4,423	2,462	1,961	1,529	816	713	1,329	719	610

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, 1987

(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.....	1,867	1,063	804	1,315	746	569	552	317	235	481	281	200
760-766, 770-779..	9,800	5,643	4,157	7,024	4,090	2,934	2,776	1,553	1,223	2,510	1,410	1,100
780-799.....	408,181	206,088	202,093	358,273	179,439	178,834	49,908	26,649	23,259	45,079	23,933	21,146
RESIDUAL.....	400,093	196,617	203,476	349,631	169,737	179,894	50,462	26,880	23,582	45,436	24,009	21,427
E800-E949.....	59,621	30,204	29,417	53,114	26,629	26,485	6,507	3,575	2,932	5,822	3,193	2,629
E810-E815.....	824	618	206	729	547	182	95	71	24	81	63	18
E800-E807, E816- E949.....	59,151	29,849	29,302	52,701	26,315	26,386	6,450	3,534	2,916	5,766	3,150	2,616
E950-E959.....	173	140	33	159	129	30	14	11	3	9	8	1
E960-E978.....	163	115	48	105	70	35	58	45	13	54	43	11
E980-E999.....	226	154	72	162	114	48	64	40	24	60	37	23
N800-N999.....	199,610	131,963	67,647	165,575	107,546	58,029	34,035	24,417	9,618	29,876	21,532	8,344
N800-N848.....	33,442	17,458	15,984	30,423	15,450	14,973	3,019	2,008	1,011	2,545	1,720	825
N850-N854.....	35,989	25,871	10,118	30,404	21,685	8,719	5,585	4,186	1,399	4,721	3,555	1,166
N860-N869.....	23,119	17,055	6,064	18,921	13,747	5,174	4,198	3,308	890	3,664	2,927	737
N870-N897.....	37,547	30,782	6,765	27,294	22,272	5,022	10,253	8,510	1,743	9,589	7,983	1,606

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, 1987

(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.....	4,295	3,189	1,106	3,307	2,390	917	988	799	189	895	732	163
N905-N909.....	2,741	1,607	1,134	2,350	1,317	1,033	391	290	101	346	257	89
N910-N929.....	1,883	1,314	569	1,582	1,089	493	301	225	76	256	196	60
N930-N939.....	14,193	7,801	6,392	12,006	6,511	5,495	2,187	1,290	897	1,958	1,140	818
N940-N949.....	4,233	2,774	1,459	3,033	2,024	1,009	1,200	750	450	1,101	679	422
N950-N957.....	2,038	1,507	531	1,591	1,142	449	447	365	82	401	334	67
N958-N959.....	33,195	23,065	10,130	27,475	18,874	8,601	5,720	4,191	1,529	4,757	3,551	1,206
N960-N995.....	36,181	25,063	11,118	28,908	19,968	8,940	7,273	5,095	2,178	6,262	4,373	1,889
N996-N999.....	26,657	14,533	12,124	23,427	12,854	10,573	3,230	1,679	1,551	2,916	1,497	1,419
*O42-*O44 ^{3/}	1,585	1,386	199	1,053	961	92	532	425	107	521	415	106

1/ INCLUDES BLACK

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

3/ INCLUDED IN REM. 001 - 139.

- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1987

(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.....	34	18	16	28	14	14	6	4	2	5	4	1
007-009.....	611	325	286	497	259	238	114	66	48	104	58	46
010-018.....	4,115	2,720	1,395	2,646	1,730	916	1,469	990	479	1,270	874	396
010-012.....	3,311	2,311	1,000	2,153	1,486	667	1,158	825	333	1,005	730	275
013-018.....	851	442	409	515	260	255	336	182	154	287	161	126
033.....	5	1	4	4	1	3	1	-	1	1	-	1
034-035.....	24	12	12	22	12	10	2	-	2	2	-	2
036.....	286	153	133	216	115	101	70	38	32	68	36	32
038.....	99,342	47,507	51,835	81,456	38,618	42,838	17,886	8,889	8,997	16,577	8,192	8,385
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	7	5	2	7	5	2	-	-	-	-	-	-
070.....	1,830	1,172	658	1,399	902	497	431	270	161	291	173	118
090-097.....	298	174	124	156	89	67	142	85	57	138	81	57
REM. 001 - 139 <u>2/</u>	27,796	20,160	7,636	20,786	15,155	5,631	7,010	5,005	2,005	6,663	4,791	1,872
140-208.....	544,037	293,608	250,429	478,732	256,633	222,099	65,305	36,975	28,330	59,308	33,657	25,651

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, 1987

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

CAUSL OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER <u>1/</u>			BLACK		
	TOTAL	MALE	FFEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
140-149.....	9,743	6,536	3,207	8,223	5,393	2,830	1,520	1,143	377	1,376	1,029	347
150-159.....	133,719	70,551	63,168	116,012	60,854	55,158	17,707	9,697	8,010	15,607	8,424	7,183
160-165.....	148,715	100,790	47,925	131,437	88,301	43,136	17,278	12,489	4,789	15,877	11,573	4,304
174-175.....	49,368	404	48,964	44,043	345	43,698	5,325	59	5,266	4,928	55	4,873
179-187.....	65,816	39,330	26,486	56,177	33,217	22,960	9,639	6,113	3,526	9,040	5,821	3,219
188-189.....	24,498	16,110	8,388	22,403	14,857	7,546	2,095	1,253	842	1,909	1,127	782
170-173, 190-199	193,492	101,832	91,660	171,260	89,647	81,613	22,232	12,185	10,047	20,319	11,187	9,132
204-208.....	21,923	12,050	9,873	19,882	10,951	8,931	2,041	1,099	942	1,780	960	820
200-203.....	32,680	17,162	15,518	29,312	15,351	13,961	3,368	1,811	1,557	3,050	1,647	1,403
210-239.....	12,662	5,954	6,708	11,193	5,247	5,946	1,469	707	762	1,315	628	687
250.....	153,270	67,831	85,439	130,185	58,613	71,572	23,085	9,218	13,867	20,824	8,110	12,714
260-269.....	27,672	12,882	14,790	23,784	10,749	13,035	3,888	2,133	1,755	3,523	1,934	1,589
280-285.....	35,636	15,905	19,731	29,747	13,037	16,710	5,889	2,868	3,021	5,428	2,634	2,794
320-322.....	2,839	1,528	1,311	2,099	1,145	954	740	383	357	678	357	321
390-448.....	1,378,486	683,836	694,650	1,208,278	597,342	610,936	170,208	86,494	83,714	155,855	78,150	77,705

