

**DOCUMENTATION OF THE
MORTALITY TAPE FILE FOR
1998 DATA**

SPECIAL NOTICE

EFFECTIVE WITH 1998 DATA, COMMONWEALTH OF THE
NORTHERN MARIANAS RECORDS ARE INCLUDED IN THE
TERRITORIES' PUBLIC USE FILE

EFFECTIVE WITH 1997 DATA, AMERICAN SAMOA RECORDS
ARE INCLUDED IN THE TERRITORIES' PUBLIC-USE FILE

This tape documentation was prepared in the Division of Vital Statistics. Gail Parr and Vanetta Harrington of the Systems Programming and Statistical Resources Branch were responsible for developing the mortality documentation. Sherry Murphy of the Mortality Statistics Branch coordinated preparation of the Technical Appendix. The Registration Methods Staff and the Data Acquisition and Evaluation Branch provided consultation to the State vital statistics offices regarding collection of death certificate data.

Questions concerning the documentation or general questions concerning the mortality file should be directed to the Systems Programming and Statistical Resources Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 888, Hyattsville, MD 20782 (301-458-4420).

Questions concerning the Technical Appendix or substantive questions concerning the mortality data should be directed to the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-458-4666).

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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 1998 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 1998. 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 1998 data.

A revised U.S. Standard Certificate of Death was recommended for State use beginning on January 1, 1989. Among the changes were the addition of a new item on educational attainment and changes to improve the medical certification of cause of death. In addition, for the first time, the U.S. Standard Certificate of Death includes a question on the Hispanic origin of the decedent. Previously a number of States had included an Hispanic-origin identifier on their certificates. A change was also made in the format of the item to obtain information on type of place of death from an open-ended question to a checkbox.

The Office of Management and Budget revised its designation of metropolitan statistical areas based on figures from the 1990 Census. For the 1990 through 1993 data files, NCHS has been using these new definitions and codes as indicated in the listing of 320 Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs) included in the documentation for those years. There are also 20 Consolidated Metropolitan Statistical Areas (CMSAs) which are made up of PMSAs. Because other geographic changes based on the 1990 Census became effective with the 1994 data file, the metropolitan statistical area designations were updated as well. Effective with the 1994 data file, there are 311 MSA's, PMSA's, and NECMA's; and 18 CMSA's as indicated in the listing included with this documentation.

NCHS has adopted a new policy on release of vital statistics unit record data files. This new policy was implemented for the 1989 vital event files to prevent the inadvertent disclosure of individuals and institutions. As a result, the files for 1989 and later years do not contain the actual day of the death or the date of birth of the decedent. The geographic detail is also restricted; only counties and cities of 100,000 or more population based on the 1990 census, as well as metropolitan areas of 100,000 or more population based on the 1990 Census are identified.

II. Data File Characteristics

Each record on the annual tape files 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 files contain the complete level of detail coded by NCHS except where precluded by confidentiality restrictions or lack of data reliability.

Specifications for the 1998 tape files are as follows:

File Organization:	Multiple files, multiple reels
Record Type:	Blocked, fixed format
Record Length:	440
Blocksize:	26400

U.S. DATA SET:

1.	Record count:	2,340,708
2.	Data counts:	
	a. By occurrence:	2,340,708
	b. By residence:	2,337,256
	c. To foreign residents:	3,452

PUERTO RICO, VIRGIN ISLANDS, GUAM, AMERICAN SAMOA AND NORTHERN MARIANAS DATA SET:

1.	Record count:	31,655
----	---------------	--------

PUERTO RICO:

2.	Data counts:	
	a. By occurrence:	29,986
	b. By residence:	29,861

VIRGIN ISLANDS:

2.	Data counts:	
	a. By occurrence:	613
	b. By residence:	615

GUAM:

2.	Data Counts:	
	a. By occurrence:	651
	b. By residence:	632

AMERICAN SAMOA:

2.	Data Counts:	
	a. By occurrence:	243
	b. By residence:	243

NORTHERN MARIANAS:

2.	Data Counts:	
	a. By occurrence:	162
	b. By residence:	162

1. The data were processed using the PL/1 language on an IBM 9672.

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, 1995.
- C. NCHS Instruction Manual Data Preparation, Part 2b, Vital Statistics Instructions for Classifying Multiple Cause-of-Death, 1995.
- D. NCHS Instruction Manual Data Preparation, Part 2c, Vital Statistics ICD-9 ACME Decision Tables for Classifying Underlying Causes-of-Death, 1995.
- 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, 1982-95.
- G. NCHS Instruction Manual Data Preparation, Part 4, Vital Statistics Demographic Classification and Coding Instructions for Death Records, 1998.
- H. NCHS Instruction Manual Tabulation, Part 11, Vital Statistics Computer Edits for Mortality Data, Effective 1990.

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

Users who do not already have access to these documents may request them from

the Chief, Data Preparation Branch, Division of Data Processing, National Center for Health Statistics, P.O. Box 12214, Research Triangle Park, North Carolina 27709.

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

IV. Multiple Cause Data

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

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

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

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

standardizing the data; or (2) eliminate one category in favor of another to promote specificity of the data or resolve contradictions. The following examples from ICD-9 illustrate the effect of this translation:

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

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

A. Entity Axis Codes

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

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

1. Line indicator: The first byte represents the line of the certificate on which the code appears. Six lines (1-6) are allowable with the fourth and fifth denoting one or two written in "due to"s beyond the three lines provided in Part I of the U.S. standard death certificate. Line "6" represents Part II of the certificate.
2. Position indicator: The next byte indicates the position of the code on the line, i.e., it is the first (1), second (2), third (3) ... eighth (8) code on the line.
3. Cause category: The next four bytes represent the ICD-9 cause code.
4. Nature of injury flag: ICD-9 uses the same series of numbers (800-999) to indicate nature of injury (N codes) and external cause codes (E codes). This flag distinguishes between the two with a one (1) representing nature of injury codes and a zero (0) representing all other cause

codes.

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

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

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

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

By definition, the main limitation of entity axis data is that an entity code does not necessarily reflect the best code for a condition when considered within the context of the medical certification as a whole. As a result certain entity codes can be misleading or even contradict other codes in the record. For example, category 5750 is titled "Acute cholecystitis without mention of calculus". Within the framework of entity codes this is interpreted to mean that the codable entity itself contained no mention of calculus rather than that calculus was not mentioned anywhere on the record. Tabulation of records with a "5750" as a count of persons having acute cholecystitis without mention of calculus would therefore be erroneous. This illustrates the fact that under entity coding the ICD-9 titles

cannot be taken literally. The user must study the rules for entity coding as they relate to his/her research prior to utilization of entity data. The user is further cautioned that the inclusion notes in ICD-9 which relate to modifying and combining categories are seldom applicable to entity coding (except where provided in Part 2b of the Vital Statistics Instruction Manual Series).

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

B. Record Axis Codes

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

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

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

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

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

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

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

Instruction Manual Series.)

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

V. Additional Information

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

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

Several basic tabulations of data from selected variables contained on this tape have been produced and are included with this document as an aid to the user in determining if his own tabulations are correct. For verification of multiple cause-of-death data at the "each cause" level of detail, Table 1 provides counts of the number of deaths on which a given ICD-9 category is mentioned as the underlying cause-of-death, a record axis multiple cause-of-death, and an entity axis multiple cause-of-death, respectively. The counts for the record axis multiple cause-of-death field are divided into two distinct subtotals: (1) "total mention" and (2) "secondary". Secondary is defined as any code which is present in the record axis field but is not the underlying cause-of-death. Tables 2-7 provide additional control totals for the three cause-of-death fields by age, race, and sex. Tables 8-10 ignore cause-of-death and provide control totals based on age, race, sex, State of residence, State of occurrence, and month. Tables 1-9 are based on resident deaths in the United States (excludes deaths to non-residents). Table 10 is based upon deaths occurring in the United States (includes deaths to foreign residents).

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

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

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

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

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

When further analytical assistance is needed, contact the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, Maryland 20782, Telephone (301) 458-4666. For technical assistance pertaining to the creation of the multiple cause-of-death file, contact Donna Glenn, Statistician, Technical Services Branch, Division of Vital Statistics, NCHS, Room 148, P.O. Box 12214, Research Triangle Park, North Carolina 27709. Telephone (919) 541-0999.

VI. List of Data Elements and Tape Locations

Data Items	Tape Locations
1. General	
a. Data year	115-118
b. Record Type	19
c. Resident status	20
d. Month of death	55-56
e. Day of week of death	83
f. Place of death and decedent's status	75
2. Occurrence	
a. State	21-22,28
b. Expanded State	29-30
c. County	23-25
d. County Population size	49
e. Region	26
f. Division	27
g. FIPS State	119-120
h. FIPS County	121-123
3. Residence	
a. State	31-32,43
b. Expanded State	44-45
c. County	33-35
d. County Population size	50
e. City	36-38
f. City Population size	39
g. Met/Nonmet county	40
h. Region	41
i. Division	42
j. PMSA/MSA	46-48
k. PMSA/MSA Population size	51
l. FIPS State	124-125
m. FIPS County	126-128
n. FIPS Place	97-101
o. FIPS PMSA/MSA	129-132
p. FIPS CMSA	134-135
1. The Decedent	
a. Sex	59
b. Race	60-63
c. Age	64-74
d. Marital status	77
e. State of birth	78-79
f. Hispanic origin	80-81,82
g. Kind of Business or Industry	85-87
h. Usual Occupation	88-90
i. Education	52-53, 54

VI. List of Data elements and Tape Locations - Con.

	Data Items	Tape Locations
2.	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. Place of accident	141
	h. Injury at work	136
3.	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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
1-3	3	<u>Reserved Positions</u>
4-9	6	<u>Certificate Number</u> These positions are blank.
10-11	2	<u>Reserved Positions</u>
12-18	7	<u>Sequence Number</u> These positions are blank
19	1	<u>Record Type</u>
		1 ... RESIDENTS State and County of Occurrence and Residence are the same.
		2 ... NONRESIDENTS State and/or County of Occurrence and Residence are different.
20	1	<u>Resident Status</u>
		United States Occurrence
		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.
		Puerto Rico Occurrence
		1 ... RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
		2 ... INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
		4 ... FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.
20	1	<u>Resident Status - Con.</u>
		Virgin Islands Occurrence

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
4	...	FOREIGN RESIDENTS Occurred in Virgin Islands to a resident of any other place.
Guam Occurrence		
1	...	RESIDENTS Occurred in Guam to a resident of Guam or to a resident of the U.S.
4	...	FOREIGN RESIDENTS Occurred in Guam to a resident of any place other than Guam or the U.S.
American Samoa Occurrence		
1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
4	...	FOREIGN RESIDENTS Occurred in American Samoa to a resident of any other place.
Northern Marianas Occurrence		
1	...	RESIDENTS Territory and County-equivalent of Occurrence and Residence are the same.
2	...	INTRASTATE NONRESIDENTS Territory of Occurrence and Residence are the same, but County-equivalent is different.
4	...	FOREIGN RESIDENTS Occurred in Northern Marianas to a resident of any other place.