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, 1987

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
390-398, 402, 404-429.....	1,208,110	610,686	597,424	1,059,103	534,080	525,023	149,007	76,606	72,401	136,633	69,321	67,312
390-398.....	11,043	3,588	7,455	10,188	3,283	6,905	855	305	550	696	251	445
402.....	35,657	15,662	19,995	26,891	11,596	15,295	8,766	4,066	4,700	8,317	3,849	4,468
404.....	774	288	486	676	241	435	98	47	51	97	47	50
410-414.....	613,421	320,313	293,108	558,875	292,418	266,457	54,546	27,895	26,651	49,219	24,555	24,664
410.....	279,777	154,630	125,147	253,914	141,206	112,708	25,863	13,424	12,439	23,290	11,770	11,520
411.....	8,590	4,980	3,610	7,549	4,352	3,197	1,041	628	413	952	564	388
413.....	6,233	3,060	3,173	5,768	2,864	2,904	465	196	269	431	179	252
412, 414....	442,462	226,460	216,002	405,591	207,755	197,836	36,871	18,705	18,166	33,023	16,322	16,701
424.....	23,871	11,095	12,776	21,807	10,112	11,695	2,064	983	1,081	1,833	868	965
415-423, 425- 429.....	936,140	464,356	471,784	814,969	402,560	412,409	121,171	61,796	59,375	111,190	56,034	55,156
401, 403.....	103,421	43,810	59,611	83,811	35,210	48,601	19,610	8,600	11,010	18,048	7,768	10,280
430-438.....	259,390	106,630	152,760	225,406	91,374	134,032	33,984	15,256	18,728	30,826	13,597	17,229
431-432.....	29,994	13,839	16,155	24,738	11,169	13,569	5,256	2,670	2,586	4,532	2,290	2,242

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, 1987

(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..	35,283	14,369	20,914	31,120	12,456	18,664	4,163	1,913	2,250	3,798	1,711	2,087
434.1.....	2,396	984	1,412	2,196	898	1,298	200	86	114	169	76	93
430, 433, 435- 438.....	208,807	84,303	124,504	182,536	72,879	109,657	26,271	11,424	14,847	23,963	10,218	13,745
440.....	112,347	47,246	65,101	102,940	43,060	59,880	9,407	4,186	5,221	8,542	3,688	4,854
441-448.....	47,686	27,233	20,453	42,999	24,922	18,077	4,687	2,311	2,376	4,239	2,015	2,224
466.....	2,173	1,095	1,078	2,014	1,004	1,010	159	91	68	132	73	59
480-487.....	189,255	99,477	89,778	169,195	87,434	81,761	20,060	12,043	8,017	17,777	10,684	7,093
480-486.....	188,577	99,215	89,362	168,564	87,192	81,372	20,013	12,023	7,990	17,742	10,668	7,074
487.....	950	384	566	893	360	533	57	24	33	38	16	22
490-496.....	180,448	112,959	67,489	167,220	104,028	63,192	13,228	8,931	4,297	11,767	7,949	3,818
490-491.....	8,353	4,382	3,971	7,800	4,056	3,744	553	326	227	464	275	189
492.....	33,223	22,002	11,221	31,216	20,453	10,763	2,007	1,549	458	1,790	1,385	405
493.....	9,520	3,862	5,658	7,630	3,020	4,610	1,890	842	1,048	1,656	728	928
494-496.....	138,628	88,141	50,487	129,201	81,523	47,678	9,427	6,618	2,809	8,410	5,907	2,503
531-533.....	16,628	8,757	7,871	15,011	7,793	7,218	1,617	964	653	1,384	811	573

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, 1987

(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.....	929	482	447	765	397	368	164	85	79	149	76	73
550-553, 560.....	18,789	7,292	11,497	16,603	6,281	10,322	2,186	1,011	1,175	2,012	932	1,080
571.....	39,466	25,906	13,560	32,942	21,648	11,294	6,524	4,258	2,266	5,737	3,792	1,945
574-575.....	7,828	3,339	4,489	7,039	3,020	4,019	789	319	470	673	257	416
580-589.....	125,612	65,110	60,502	103,660	54,207	49,453	21,952	10,903	11,049	20,090	9,860	10,230
580-581.....	1,252	592	660	1,017	473	544	235	119	116	206	101	105
582-583, 587....	5,315	2,735	2,580	4,241	2,186	2,055	1,074	549	525	995	510	485
584-586, 588-589	120,946	62,717	58,229	99,993	52,318	47,675	20,953	10,399	10,554	19,161	9,388	9,773
590.....	4,292	1,531	2,761	3,740	1,307	2,433	552	224	328	491	208	283
600.....	2,122	2,122	...	1,897	1,897	...	225	225	...	206	206	...
630-676.....	302	...	302	183	...	183	119	...	119	107	...	107
630-638.....	54	...	54	29	...	29	25	...	25	23	...	23
640-676.....	252	...	252	158	...	158	94	...	94	84	...	84
740-759.....	16,815	9,027	7,788	13,662	7,394	6,268	3,153	1,633	1,520	2,698	1,409	1,289
760-779.....	24,197	13,737	10,460	15,850	9,033	6,817	8,347	4,704	3,643	7,708	4,332	3,376

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, 1987

(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.....	6,254	3,744	2,510	4,313	2,612	1,701	1,941	1,132	809	1,784	1,041	743
760-766, 770-779	23,675	13,433	10,242	15,465	8,804	6,661	8,210	4,629	3,581	7,591	4,266	3,325
780-799.....	444,090	225,364	218,726	386,320	194,298	192,022	57,770	31,066	26,704	52,353	28,017	24,336
RESIDUAL.....	584,938	284,697	300,241	507,605	243,850	263,755	77,333	40,847	36,486	70,053	36,769	33,284
E800-E949.....	154,638	95,018	59,620	132,922	80,563	52,359	21,716	14,455	7,261	18,598	12,352	6,246
E810-E825.....	49,112	34,521	14,591	42,309	29,563	12,746	6,803	4,958	1,845	5,367	3,976	1,391
E800-E807, E826-E949.....	105,879	60,760	45,119	90,929	51,233	39,696	14,950	9,527	5,423	13,255	8,396	4,859
E950-E959.....	30,969	24,412	6,557	28,376	22,317	6,059	2,593	2,095	498	1,972	1,643	329
E960-E978.....	21,266	15,970	5,296	11,233	8,049	3,184	10,033	7,921	2,112	9,541	7,561	1,980
E980-E999.....	3,249	2,350	899	2,356	1,680	676	893	670	223	814	607	207
N800-N999.....	199,610	131,963	67,647	165,575	107,546	58,029	34,035	24,417	9,618	29,876	21,532	8,344
N800-N848.....	33,442	17,458	15,984	30,423	15,450	14,973	3,019	2,008	1,011	2,545	1,720	825
N850-N854.....	35,989	25,871	10,118	30,404	21,685	8,719	5,585	4,186	1,399	4,721	3,555	1,166
N860-N869.....	23,119	17,055	6,064	18,921	13,747	5,174	4,198	3,308	890	3,664	2,927	737
N870-N897.....	37,547	30,782	6,765	27,294	22,272	5,022	10,253	8,510	1,743	9,589	7,983	1,606