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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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. Some Geographic Codes have changed to reflect the results of the 1990 Census.

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

United States

- | | |
|----|--------------------------|
| 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 |

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
21-22	2	<u>State of Occurrence -Con.</u>
	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
		Puerto Rico
	52	...Puerto Rico
		Virgin Islands
	53	...Virgin Islands
		Guam
	54	...Guam
		American Samoa
	61	...American Samoa
		Northern Marianas
	62	...Northern Marianas

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
23-25	3	<u>County of Occurrence</u>
		001-nnn ... Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.
		999 ... County of less than 100,000 population
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.
		000 ... Not applicable: Puerto Rico, Virgin Islands, Guam, American Samoa or Northern Marianas occurrence.
	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
26-28	3	Region <u>Division and State Subcode of Occurrence- Con.</u>

1998
Mortality Multiple Cause-of-Death Record

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

1998
Mortality Multiple Cause-of-Death Record

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

United States

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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
29-30	2	<u>Expanded State of Occurrence Code-Con.</u>
		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
		 Puerto Rico
		53 ... Puerto Rico
		 Virgin Islands
		54 ...Virgin Islands
		 Guam
		55 ... Guam
		 American Samoa
		62 ...American Samoa
		 Northern Marianas
		63 ...Northern Marianas
31-48	18	<u>PLACE OF RESIDENCE</u>
		Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
31-32	2	<u>State of Residence</u>
		United States Occurrence
		01 ... Alabama
		02 ... Alaska
		03 ... Arizona
		04 ... Arkansas
		05 ... California

1998
Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
31-32	2	<u>State of Residence - Con.</u>
		U.S. Occurrence
	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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
31-32	2	<u>State of Residence - Con.</u>
		U.S. Occurrence
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52-57,59,61,62 ... Foreign residents
		52 ... Puerto Rico
		53 ... Virgin Islands
		54 ... Guam
		55 ... Canada
		56 ... Cuba
		57 ... Mexico
		59 ... Remainder of the world
		61 ... American Samoa
		62 ... Northern Marianas

Puerto Rico Occurrence

52 ... Puerto Rico
 01-51,53-57,59,61,62 ... Foreign residents: refer to U.S. for specific code structure.

Virgin Islands Occurrence

53 ... Virgin Islands
 01-52,54-57,59,61,62 ... Foreign residents: refer to U.S. for specific code structure.

Guam Occurrence

54 ... Guam
 01-51 ... U.S. resident. Also considered a resident of Guam.
 52-53,55-57,59,61,62 ... Foreign residents: refer to U.S. for specific code structure.

American Samoa Occurrence

61 ... American Samoa
 01-57,59,62 ... Foreign residents: refer to U.S. for specific code structure.

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
		Northern Marianas Occurrence
		62 ... Northern Marianas 01-57, 59,61 ... Foreign residents: refer to U.S. for specific code structure.
33-35	3	<u>County of Residence</u>
		001-nnn ...Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: to uniquely identify a county, both the State and county codes must be used.) A complete list of counties is shown in the Geographic Code outline further back in this document.
		zzz ...Foreign residents 999 ...County of less than 100,000 population
36-38	3	<u>City of Residence</u>
		001-nnn ...Cities are numbered alphabetically within each State and identify each city with a population of 100,000 or more in 1990. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.)
		999 ... balance of county; or city of less than 100,000 population ZZZ ... Foreign residents
39	1	<u>Population Size of City of Residence</u>
		Based on the results of the 1990 Census.
		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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u>
		NOTE: American Samoa, Guam, Northern Marianas and the Virgin Islands do not have any metropolitan areas.
		1 ...Metropolitan county
		2 ...Nonmetropolitan county
		Z ...Foreign residents
41	1	<u>Region</u>
42-43	2	<u>Division and State Subcode of Residence</u>
		States are codes within Division. 41 is Region. 42 is Division. 43 is State subcode. APPLICABLE TO U.S. ONLY.
		000 ... Foreign residents
		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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
42-43	1	<u>Division and State Subcode of Residence -Con -</u>
	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

1998
Mortality Multiple Cause-of-Death Record

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

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

United States Occurrence

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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
44-45	2	<u>Expanded State of Residence - Con</u>
		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
		53-58, 60, 62,63... Foreign Residents
		53 ... Puerto Rico
		54 ... Virgin Island
		55 ... Guam
		56 ... Canada
		57 ... Cuba
		58 ... Mexico
		60 ... Remainder of the world
		62 ... American Samoa
		63 ... Northern Marianas
		 Puerto Rico Occurrence
		53 ... Puerto Rico
		01-52, 54-58,60,62,63 ... Foreign residents: refer to U.S. for specific code structure.
		 Virgin Islands Occurrence
		54 ... Virgin Islands
		01-53,55-58,60,62,63 ... Foreign residents: refer to U.S. for specific code structure.
		 Guam Occurrence
		55 ... Guam
		01-52 ... U.S. resident. Also considered a resident of Guam.
		53-54, 56-58, 60,62,63 ... Foreign residents: refer to U.S. for specific code structure..

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
44-45	2	<p><u>Expanded State of Residence - Con.</u></p> <p>American Samoa Occurrence 62 ... American Samoa 01-58, 60,63 ... Foreign residents: refer to U.S. for specific code structure.</p> <p>Northern Marianas Occurrence 63 ... Northern Marianas 01-58, 60,62 ... Foreign residents: refer to U.S. for specific code structure.</p>
46-48	3	<p><u>NCHS PMSA/MSA of Residence</u></p> <p>Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.</p> <p>Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.</p> <p>000 ... Nonmetropolitan counties 001-311 ... Code range 999 ... Area of less than 100,000 population ZZZ ... Foreign residents</p>
49	1	<p><u>Population Size of County of Occurrence</u></p> <p>Based on the results of the 1990 Census</p> <p>0 ... County of 1,000,000 or more 1 ... County of 500,000 to 1,000,000 2 ... County of 250,000 to 500,000 3 ... County of 100,000 to 250,000 9 ... County of less than 100,000</p>

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
50	1	<u>Population Size of County of Residence</u> Based on the results of the 1990 Census 0 ... County of 1,000,000 or more 1 ... County of 500,000 to 1,000,000 2 ... County of 250,000 to 500,000 3 ... County of 100,000 to 250,000 9 ... County of less than 100,000 Z ... Foreign residents
51	1	<u>PMSA/MSA Population Size</u> Based on the results of the 1990 Census 1 ... Area of 250,000 or more 2 ... Area of 100,000 to 250,000 9 ... Area of less than 100,000 or nonmetropolitan area Z ... Foreign residents
52-53	2	<u>Education</u> 00 ... No formal education 01-08 ... Years of elementary school 09 ... 1 year of high school 10 ... 2 years of high school 11 ... 3 years of high school 12 ... 4 years of high school 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated
54	1	<u>Education Recode</u> 1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years 4 ... 13 - 15 years 5 ... 16 years or more 6 ... Not stated

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
55-56	2	<u>Month of Death</u>
		01 ... January
		02 ... February
		03 ... March
		04 ... April
		05 ... May
		06 ... June
		07 ... July
		08 ... August
		09 ... September
		10 ... October
		11 ... November
		12 ... December

57-58	2	<u>Reserved Positions</u>
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59	1	<u>Sex</u>
		1 ... Male
		2 ... Female

60-63	4	<u>RACE</u>
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60-61	2	<u>Detail Race</u>
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United States Occurrence

Beginning with 1992 data, some areas started reporting additional Asian or Pacific Islander codes for race. Codes 18 - 68 replace old code 08 for these areas. Code 78 replaces old 08 for all other areas. For consistency with Census races, code 09 (all other races) has been imputed.

01	...	White
02	...	Black
03	...	American Indian (includes Aleuts and Eskimos)
04	...	Chinese
05	...	Japanese
06	...	Hawaiian (includes Part-Hawaiian)
07	...	Filipino
18	...	Asian Indian
28	...	Korean
38	...	Samoan
48	...	Vietnamese

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
60-61	2	<u>Detail Race -Con.</u> United States Occurrence 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately Puerto Rico Occurrence 00 ... Other races 01 ... White 02 ... Black Virgin Islands Occurrence 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander Guam Occurrence 01 ... White 02 ... Black 03 ... American Indian (Includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 58 ... Guamanian American Samoa Occurrence 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
60-61	2	<u>Detail Race - Con.</u> 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander Northern Marianas Occurrence 01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 18 ... Asian Indian 28 ... Korean 38 ... Samoan 48 ... Vietnamese 58 ... Guamanian 68 ... Other Asian or Pacific Islander in areas reporting codes 18-58 78 ... Combined other Asian or Pacific Islander, includes 18-68 for areas that do not report them separately
62	1	<u>Race Recode 3</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
63	1	<u>Race Recode 2</u> 1 ... White 2 ... All other races
64-74	11	<u>REPORTED AGE</u>
64-66	3	<u>Detail Age</u> Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc. 0 01-99 ... Years less than 100 1 00-99 ... Years 100 or more

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
64-66	3	<u>Detail Age - Con.</u>
		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
67-68	2	<u>Age Recode 52</u>
		01 ... Under 1 hour (includes not stated hours and minutes)
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7 - 13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months
		15 ... 4 months
		16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
		23 ... 1 year
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
		27 ... 5 - 9 years
		28 ... 10 - 14 years
		29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years
		33 ... 35 - 39 years
		34 ... 40 - 44 years