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, 1987

(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	4,295	3,189	1,106	3,307	2,390	917	988	799	189	895	732	163
N905-N909	2,741	1,607	1,134	2,350	1,317	1,033	391	290	101	346	257	89
N910-N929	1,883	1,314	569	1,582	1,089	493	301	225	76	256	196	60
N930-N939	14,193	7,801	6,392	12,006	6,511	5,495	2,187	1,290	897	1,958	1,140	818
N940-N949	4,233	2,774	1,459	3,033	2,024	1,009	1,200	750	450	1,101	679	422
N950-N957	2,038	1,507	531	1,591	1,142	449	447	365	82	401	334	67
N958-N959	33,195	23,065	10,130	27,475	18,874	8,601	5,720	4,191	1,529	4,757	3,551	1,206
N960-N995	36,181	25,063	11,118	28,908	19,968	8,940	7,273	5,095	2,178	6,262	4,373	1,889
N996-N999	26,657	14,533	12,124	23,427	12,854	10,573	3,230	1,679	1,551	2,916	1,497	1,419
*042-*044 ^{3/}	15,054	13,475	1,579	10,382	9,662	720	4,672	3,813	859	4,561	3,716	845

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, 1987

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,123,323	1,107,958	1,015,365	1,843,067	953,382	889,685	280,256	154,576	125,680	254,814	139,551	115,263
UNDER 1 YR....	38,408	21,798	16,610	25,810	14,763	11,047	12,598	7,035	5,563	11,461	6,391	5,070
01-04 YR.....	7,473	4,261	3,212	5,428	3,117	2,311	2,045	1,144	901	1,785	999	786
05-09 YR.....	4,301	2,636	1,665	3,245	2,002	1,243	1,056	634	422	905	541	364
10-14 YR.....	4,442	2,943	1,499	3,382	2,231	1,151	1,060	712	348	896	606	290
15-19 YR.....	15,615	11,253	4,362	12,493	8,912	3,581	3,122	2,341	781	2,706	2,028	678
20-24 YR.....	22,408	16,978	5,430	16,950	12,928	4,022	5,458	4,050	1,408	4,791	3,560	1,231
25-29 YR.....	26,500	19,415	7,085	19,710	14,562	5,148	6,790	4,853	1,937	6,110	4,367	1,743
30-34 YR.....	31,201	22,318	8,883	22,408	16,279	6,129	8,793	6,039	2,754	8,108	5,569	2,539
35-39 YR.....	34,902	24,048	10,854	25,183	17,461	7,722	9,719	6,587	3,132	8,957	6,088	2,869
40-44 YR.....	38,561	25,301	13,260	29,112	19,203	9,909	9,449	6,098	3,351	8,598	5,578	3,020
45-49 YR.....	47,613	30,122	17,491	36,709	23,333	13,376	10,904	6,789	4,115	9,933	6,189	3,744
50-54 YR.....	68,307	42,735	25,572	53,975	34,078	19,897	14,332	8,657	5,675	13,068	7,925	5,143
55-59 YR.....	107,583	67,093	40,490	88,913	56,006	32,907	18,670	11,087	7,583	16,966	10,096	6,870
60-64 YR.....	165,741	101,309	64,432	140,201	86,542	53,659	25,540	14,767	10,773	23,540	13,590	9,950
65-69 YR.....	220,110	131,122	88,988	190,472	114,258	76,214	29,638	16,864	12,774	27,268	15,475	11,793
70-74 YR.....	265,993	151,935	114,058	234,828	135,122	99,706	31,165	16,813	14,352	28,421	15,177	13,244
75-79 YR.....	296,714	155,809	140,905	265,687	139,916	125,771	31,027	15,893	15,134	28,242	14,165	14,077
80-84 YR.....	287,621	131,142	156,479	261,500	119,096	142,404	26,121	12,046	14,075	23,687	10,600	13,087
85 AND OV....	439,248	145,331	293,917	406,652	133,284	273,368	32,596	12,047	20,549	29,222	10,506	18,716
NOT STATED...	582	409	173	409	289	120	173	120	53	150	101	49

^{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, 1987

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.....	2,123,323	1,107,958	1,015,365	1,843,067	953,382	889,685	280,256	154,576	125,680	254,814	139,551	115,263
ALABAMA.....	37,708	20,062	17,646	27,657	14,820	12,837	10,051	5,242	4,809	10,022	5,229	4,793
ALASKA.....	2,055	1,324	731	1,433	931	502	622	393	229	55	32	23
ARIZONA.....	26,969	15,108	11,861	25,134	13,995	11,139	1,835	1,113	722	635	375	260
ARKANSAS.....	24,429	13,228	11,201	20,406	11,055	9,351	4,023	2,173	1,850	3,990	2,152	1,838
CALIFORNIA.....	209,424	110,199	99,225	184,473	95,846	88,627	24,951	14,353	10,598	16,778	9,430	7,348
COLORADO.....	21,093	11,017	10,076	20,239	10,566	9,673	854	451	403	702	370	332
CONNECTICUT.....	28,327	14,261	14,066	26,536	13,208	13,328	1,791	1,053	738	1,728	1,018	710
DELAWARE.....	5,603	2,872	2,731	4,720	2,414	2,306	883	458	425	868	454	414
DISTRICT OF COLUMBIA.....	7,430	3,975	3,455	1,898	904	994	5,532	3,071	2,461	5,490	3,046	2,444
FLORIDA.....	127,290	69,706	57,584	113,063	61,640	51,423	14,227	8,066	6,161	13,968	7,903	6,065
GEORGIA.....	50,199	26,526	23,673	36,185	19,133	17,052	14,014	7,393	6,621	13,912	7,341	6,571
HAWAII.....	6,224	3,682	2,542	1,938	1,142	796	4,286	2,540	1,746	59	46	13
IDAHO.....	7,343	3,975	3,368	7,240	3,915	3,325	103	60	43	13	9	4
ILLINOIS.....	102,314	52,042	50,272	87,077	43,615	43,462	15,237	8,427	6,810	14,819	8,198	6,621
INDIANA.....	48,906	25,214	23,692	45,291	23,204	22,087	3,615	2,010	1,605	3,576	1,986	1,590
IOWA.....	27,234	13,824	13,410	26,867	13,630	13,237	367	194	173	301	154	147
KANSAS.....	22,113	11,226	10,887	20,931	10,566	10,365	1,182	660	522	1,073	594	479
KENTUCKY.....	34,598	18,463	16,135	32,024	17,122	14,902	2,574	1,341	1,233	2,549	1,324	1,225
LOUISIANA.....	36,443	19,366	17,077	24,760	13,150	11,610	11,683	6,216	5,467	11,564	6,141	5,423
MAINE.....	11,282	5,743	5,539	11,234	5,717	5,517	48	26	22	12	9	3
MARYLAND.....	38,034	19,680	18,354	29,150	14,700	14,450	8,884	4,980	3,904	8,620	4,833	3,787
MASSACHUSETTS.....	55,599	27,049	28,550	53,561	25,907	27,654	2,038	1,142	896	1,786	999	787