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
67-68	2	<u>Age Recode 52 - Con.</u>
		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
69-70	2	<u>Age Recode 27</u>
		01 ... Under 1 month (includes not stated weeks, days, hours, and minutes)
		02 ... 1 month - 11 months (includes not stated months)
		03 ... 1 years
		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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
69-70	2	<u>Age Recode 27 - Con.</u>
		22 ... 80 - 84 years
		23 ... 85 - 89 years
		24 ... 90 - 94 years
		25 ... 95 - 99 years
		26 ... 100 years and over
		27 ... Age not stated
71-72	2	<u>Age Recode 12</u>
		01 ... Under 1 year (includes not stated infant ages)
		02 ... 1 - 4 years
		03 ... 5 - 14 years
		04 ... 15 - 24 years
		05 ... 25 - 34 years
		06 ... 35 - 44 years
		07 ... 45 - 54 years
		08 ... 55 - 64 years
		09 ... 65 - 74 years
		10 ... 75 - 84 years
		11 ... 85 years and over
		12 ... Age not stated
73-74	2	<u>Infant Age Recode 22</u>
		Blank ... Age 1 year and over or not stated
		01 ... Under 1 hour (includes not stated hours and minutes)
		02 ... 1 - 23 hours
		03 ... 1 day (includes not stated days)
		04 ... 2 days
		05 ... 3 days
		06 ... 4 days
		07 ... 5 days
		08 ... 6 days
		09 ... 7 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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
73-74	2	<u>Infant Age Recode 22 - Con.</u> 19 ... 8 months 20 ... 9 months 21 ... 10 months 22 ... 11 months
75	1	<u>Place of Death and Decedent's Status</u> 1 ... Hospital, clinic or Medical Center - Inpatient 2 ... Hospital, Clinic or Medical Center - Outpatient or admitted to Emergency Room 3 ... Hospital, Clinic or Medical Center - Dead on Arrival 4 ... Hospital, Clinic or Medical Center - Patient status unknown 5 ... Nursing home 6 ... Residence 7 ... Other 9 ... Place of death unknown
76	1	<u>Reserved Position</u>
77	1	<u>Marital Status</u> 1 ... Never married, single 2 ... Married 3 ... Widowed 4 ... Divorced 8 ... Marital Status not on certificate 9 ... Marital Status not stated
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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
78-79	2	<u>State of Birth -Con.</u>
		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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
78-79	2	<u>State of Birth - Con.</u> 53 ... Virgin Island 54 ... Guam 55 ... Canada 56 ... Cuba 57 ... Mexico 59 ... Remainder of the world 61 ... American Samoa 62 ... Northern Marianas 99 ... State of birth unknown
80-81	2	<u>Hispanic Origin</u> Beginning data year 1997 all States report Hispanic Origin. 00 ... Non - Hispanic 01 ... Mexican 02 ... Puerto Rican 03 ... Cuban 04 ... Central or South American 05 ... Other or unknown Hispanic 99 ... Unknown
82	1	<u>Hispanic Origin/Race Recode</u> 1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other or unknown Hispanic 6 ... Non - Hispanic white 7 ... Non - Hispanic black 8 ... Non - Hispanic other races 9 ... Hispanic origin unknown
83	1	<u>Day of Week of Death</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday 9 ... Unknown
84	1	<u>Reserved Position</u>

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																					
85-87	3	<p><u>Kind of Business or Industry</u></p> <p>This item is not reported by all States. Refer to the Addendum to the Technical Appendix at the back of this publication for a list of reporting States.</p> <p>A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to: U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. First Edition. Washington. U.S. Government Printing Office, April 1992.</p> <table border="0" style="margin-left: 40px;"> <tr> <td>010-960</td> <td>...</td> <td>Code range (not inclusive)</td> </tr> <tr> <td>961</td> <td>...</td> <td>Own home/At home</td> </tr> <tr> <td>970</td> <td>...</td> <td>Retired; with no other industry reported</td> </tr> <tr> <td>990</td> <td>...</td> <td>Blank, Unknown, NA</td> </tr> </table>	010-960	...	Code range (not inclusive)	961	...	Own home/At home	970	...	Retired; with no other industry reported	990	...	Blank, Unknown, NA									
010-960	...	Code range (not inclusive)																					
961	...	Own home/At home																					
970	...	Retired; with no other industry reported																					
990	...	Blank, Unknown, NA																					
88-90	3	<p><u>Usual Occupation</u></p> <p>This item is not reported by all States. Refer to the Addendum to the Technical Appendix at the back of this publication for a list of reporting States.</p> <p>A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to the Census Bureau publication mentioned above.</p> <table border="0" style="margin-left: 40px;"> <tr> <td>003-905</td> <td>...</td> <td>Code range (not inclusive)</td> </tr> </table> <p>In addition to the codes shown in the Census publication, the following codes are also applicable:</p> <table border="0" style="margin-left: 40px;"> <tr> <td>913</td> <td>...</td> <td>Retired; with no other occupation reported</td> </tr> <tr> <td>914</td> <td>...</td> <td>Housewife/Homemaker</td> </tr> <tr> <td>915</td> <td>...</td> <td>Student</td> </tr> <tr> <td>916</td> <td>...</td> <td>Volunteer</td> </tr> <tr> <td>917</td> <td>...</td> <td>Unemployed, never worked, disabled, child, infant</td> </tr> <tr> <td>999</td> <td>...</td> <td>Blank, Unknown, NA</td> </tr> </table>	003-905	...	Code range (not inclusive)	913	...	Retired; with no other occupation reported	914	...	Housewife/Homemaker	915	...	Student	916	...	Volunteer	917	...	Unemployed, never worked, disabled, child, infant	999	...	Blank, Unknown, NA
003-905	...	Code range (not inclusive)																					
913	...	Retired; with no other occupation reported																					
914	...	Housewife/Homemaker																					
915	...	Student																					
916	...	Volunteer																					
917	...	Unemployed, never worked, disabled, child, infant																					
999	...	Blank, Unknown, NA																					