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, 1987 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MICHIGAN.....	79,622	41,482	38,140	67,756	34,736	33,020	11,866	6,746	5,120	11,584	6,586	4,998
MINNESOTA.....	34,524	17,533	16,991	33,749	17,078	16,671	775	455	320	418	249	169
MISSISSIPPI.....	24,634	13,184	11,450	15,911	8,495	7,416	8,723	4,689	4,034	8,644	4,635	4,009
MISSOURI.....	50,695	25,913	24,782	45,519	23,088	22,431	5,176	2,825	2,351	5,102	2,783	2,319
MONTANA.....	6,613	3,599	3,014	6,288	3,406	2,882	325	193	132	6	4	2
NEBRASKA.....	14,827	7,607	7,220	14,328	7,328	7,000	499	279	220	376	203	173
NEVADA.....	7,884	4,529	3,355	7,323	4,225	3,098	561	304	257	375	207	168
NEW HAMPSHIRE.....	8,417	4,259	4,158	8,387	4,239	4,148	30	20	10	18	14	4
NEW JERSEY.....	72,181	37,054	35,127	62,947	31,891	31,056	9,234	5,163	4,071	8,800	4,893	3,907
NEW MEXICO.....	10,344	5,665	4,679	9,413	5,102	4,311	931	563	368	192	107	85
NEW YORK.....	173,567	88,360	85,207	148,003	74,084	73,919	25,564	14,276	11,288	24,019	13,353	10,666
NORTH CAROLINA.....	55,316	29,444	25,872	41,750	22,036	19,714	13,566	7,408	6,158	13,118	7,145	5,973
NORTH DAKOTA.....	5,483	3,038	2,445	5,313	2,935	2,378	170	103	67	1	1	-
OHIO.....	99,240	50,296	48,944	89,036	44,818	44,218	10,204	5,478	4,726	10,033	5,384	4,649
OKLAHOMA.....	29,290	15,271	14,019	26,224	13,591	12,633	3,066	1,680	1,386	1,973	1,071	902
OREGON.....	24,265	12,720	11,545	23,672	12,390	11,282	593	330	263	302	172	130
PENNSYLVANIA.....	125,436	63,635	61,801	113,360	57,148	56,212	12,076	6,487	5,589	11,867	6,360	5,507
RHODE ISLAND.....	9,703	4,797	4,906	9,404	4,621	4,783	299	176	123	246	138	108
SOUTH CAROLINA.....	28,493	15,158	13,335	19,452	10,289	9,163	9,041	4,869	4,172	9,008	4,853	4,155
SOUTH DAKOTA.....	6,672	3,508	3,164	6,239	3,280	2,959	433	228	205	10	3	7
TENNESSEE.....	44,919	23,853	21,066	37,342	19,815	17,527	7,577	4,038	3,539	7,531	4,015	3,516
TEXAS.....	120,022	64,672	55,350	103,973	55,873	48,100	16,049	8,799	7,250	15,556	8,507	7,049
UTAH.....	9,120	4,802	4,318	8,921	4,675	4,246	199	127	72	55	36	19
VERMONT.....	4,768	2,366	2,402	4,751	2,357	2,394	17	9	8	10	5	5

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, 1987 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VIRGINIA.....	46,665	24,467	22,198	36,190	18,704	17,486	10,475	5,763	4,712	10,247	5,622	4,625
WASHINGTON.....	35,022	18,249	16,773	33,418	17,315	16,103	1,604	934	670	748	466	282
WEST VIRGINIA.....	19,767	10,445	9,322	18,984	10,051	8,933	783	394	389	773	388	385
WISCONSIN.....	42,172	21,846	20,326	40,639	21,022	19,617	1,533	824	709	1,261	694	567
WYOMING.....	3,045	1,664	1,381	2,958	1,610	1,348	87	54	33	21	14	7

^{1/} INCLUDES BLACK
QUANTITY = 0

- 1 -
MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 12

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1987

(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.....	2,126,342	196,512	170,579	186,971	175,488	175,098	167,548	172,202	170,290	165,068	180,965	175,900	189,721
ALABAMA.....	37,608	3,648	2,985	3,424	3,110	2,978	2,979	2,993	2,993	2,944	3,254	3,014	3,286
ALASKA.....	2,068	179	136	168	141	180	181	199	170	170	172	190	182
ARIZONA.....	27,628	2,666	2,429	2,531	2,364	2,209	2,106	2,148	2,094	2,001	2,138	2,311	2,631
ARKANSAS.....	24,188	2,191	1,977	2,107	2,064	2,018	1,995	1,963	1,893	1,849	2,051	1,943	2,137
CALIFORNIA.....	210,171	19,540	16,910	18,731	17,473	17,106	16,680	16,537	16,651	16,230	17,354	17,445	19,514
COLORADO.....	21,565	2,093	1,697	1,830	1,808	1,659	1,733	1,728	1,722	1,666	1,835	1,832	1,962
CONNECTICUT.....	28,386	2,689	2,257	2,402	2,273	2,337	2,113	2,338	2,219	2,224	2,433	2,511	2,590
DELAWARE.....	5,699	515	478	499	444	461	444	486	514	427	486	467	478
DISTRICT OF COLUMBIA.....	9,438	865	741	818	796	766	749	790	719	750	871	780	793
FLORIDA.....	128,365	12,303	10,942	11,724	11,058	10,549	9,960	9,937	10,109	9,498	10,348	10,341	11,596
GEORGIA.....	50,877	4,866	4,123	4,417	4,123	4,075	3,929	4,016	4,106	3,961	4,387	4,251	4,623
HAWAII.....	6,490	628	531	602	579	515	503	518	482	513	527	525	567
IDAHO.....	6,975	596	489	591	588	592	616	593	586	547	589	542	646
ILLINOIS.....	99,530	8,932	7,875	8,716	8,003	8,197	7,688	8,143	8,010	8,048	8,550	8,232	9,136
INDIANA.....	49,336	4,395	4,002	4,332	4,015	4,054	3,821	3,953	3,897	4,059	4,379	4,128	4,301
IOWA.....	26,947	2,463	2,173	2,410	2,245	2,145	2,042	2,118	2,197	2,131	2,372	2,226	2,425
KANSAS.....	21,485	2,017	1,714	1,790	1,808	1,714	1,645	1,757	1,648	1,708	1,912	1,772	2,000
KENTUCKY.....	34,005	3,182	2,681	2,968	2,819	2,850	2,568	2,592	2,709	2,554	2,971	2,892	3,219
LOUISIANA.....	36,757	3,499	2,985	3,175	3,177	3,079	2,845	2,929	2,957	2,834	3,125	2,934	3,218
MAINE.....	11,229	963	896	1,048	889	961	895	910	958	902	925	928	954
MARYLAND.....	37,292	3,382	2,885	3,368	2,954	3,056	2,934	3,169	2,980	2,892	3,200	3,226	3,246
MASSACHUSETTS.....	56,190	5,083	4,507	4,902	4,503	4,843	4,347	4,730	4,568	4,301	4,867	4,662	4,877
MICHIGAN.....	78,644	6,929	6,415	6,674	6,494	6,573	6,282	6,754	6,605	6,208	6,567	6,394	6,749