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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>
94-96	3	<u>Reserved Positions</u>
97-101	5	<p><u>Place (city) of Residence (FIPS)</u></p> <p>A complete list of cities is shown in the Geographic code outline further back in this document. Effective with the 1994 data year, the FIPS place code has been added to the Mortality record. It identifies each city of 100,000 population or more in 1990.</p> <p>00000 ... Foreign residents 00001- nnnnn ... code range 99999 ... Balance of county; or city of less than 100,000 population</p>
102-114	13	<u>Reserved Positions</u>
115-118	4	<p><u>Current Data Year</u></p> <p>1998 ...1998</p>
119-132	14	<p><u>FEDERAL INFORMATION PROCESSING STANDARDS (FIPS)</u> <u>GEOGRAPHIC CODES</u></p> <p>Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes. For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications. Some geographic codes have been changed to reflect the results of the 1990 Census.</p>
119-120	2	<p><u>State of Occurrence (FIPS)</u></p> <p>United States</p> <p>01 ... Alabama 02 ... Alaska 04 ... Arizona</p>

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Mortality Multiple Cause-of-Death Record

<u>Tape</u>	<u>Field</u>	<u>Item and Code Outline</u>
<u>Location</u>	<u>Size</u>	
119-120	2	<u>State of Occurrence (FIPS) - Con.</u>
		United States
		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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
119-120	2	<u>State of Occurrence (FIPS) - Con.</u> United States 49 ... Utah 50 ... Vermont 51 ... Virginia 53 ... Washington 54 ... West Virginia 55 ... Wisconsin 56 ... Wyoming Puerto Rico 72 ... Puerto Rico Virgin Islands 78 ... Virgin Islands Guam 66 ... Guam American Samoa 60 ... American Samoa Northern Marianas 69 ... Northern Marianas
121-123	3	<u>County of Occurrence (FIPS)</u> Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document. 001-nnn ... Code range 999 ... County of less than 100,000 population
124-125	2	<u>State of Residence (FIPS)</u> 00 ... Foreign residents 01 ... Alabama 02 ... Alaska

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
124-125	2	<u>State of Residence (FIPS) - Con.</u>
		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

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
124-125	2	<u>State of Residence (FIPS) - Con.</u>
		50 ... Vermont
		51 ... Virginia
		53 ... Washington
		54 ... West Virginia
		55 ... Wisconsin
		56 ... Wyoming
		 Puerto Rico Occurrence
		72 ... Puerto Rico
		00-56,60, 66,
		78 ... Foreign residents: refer to U.S. for specific code structure.
		 Virgin Islands Occurrence
		78 ... Virgin Islands
		00-56,60, 66,
		72 ... Foreign residents: refer to U.S. for specific code structure.
		 Guam Occurrence
		66 ... Guam
		01-56 ... U.S. Resident. Also considered a resident of Guam.
		00, 60, 72, 78 ... Foreign residents: refer to U.S. for specific code structure.
		 American Samoa Occurrence
		60 ... American Samoa
		00-56, 66,
		72, 78 ... Foreign residents: refer to U.S. for specific code structure.
		 Northern Marianas Occurrence
		69 ... Northern Marianas
		00-56,60,66
		72,78 ... Foreign residents: refer to U.S. for specific code structure.

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
126-128	3	<p><u>County of Residence (FIPS)</u></p> <p>Counties and county equivalents (independent and coextensive cities) are numbered alphabetically within each State and identify each county with a population of 100,000 or more in 1990. (Note: To uniquely identify a county, both the state and county codes must be used.) A complete list of counties is shown in the Geographic Code Outline further back in this document.</p> <p>000 ... Foreign residents 001-nnn ... Code range 999 ... County of less than 100,000 population</p>
129-132	4	<p><u>PMSA/MSA of Residence (FIPS)</u></p> <p>Primary Metropolitan Statistical Areas and Metropolitan Statistical Areas are those defined by the U.S. Office of Management and Budget (OMB) as of 1990. For New England, the New England County Metropolitan Areas (NECMA) are used.</p> <p>Further back in this document is a list of PMSA's, MSA's, NECMA's, and their component counties.</p> <p>0000 ... Nonmetropolitan counties or foreign residents 0040-9360 ... Code range 9999 ... Area of less than 100,000 population</p>
133	1	<p><u>Reserved Position</u></p>
134-135	2	<p><u>CMSA of Residence (FIPS)</u></p> <p>Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of 1990.</p> <p>All Areas</p> <p>00 ... Not a CMSA</p> <p>United States Occurrence</p> <p>07 ... Boston - Worcester-Lawrence, MA-NH-ME-CT, CMSA 14 ... Chicago - Gary-Kenosha, IL-IN-WI, CMSA 21 ... Cincinnati - Hamilton, OH-KY-IN, CMSA</p>

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
134-135	2	<u>CMSA OF Residence (FIPS) - Con.</u> United States Occurrence 28 ... Cleveland - Akron, OH, CMSA 31 ... Dallas - Fort Worth, TX, CMSA 34 ... Denver - Boulder-Greeley, CO, CMSA 35 ... Detroit - Ann Arbor-Flint, MI, CMSA 42 ... Houston - Galveston-Brazoria, TX, CMSA 49 ... Los Angeles -Riverside- Orange County, CA, CMSA 56 ... Miami - Fort Lauderdale, FL, CMSA 63 ... Milwaukee - Racine, WI, CMSA 70 ... New York -Northern New Jersey-Long Island, NY-NJ-CT-PA, CMSA 77 ... Philadelphia - Wilmington-Atlantic City, PA-NJ-DE-MD. CMSA 79 ... Portland - Salem , OR-WA, CMSA 82 ... Sacramento - Yolo, CA, CMSA 84 ... San Francisco -Oakland-San Jose, CA, CMSA 91 ... Seattle - Tacoma-Bremerton, WA, CMSA 97 ... Washington - Baltimore, DC-MD-VA-WV, CMSA Puerto Rico Occurrence 87 ... San Juan -Caguas-Arecibo, PR, CMSA
136	1	<u>Injury at Work</u> 1 ... Yes 2 ... No 9 ... Unknown
137	1	<u>Race Imputation Flag</u> Blank ... Race is not imputed 1 ... Unknown race is imputed 2 ... All other races, formerly code 09, is imputed
138	1	<u>Age Substitution Flag</u> If reported age is unknown but a valid age is calculated using dates of birth and death, the calculated age is substituted for the unknown reported age. 1 ... Calculated age is substituted for reported age
139-140	2	<u>Reserved Positions</u>