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, 1987

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
MINNESOTA.....	34,813	3,146	2,766	2,919	2,879	2,893	2,790	2,802	2,721	2,764	3,137	2,869	3,127
MISSISSIPPI.....	23,824	2,283	1,879	2,038	2,017	1,952	1,894	1,910	1,927	1,823	2,052	2,004	2,045
MISSOURI.....	52,016	5,000	4,290	4,475	4,348	4,202	4,000	4,038	4,194	3,995	4,404	4,268	4,802
MONTANA.....	6,512	626	454	548	554	537	510	535	552	534	557	537	568
NEBRASKA.....	15,003	1,373	1,258	1,312	1,216	1,201	1,163	1,193	1,205	1,180	1,317	1,243	1,342
NEVADA.....	8,534	749	701	732	720	681	703	680	727	650	697	702	792
NEW HAMPSHIRE.....	8,314	712	655	672	641	658	653	701	736	674	732	747	733
NEW JERSEY.....	70,446	6,727	5,648	6,066	5,686	5,849	5,538	5,680	5,677	5,437	6,131	5,884	6,123
NEW MEXICO.....	10,418	971	856	912	854	836	807	840	818	846	882	874	922
NEW YORK.....	172,714	15,742	13,646	14,785	13,937	14,532	13,974	14,524	13,749	13,419	15,041	14,397	14,968
NORTH CAROLINA.....	55,650	5,122	4,434	4,810	4,617	4,654	4,347	4,673	4,374	4,364	4,840	4,538	4,877
NORTH DAKOTA.....	5,826	493	445	505	507	445	488	433	475	480	534	512	509
OHIO.....	99,001	8,963	7,880	8,974	8,126	8,193	7,832	8,259	7,963	7,731	8,412	8,199	8,469
OKLAHOMA.....	28,287	2,685	2,322	2,521	2,360	2,305	2,179	2,261	2,264	2,148	2,362	2,312	2,568
OREGON.....	24,362	2,139	1,817	2,138	2,061	1,970	2,034	2,031	2,007	1,929	1,995	1,947	2,294
PENNSYLVANIA.....	125,904	11,529	10,076	11,239	10,300	10,581	9,876	10,290	10,061	9,764	10,728	10,562	10,898
RHODE ISLAND.....	9,897	898	812	899	802	853	755	795	756	743	850	841	893
SOUTH CAROLINA.....	27,630	2,571	2,165	2,498	2,353	2,269	2,103	2,211	2,154	2,119	2,427	2,235	2,525
SOUTH DAKOTA.....	6,691	644	522	521	544	525	510	591	538	573	583	538	602
TENNESSEE.....	47,841	4,381	3,800	4,077	3,972	4,003	3,846	3,785	3,893	3,691	4,106	4,001	4,286
TEXAS.....	121,400	11,540	9,838	11,075	10,141	9,707	9,652	9,786	9,682	9,229	9,995	9,929	10,826
UTAH.....	9,450	861	715	791	785	803	756	783	762	757	795	772	870
VERMONT.....	4,902	436	422	428	384	409	384	402	377	384	437	432	407
VIRGINIA.....	46,012	4,316	3,629	4,037	3,851	3,853	3,698	3,678	3,699	3,489	3,860	3,770	4,132
WASHINGTON.....	35,194	3,129	2,694	3,122	2,902	2,898	2,927	2,828	2,832	2,790	2,977	2,934	3,161

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, 1987

(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.....	19,802	1,721	1,544	1,825	1,614	1,698	1,522	1,595	1,616	1,583	1,787	1,597	1,700
WISCONSIN.....	42,151	3,851	3,270	3,623	3,323	3,427	3,319	3,370	3,498	3,339	3,765	3,468	3,898
WYOMING.....	2,875	280	213	202	266	247	233	227	246	216	249	242	254

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

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

282 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
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			024	Viral diseases (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				064	Other viral diseases (046-049,051-054,057-061,065-066,071-079)
02900	1			058	Rickettsioses and other arthropod-borne diseases (080-088)
03000				042	Typhus and other rickettsioses (080-083)
03100				015	Malaria (084)
03200				046	All other arthropod-borne diseases (085-088)
03300	1			046	Syphilis and other venereal diseases (090-099)
03400	1			020	Syphilis (090-097)
03500				033	Cardiovascular syphilis (093)
03600				023	Neurosyphilis (094)
03700				040	All other syphilis (090-091,095-097)
03800				029	Gonococcal infections (098)
03900				031	Other venereal diseases (099)
04000	1			103	Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)
04100				019	Mycoses (110-118)
04200				025	Helminthiases (120-129)
04300				036	Late effects of tuberculosis (137)
04400				043	Late effects of acute poliomyelitis (138)
04500				127	All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)
04600	1			033	II. Neoplasms (140-239)
04700	1			089	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
04800	1			064	Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
04900				016	Of lip (140)
05000				019	Of tongue (141)
05100				026	Of pharynx (146-149.0)
05200				097	Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)

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

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

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

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

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

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

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

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

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

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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		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		047		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 Recode	S Limited Len- T Sex Age gth	Cause Title And ICD-9 Codes Included
010		035 Shigellosis and amebiasis (004,006)
020		045 Certain other intestinal infections (007-009)
030	1	022 Tuberculosis (010-018)
040		046 Tuberculosis of respiratory system (010-012)
050		030 Other tuberculosis (013-018)
060		020 Whooping cough (033)
070		063 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
080		029 Meningococcal infection (036)
090	3	016 Septicemia (038)
100		025 Acute poliomyelitis (045)
110		013 Measles (055)
120		021 Viral hepatitis (070)
130		018 Syphilis (090-097)
140		109 All other infectious and parasitic diseases (001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139)
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					Q21 Pneumonia (480-486)
530					017 Influenza (487)
540	1				070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
550					047 Bronchitis, chronic and unspecified (490-491)
560					017 Emphysema (492)
570					014 Asthma (493)
580					078 Other chronic obstructive pulmonary diseases and allied conditions (494-496)
590					039 Ulcer of stomach and duodenum (531-533)
600					022 Appendicitis (540-543)
610					093 Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
620					041 Chronic liver disease and cirrhosis (571)
630					059 Cholelithiasis and other disorders of gallbladder (574-575)
640	1				054 Nephritis, nephrotic syndrome, and nephrosis (580-589)
650					059 Acute glomerulonephritis and nephrotic syndrome (580-581)
660					138 Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)
670					118 Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)
680					026 Infections of kidney (590)
690	1				029 Hyperplasia of prostate (600)
700	1	2	2		068 Complications of pregnancy, childbirth, and the puerperium (630-676)
710		2	2		043 Pregnancy with abortive outcome (630-638)
720		2	2		076 Other complications of pregnancy, childbirth, and the puerperium (640-676)
730					030 Congenital anomalies (740-759)
740	1				064 Certain conditions originating in the perinatal period (760-779)
750					097 Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)
760					072 Other conditions originating in the perinatal period (760-766,770-779)
770					053 Symptoms, signs, and ill-defined conditions (780-799)
780					029 All other diseases (Residual)
790	1				041 Accidents and adverse effects (E800-E949)
800					037 Motor vehicle accidents (E810-E825)
810					063 All other accidents and adverse effects (E800-E807,E826-E949)
820		1			019 Suicide (E950-E959)
830					043 Homicide and legal intervention (E960-E978)
840					037 All other external causes (E980-E999)

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

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

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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)

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

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

34	S	Limited Len-			
Recode	T	Sex	Age	gth	Cause Title And ICD-9 Codes Included
010					022 Tuberculosis (010-018)
020					018 Syphilis (090-097)
030					071 Residual of infectious and parasitic diseases (001-009,020-088,098-139)
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

***** 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

1987 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES, 1986, 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, 1986, 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 1987 data year. Those modifications, which will appear in the printed version of the 1987 technical appendix, include the following:

I. Source of data

In 1987, all the States, the District of Columbia, and Puerto Rico were included in the VSCP.