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Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
141	1	<u>Place of Accident for Causes E850-E869 and E880-E928</u> Blank ... Causes other than E850-E869 and E880-E928 0 ... Home 1 ... Farm 2 ... Mine and Quarry 3 ... Industrial Place and Premises 4 ... Place for Recreation and Sport 5 ... Street and Highway 6 ... Public Building 7 ... Resident Institution 8 ... Other Specified Places 9 ... Place of Accident not specified
142-159	18	<u>UNDERLYING CAUSE OF DEATH</u>
142-145	4	<u>ICD Code (9th Revision)</u> See the <u>International Classification of Diseases</u> , 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 4 th 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)

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																					
154-156	3	<p><u>61 Infant Cause Recode</u></p> <p>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.</p> <p>010-680 ... Code range (not inclusive)</p>																					
157-159	3	<p><u>34 Cause Recode</u></p> <p>A recode of the ICD cause code into 34 groups for NCHS publications. Further back in this document is a complete list of records and the causes included.</p> <p>010-370 ... Code range (not inclusive)</p>																					
160-440	281	<u>MULTIPLE CONDITIONS</u>																					
160-161	2	<p><u>Number of Entity-Axis Conditions</u></p> <p>00-20 ... Code range</p>																					
162-301	140	<p><u>ENTITY - AXIS CONDITIONS</u></p> <p>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.</p> <p>Position 1: Part/line number on certificate</p> <table style="margin-left: 40px;"> <tr><td>1</td><td>...</td><td>Part I, line 1 (a)</td></tr> <tr><td>2</td><td>...</td><td>Part I, line 2 (b)</td></tr> <tr><td>3</td><td>...</td><td>Part I, line 3 (c)</td></tr> <tr><td>4</td><td>...</td><td>Part I, line 4 (d)</td></tr> <tr><td>5</td><td>...</td><td>Part I, line 5 (e)</td></tr> <tr><td>6</td><td>...</td><td>Part II</td></tr> </table> <p>Position 2: Sequence of condition within part/line</p> <table style="margin-left: 40px;"> <tr><td>1-7</td><td>...</td><td>Code range</td></tr> </table> <p>Position 3 - 6: Condition code</p>	1	...	Part I, line 1 (a)	2	...	Part I, line 2 (b)	3	...	Part I, line 3 (c)	4	...	Part I, line 4 (d)	5	...	Part I, line 5 (e)	6	...	Part II	1-7	...	Code range
1	...	Part I, line 1 (a)																					
2	...	Part I, line 2 (b)																					
3	...	Part I, line 3 (c)																					
4	...	Part I, line 4 (d)																					
5	...	Part I, line 5 (e)																					
6	...	Part II																					
1-7	...	Code range																					

1998
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
162-301	140	<u>ENTITY - AXIS CONDITIONS - Con.</u>
295-301	7	20 th Condition
302-337	36	<u>Reserved Positions</u>
338-339	2	<u>Number of Record-Axis Conditions</u>
		00-20 ... Code range
340	1	<u>Reserved Position</u>
341-440	100	<u>RECORD - AXIS CONDITIONS</u>

Space has been provided for a maximum of 20 conditions. Each condition takes 5 positions in the record. Records that do not have 20 conditions are blank in the unused area.

Positions 1 - 4: Condition Code

See Table 1 for a complete list of codes

Position 5: Nature of Injury Flag

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

341-345	5	1 st Condition
346-350	5	2 nd Condition
351-355	5	3 rd Condition
356-360	5	4 th Condition
361-365	5	5 th Condition
366-370	5	6 th Condition
371-375	5	7 th Condition
376-380	5	8 th Condition

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
341-440	100	<u>RECORD - AXIS CONDITIONS - Con.</u>
381-385	5	9 th Condition
386-390	5	10 th Condition
391-395	5	11 th Condition
396-400	5	12 th Condition
401-405	5	13 th Condition
406-410	5	14 th Condition
411-415	5	15 th Condition
416-420	5	16 th Condition
421-425	5	17 th Condition
426-430	5	18 th Condition
431-435	5	19 th Condition
436-440	5	20 th Condition

Vital Statistics Geographic Code Outline for the United States

The following pages show in detail the geographic codes used by the Division of Vital Statistics in the processing of vital event data occurring in the United States. When an event occurs to a nonresident of the United States, residence data are coded only to the "State" level; several western hemisphere countries or the remainder of the world are uniquely identified. Along with the Division of Vital Statistics codes the Federal Information Processing Standards (FIPS) codes are shown for several items. Both sets of codes appear on the vital event public-use files. The Metropolitan Statistical Area codes are effective with the 1996 data year and are based on the 1990 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.

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

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

City or place: Cities/places are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990.