State coded medical data:

For 1987, 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, North Carolina, Pennsylvania, South Carolina, Texas, Vermont, Virginia, and Wisconsin.

The remaining 28 VSCP States and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data: Alabama, Alaska, Arizona, Arkansas, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Indiana, Kentucky, Missouri, Montana, Nevada, New Jersey, New Mexico, North Dakota, Ohio, Oklahoma, Oregon, Rhode Island, South Dakota, Tennessee, Utah, Washington, West Virginia, and Wyoming.

All States submitted precoded demographic data for all death certificates on computer tape in 1987.

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 1987 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 1987, 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. The same areas provided this information for 1984-86. The first year for which these data appeared on the mortality public-use data tapes was 1984.

For 1987, mortality data published in Vital Statistics of the United States (VSUS) tables 1-33 and 2-18 are based on deaths to residents of all 22 reporting States and the District of Columbia. In tables 1-34, 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 1-33 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 the other three States--Maine, Nevada, and Tennessee--are excluded from tables 1-34, 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.

Infant mortality rates for Hispanic-origin population published in VSUS, 1987 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 18 reporting States and the District of Columbia.

Infant mortality rates for Hispanic-origin population published in VSUS, 1987 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 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 of Technical Appendix in VSUS entitled "Random variation in numbers of deaths, death rates, and mortality rates and ratios").

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.¹/ 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 1987 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 19 reporting States:

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

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

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

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 1987 occupation and industry mortality data will not appear in Vital Statistics of the United States, 1987.

C. Cause of death: HIV infection.

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). They are included, but not shown separately, in the category All other infectious and parasitic diseases in the List of 72 Selected Causes of Death.

Prior to 1987, deaths involving (HIV) infection were classified to Deficiency of cell-mediated immunity (ICD No. 279.1) contained in the category All other diseases; to Pneumocystosis (ICD-9 No. 136.3) contained in the category All other infectious and parasitic diseases; to Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues; and to a number of other causes. As a consequence, cause-of-death data for 1987 are not strictly comparable with data for previous years.

For data years 1983-86, acquired immunodeficiency syndrome (AIDS) and human immunodeficiency virus (HIV) infection, when reported on the death certificate, were assigned to the category Deficiency of cell-mediated immunity (ICD-9 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 category No. 279.1 were often selected as the underlying cause of death during this period. Also, the category ICD-9 No. 279.1 was not uniquely specific for HIV conditions; it is believed that HIV infection was involved in most of the deaths assigned to this category.

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 1987 are based on populations estimated as of July 1, 1987.^{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 1984-87 incorporate new estimation procedures for net migration and net undocumented immigration. Death rates for 1987 are comparable with those for 1984, 1985, and 1986 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, D.C., Aug. 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. Government Printing Office, Oct. 1982.
4. U.S. Bureau of the Census: United States Population estimates, by age, sex, and race: 1980 to 1987. Current Population Reports. Series P-25, No. 1022. Washington: U.S. Government Printing Office, Mar. 1988.
5. U.S. Bureau of the Census: State population and household estimates, with age, sex, and components of change: 1981-87. Current Population Reports. Series P-25, No. 1024. Washington: U.S. Government Printing Office, 1988.
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. Government Printing Office, July 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. Government Printing Office, March 1985.

SOURCES OF DATA

Death and fetal-death statistics

Mortality statistics for 1986 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 1973-76 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	Florida	1977	Alaska Idaho Massachusetts New York City Ohio Puerto Rico
1972	Maine Missouri New Hampshire Rhode Island Vermont	1975	Indiana Utah Washington
1973	Colorado Michigan New York (except New York City)	1979	Connecticut Hawaii Mississippi New Jersey Pennsylvania Wyoming
1974	Illinois Iowa Kansas Montana Nebraska Oregon South Carolina	1980	Arkansas New Mexico South Dakota
1975	Louisiana Maryland North Carolina Oklahoma Tennessee Virginia Wisconsin	1982	North Dakota
1976	Alabama Kentucky Minnesota Nevada Texas West Virginia	1985	Arizona California Delaware Georgia District of Columbia

For the Virgin Islands and Guam mortality statistics for 1986 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	
1975	1983
Louisiana	Minnesota
Nebraska	
North Carolina	1984
Virginia	Maryland
Wisconsin	New York State (except New York City)
1980	Vermont
Colorado	
Kansas	1986
Massachusetts	California
Mississippi	Florida
New Hampshire	Texas
Pennsylvania	
South Carolina	

For 1986 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 1986. 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, 1975. 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 "Was Decedent Ever in U.S. Armed Forces?" The latter item was previously on the certificate but was deleted during 1966 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 nonreg-

SECTION 7 — TECHNICAL APPENDIX — PAGE 3

FIGURE 7-A.

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

Form Approved
OMB No. 68R 1901

STATE OF _____ COUNTY OF _____

DECEASED NAME: FIRST _____ MIDDLE _____ LAST _____ SEX _____ STATE AND COUNTY NUMBER _____ DATE OF DEATH: MONTH _____ DAY _____ YEAR _____

1 RACE: (as shown on American-English Births) _____ UNDER YEAR _____ UNDER DAY _____ DATE OF BIRTH: MONTH _____ DAY _____ YEAR _____ COUNTY OF BIRTH _____

2 CITY, TOWN OR LOCATION OF DEATH _____ HOSPITAL, OR OTHER INSTITUTION, NAME (if different from that of the decedent) _____ HOSPITAL OR INSTITUTION OF LONG TERM CARE (if applicable) _____

3 STATE OF BIRTH (State or U.S. Possession) _____ CITIZEN OF WHAT COUNTRY _____ MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify) _____ SURVIVING SPOUSE (If decedent was a widow) _____ WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify: Yes or No) _____

4 SOCIAL SECURITY NUMBER _____ USUAL OCCUPATION (Year dead or within three calendar months of death, but not of record) _____ KIND OF BUSINESS OR INDUSTRY _____

5 RESIDENCE: STATE _____ COUNTY _____ CITY, TOWN OR LOCATION _____ STREET AND NUMBER _____ INS. DEPT. NO. _____

6 FATHER NAME: FIRST _____ MIDDLE _____ LAST _____ MOTHER MAIDEN NAME: FIRST _____ MIDDLE _____ LAST _____

7 INFORMANT: NAME (Type of Person) _____ MAILING ADDRESS _____ STREET, APT. NO., CITY, STATE, ZIP _____

8 BURIAL, CREMATION, REMOVAL, OTHER (Specify) _____ CEMETERY OR CREMATORIAN NAME _____ LOCATION _____ CITY, STATE, ZIP _____

9 NATIONAL SERVICE LICENSE (If Federal or State) _____ NAME OF FACILITY _____ ADDRESS OF FACILITY _____

10 210 To the best of your knowledge, death occurred on the day and at the place stated in this certificate. 220 Of the death, sign your name, title, and address and date in the space provided. 221 If the death was pronounced dead in the home of the decedent, sign your name, title, and address and date in the space provided. 222 If the death was pronounced dead in a hospital, sign your name, title, and address and date in the space provided.

11 DATE SIGNED BY: _____ HOUR OF DEATH _____ DATE SIGNED BY: _____ HOUR OF DEATH _____

12 NAME OF ATTENDING PHYSICIAN OR OTHER THAN CERTIFIER (Type of Person) _____ PRONOUNCED DEAD IN HOME _____ PRONOUNCED DEAD IN HOSPITAL _____

13 NAME AND ADDRESS OF CERTIFIER (PHYSICIAN, MEDICAL EXAMINER OR CORONER) _____ 22c ON _____ 22c A* _____

14 REGISTRAR _____ DATE RECEIVED BY REGISTRAR: MONTH _____ DAY _____ YEAR _____

15 IMMEDIATE CAUSE: ENTER ONLY ONE CAUSE PER LINE FOR A, B AND C _____

16 PART 1: DUE TO OR AS A CONSEQUENCE OF _____ PART 2: DUE TO OR AS A CONSEQUENCE OF _____

17 PART 1: THERE IS NO PART 1 LISTED. CONDITIONS OF DEATH: _____ PART 2: THERE IS NO PART 2 LISTED. CONDITIONS OF DEATH: _____

18 ALL SUCCESSION UNDER _____ DATE OF INJURY: MONTH _____ DAY _____ HOUR OF INJURY _____ DESCRIBE HOW INJURY OCCURRED _____

19 PLACE OF INJURY: A. Name of the place _____ B. Street and number _____ C. City, town or location _____ D. State _____

20 _____

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istration 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 1986 are set forth in two instruction manuals (NCHS, 1986a, 1986b).

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

FIGURE 7-B.

Form Approved
OMB No. 68R 1901

U.S. STANDARD
REPORT OF FETAL DEATH

STATE _____ COUNTY _____

NAME OF DECEASED: 1. NAME 2. CITY/TOWN OR LOCATION OF DECEASED 3. STATE 4. COUNTY OF DECEASED

DATE OF DECEASE: 5. DATE OF DECEASE (Month Day Year) 6. HOUR OF DECEASE 7. SEX OF FETUS 8. WEIGHT OF FETUS

MOTHER - MARRIED NAME: 9. MIDDLE LAST 10. AGE AT TIME OF DEATH 11. RESIDENCE - STATE 12. COUNTY

CITY/TOWN OR LOCATION: 13. STREET AND NUMBER 14. RESIDENCE - CITY/TOWN OR LOCATION 15. RESIDENCE - STATE 16. COUNTY

RACE: 17. RACE OF DECEASED 18. EDUCATION 19. DATE LAST NORMAL MENSTRUATION BEGAN 20. DATE MOTHER MARRIED 21. LIVE BIRTHS 22. OTHER TERMINATIONS

MONTH OF PREGNANCY WHEN CARE BEGAN: 23. PRENATAL CARE BEGAN 24. PRENATAL CARE BEGAN 25. DATE OF LAST LIVE BIRTH 26. DATE OF LAST DEATH

FATHER NAME: 27. MIDDLE LAST 28. AGE AT TIME OF DEATH 29. RESIDENCE - STATE 30. COUNTY

IMMEDIATE CAUSE: 31. IMMEDIATE CAUSE 32. ENTER ON ONE CAUSE PER LINE FOR (a) AND (b) 33. Spontaneous abortion

OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: 34. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER 35. FETUS DIED BEFORE LABOR 36. PHYSICIAN'S ESTIMATE OF GESTATION 37. AUTOPSY

COMPLICATIONS OF PREGNANCY: 38. COMPLICATIONS OF PREGNANCY 39. COMPLICATIONS OF LABOR AND/OR DELIVERY 40. Spontaneous abortion

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY: 41. CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY 42. CONCLUSIONS, REFORMATIONS OR ANOMALIES OF FETUS 43. Spontaneous abortion

NAME OF PHYSICIAN OR ATTENDANT: 44. NAME OF PHYSICIAN OR ATTENDANT 45. NAME OF PERSON COMPLETING REPORT 46. 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 1986 this difference amounted to 3,023 deaths. Mortality statistics by place of occurrence are shown in tables 1-10, 1-18, 1-19, 1-28, 1-29, 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 (NCHS, 1969).

A comparison of the results of this study of deaths with those for a previous matched record study of births (National Vital Statistics Division, 1962) 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 (NCHS, 1986a, 1986b).

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 (NCHS, 1985). 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 (1981a, pp 1-20) 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 (U.S. Office of Management and Budget, 1981b, p. 420).

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 (1975, pp. 89-90; 1981b, p. 420).

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 1986 are classified according to the population enumerated in the 1950 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 1-32) 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 1986, about 0.5 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 1986, deaths are classified by race—white, black, Indian, Chinese, 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 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 1986 the number of death records for which race was unknown, not stated, or not classifiable was 4,583, or 0.2 percent of the total deaths. Death records with race entry not stated are assigned to a racial designation as follows: If the preceding record is coded white, the code assignment is made to white, if the code is other than white, the assignment is made to black. Before 1964 all records with race not stated were assigned to white except records of residents of New Jersey for 1962-64.

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

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

Hispanic origin

Mortality statistics for the Hispanic-origin population 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 1986, mortality data in tables 1-33 and 2-16 are based on deaths to residents of all 22 reporting States and the District of Columbia. In tables 1-34, 2-19, 2-20, and 2-21 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 1-33 and 1-34 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 the other three States—Maine, Nevada, and Tennessee—are excluded from tables 1-34, 2-19, 2-20, and 2-21 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 1986, the 18 reporting States and the District of Co-

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lumbia accounted for about 80 percent of the Hispanic population in the United States, including about 89 percent of the Mexican population, 76 percent of the Puerto Rican population, 34 percent of the Cuban population, and 66 percent of the "Other Hispanic" population (U.S. Bureau of the Census, 1962a). 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 qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

Marital status

Mortality statistics by marital status (table 1-31) 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 (NCHS, 1970). 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 2,049,203 resident deaths 15 years of age and over in 1966, 10,171 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 1-28 and 1-29). 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 1-28). 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 1-28 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	Nevada
Arizona	New Hampshire
Arkansas	New Jersey
Colorado	New Mexico
Connecticut	New York
Florida	North Carolina
Georgia	North Dakota
Hawaii	Ohio
Idaho	Oregon
Illinois	Pennsylvania
Indiana	Rhode Island
Iowa	South Carolina
Kansas	South Dakota
Kentucky	Tennessee
Louisiana	Utah
Maine	Vermont
Michigan	Virginia
Mississippi	Washington
Missouri	West Virginia
Montana	Wisconsin
Nebraska	Wyoming

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 1-28 as "Dead on arrival" and in table 1-29 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 1986, deaths by month are shown in tables 1-19, 1-20, 1-23, 1-30, 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 of death in this volume are shown in table 1-30 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 1956, autopsies were reported on 257,890 death certificates, 12.2 percent of the total (table 1-27).

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 1976 U.S. Standard Certificate of Death.

For eight of the cause-of-death categories shown in table 1-27, autopsies were reported as performed for 50 percent or more of all deaths (Whooping cough; Meningococcal infection; 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 three 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." (World Health Organization, 1977).

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.

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)* (World

Health Organization, 1977). 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 V0 is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics 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.

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Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death.

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

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

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

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 (World Health Organization, 1977). For a discussion of each of the classifications used with death statistics since 1900, see the 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 (NCHS, 1980). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list but is not used in this volume. 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 onward. 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 (ATVs) were implemented to ensure consistency in coding

these accidents. Detailed discussion of these changes may be found in the Technical Appendix for previous volumes.

Coding in 1986—The rules and instructions used in coding the 1986 mortality medical data remained essentially the same as those used for the 1985 data. Notable changes include classifying "primary" and "invasive" tumors, unspecified, as "malignant" beginning 1986. Previously, these neoplasms had been classified to Neoplasms of unspecified nature (ICD-9 No. 239).

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 (1982), 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 cases for which it is not possible to determine the cause of death, 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 1986, 1.5 percent of all reported deaths in the United States were assigned to ill-defined or unknown causes. However, this percentage varied among the States, from 0.3 percent to 4.0 percent.

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 1986, the content of these tables was identical to that in the 1985 tables. Coding procedures for selecting the underlying cause of death by the ACME computer program, as well as the ACME decision tables, are documented in NCHS instruction manuals (NCHS, 1986c, 1986d, 1986e).

Cause-of-death ranking—Cause-of-death ranking (except for infants) is based on the List of 72 Selected Causes of Death. Cause-of-death ranking for infants is based on the List of 61 Selected Causes of Infant Death. The group titles Major cardiovascular diseases and Symptoms, signs, and ill-defined conditions are not ranked from the List of 72 Selected Causes; 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 is not expected to have much effect on the comparability of maternal mortality statistics. However, comparability is 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 postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small, premature infants to survive the neonatal period.

Rates—Infant mortality rates shown in section 2 and section 8 are the most commonly used index for measuring the risk of dying during the first year of life; they are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 1,000 or per 100,000 live births. Infant mortality rates use the number of live births in the denominator to approximate the population at risk of dying before the first birthday. This measure is an approximation 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 in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (Guralnick and Winter, 1965, NCHS, 1966a). 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 (McCarthy, et al., 1980; National Office of Vital Statistics, 1947).

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 (National Office of Vital Statistics, 1947).

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 (Frost and Shy, 1980). 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, 1986, 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 of His-

panic origin of mother for the 15 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 1986 the percent of infant deaths of unknown origin was 8.1 percent and the percent of live births of unknown origin was 3.1 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 (National Office of Vital Statistics, 1950):

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.

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. Puerto Rico has no formal definition. (For definitions used by the States and other registration areas, see NCHS (1981).)

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 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

26 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* (NCHS, 1978) 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 (Gred, Pauli, and Kirby, 1987).

For registration areas not requiring the reporting of fetal deaths of all periods of gestation, underreporting is more likely to occur in the earlier gestational periods. This is illustrated by the fact that for most areas requiring reporting of fetal deaths of 20 weeks or more, the total number reported for 20-23 weeks is lower than the numbers reported for 24-27 and 28-31 weeks. For areas requiring the reporting of all fetal deaths, however, the opposite is generally true.

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 1986 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 20-27 weeks during 1981-83 were not comparable between Arkansas and other reporting areas nor with data for 1984-86. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

Idaho—Beginning in 1983, Idaho changed its reporting requirements for spontaneous fetal deaths from "after 20 weeks" to "after 20 weeks or a weight of 350 grams or more."

Maine—Maine uses two reporting forms for fetal deaths: A Report of Abortion (Spontaneous and Induced) and a Report of Fetal Death. Most spontaneous fetal deaths 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

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Table A. Period of gestation at which fetal-death reporting is required: Each reporting area, 1988

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			¹ 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									⁴ X
Texas			X						
Utah			X						
Vermont			⁵ X						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						

¹ If gestational age is unknown, weight of 350 grams or more.
² If gestational age is unknown, weight of 500 grams or more.
³ If gestational age is unknown, weight of 400 grams or more, or crown-heel length of 28 centimeters or more.
⁴ If weight is unknown, 22 completed weeks gestation or more.
⁵ If gestational age is unknown, weight of 400 or more grams, 15 or more ounces.

beyond a duration considered biologically plausible. "gestation in weeks" or "Physician's estimate of gestation" is used. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows

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

All areas reported LMP in 1986 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 preg-

nancy) 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 1986 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 1986 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 1986 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 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 1986 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 1986, 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 (NCHS, 1979). 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 1986. Because cryptosporidiosis has increased in frequency due to its association with the 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 1900–86 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 1986—The population of the United States estimated by age, race, and sex for 1986 is shown in table 7-2, and the population for each State by broad age groups follows in table 7-3. Population estimates for 1984–86 incorporate new estimation procedures for net migration and net undocumented immigration. The 1986 estimates are comparable with those for 1984 and 1985 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 1984–86 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 (1988). 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

Table B. Sources for resident population and population including Armed Forces abroad: Birth- and death-registration States, 1900-1932, and United States, 1900-1986

Year	Source
1986-----	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1022, Mar. 1986
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, PC80-1-A1, United States Summary</i> , 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, Final Report PC(1)-A1, United States Summary</i> , 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, PC(1)-A1, United States Summary</i> , 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, 1947</i> .
1920-29-----	National Office of Vital Statistics, <i>Vital Statistics Rates in the United States, 1900-1940, 1947</i> .
1917-19-----	Same as for 1930-39.
1900-1916-----	Same as for 1920-29.

mark one of the specified races listed on the census questionnaire but instead marked the "Other" category.

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

In order to maintain comparability, the "Other" racial category in the 1960 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 (5,840,646 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 (96 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 (U.S. Bureau of the Census, 1982b). 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 intercensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (U.S. Bureau of the Census, 1988). 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 (NCHS, 1968b). 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 intercensal 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 (U.S. Bureau of the Census, 1974, 1977). The reports for 1980 include estimates of net census undercount using alternative methodological assumptions for age, race, and sex subgroups of the national population (Passel and Robinson, 1985). 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, fe-

males were more completely enumerated than males and the white population more completely than the population of all other races in the 1980 Census of Population. The black population was undercounted relative to the total population of all other races.

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

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

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

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

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

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

If death rates by age were adjusted, then the corresponding life expectancy at birth computed from these rates would change. The importance of adjustments varies by age; that is, when calculating life expectancy, the impact

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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	64,715
5-14 years	170,355
15-24 years	181,677
25-34 years	162,066
35-44 years	139,237
45-54 years	117,611
55-64 years	80,294
65-74 years	46,426
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 (NCHS, 1966). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-86 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 1984-86 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. For estimating procedures, see National Office of Vital Statistics (1951).

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 1956 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 (National Office of Vital Statistics,

1961). The probable range of values may be estimated from the actual figures according to certain statistical assumptions.

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

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

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

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

covers the "true" number of events.

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

covers the "true" rate.

If the rate R corresponding to N events is compared with the rate S corresponding to M events, the difference between the two rates may be regarded as statistically significant if it exceeds

$$2\sqrt{\frac{R^2}{N} + \frac{S^2}{M}}$$

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.

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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