P/S: Population size code for city of residence based on the 1990 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 Institute of Standards & Technology (NITS) publications.

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

Since counties and cities/places are numbered within State, the State and county or the State and city/places 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 NCHS: 03 014; FIPS: 04 025.

Tupelo, Mississippi - State and city/place codes NCHS: 25 032; FIPS: 28 74840;
or State, county, city/place codes NCHS: 25 041 032; FIPS: 28 081 74840.

Vital Statistics Geographic Code Outline For The United States Page 1
 Effective With 1998 Data.

Vital Statistics Codes				FIPS Codes				Place			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
01						Alabama	01				
	001	188	1			Autauga		001	5	5240	
				035	6	Prattville, part					62328
				999	9	Balance of county					99999
	002	184	1			Baldwin		003	4	5160	
				010	6	Daphne					19648
				999	9	Balance of county					99999
	003	000	2			Barbour		005	5	0000	
				014	6	Eufaula					24568
				999	9	Balance of county					99999
	004	000	2			Bibb		007	6	0000	
	005	032	1			Blount		009	5	1000	
	006	000	2			Bullock		011	6	0000	
	007	000	2			Butler		013	6	0000	
	008	012	1			Calhoun		015	3	0450	
				004	5	Anniston					01852
				024	6	Jacksonville					38272
				999	9	Balance of county					99999
	009	000	2			Chambers		017	5	0000	
	010	000	2			Cherokee		019	6	0000	
	011	000	2			Chilton		021	5	0000	
	012	000	2			Choctaw		023	6	0000	
	013	000	2			Clarke		025	5	0000	
	014	000	2			Clay		027	6	0000	
	015	000	2			Cleburne		029	6	0000	
	016	000	2			Coffee		031	5	0000	
				013	6	Enterprise, part					24184
				999	9	Balance of county					99999
	017	094	1			Colbert		033	4	2650	
				040	6	Sheffield					69648
				999	9	Balance of county					99999
	018	000	2			Conecuh		035	6	0000	
	019	000	2			Coosa		037	6	0000	
	020	000	2			Covington		039	5	0000	
	021	000	2			Crenshaw		041	6	0000	
	022	000	2			Cullman		043	4	0000	
				009	6	Cullman					18976
				999	9	Balance of county					99999
	023	077	1			Dale		045	5	2180	
				012	4	Dothan, part					21184
				013	6	Enterprise, part					24184
				033	6	Ozark					57648
				999	9	Balance of county					99999
	024	000	2			Dallas		047	5	0000	
				039	6	Selma					69120
				999	9	Balance of county					99999
	025	000	2			De Kalb		049	4	0000	
				017	6	Fort Payne					27616
				999	9	Balance of county					99999
	026	188	1			Elmore		051	5	5240	
				035	6	Prattville, part					62328
				999	9	Balance of county					99999
	027	000	2			Escambia		053	5	0000	
	028	105	1			Etowah		055	4	2880	
				018	5	Gadsden					28696
				999	9	Balance of county					99999
	029	000	2			Fayette		057	6	0000	
	030	000	2			Franklin		059	5	0000	
	031	000	2			Geneva		061	6	0000	
	032	000	2			Greene		063	6	0000	
	033	000	2			Hale		065	6	0000	
	034	000	2			Henry		067	6	0000	
	035	077	1			Houston		069	4	2180	
				012	4	Dothan, part					21184
				999	9	Balance of county					99999
	036	000	2			Jackson		071	5	0000	
				038	6	Scottsboro					68736
				999	9	Balance of county					99999
	037	032	1			Jefferson		073	1	1000	
				007	5	Bessemer					05980
				008	2	Birmingham, part					07000
				015	6	Fairfield					25120
				020	6	Homewood					35800
				021	5	Hoover, part					35896
				022	6	Hueytown					36448

Vital Statistics Codes			FIPS Codes			Place			
St Cnty	P/MSA	M/NM	City	P/S	Area Names		St Cnty	P/S	P/MSA
01					Alabama	01			
	037				Jefferson, con.	073	1	1000	
			030	6	Mountain Brook				51696
			046	6	Vestavia Hills				78552
			999	9	Leeds, part				99999
			999	9	Balance of county				99999
	038	000	2	999	Lamar	075	6	0000	
	039	094	1		Lauderdale	077	4	2650	
			016	5	Florence				26896
			999	9	Balance of county				99999
	040	072	1	999	Lawrence	079	5	2030	
	041	000	2		Lee	081	4	0000	
			006	5	Auburn				03076
			032	6	Opelika				57048
			034	5	Phenix City, part				59472
			999	9	Balance of county				99999
	042	129	1		Limestone	083	4	3440	
			005	6	Athens				02956
			011	5	Decatur, part				20104
			023	3	Huntsville, part				37000
			027	6	Madison, part				45784
			999	9	Balance of county				99999
	043	000	2	999	Lowndes	085	6	0000	
	044	000	2		Macon	087	6	0000	
			045	6	Tuskegee				77304
			999	9	Balance of county				99999
	045	129	1		Madison	089	3	3440	
			023	3	Huntsville, part				37000
			027	6	Madison, part				45784
			999	9	Balance of county				99999
	046	000	2	999	Marengo	091	6	0000	
	047	000	2	999	Marion	093	5	0000	
	048	000	2		Marshall	095	4	0000	
			002	6	Albertville				00988
			999	9	Balance of county				99999
	049	184	1		Mobile	097	2	5160	
			028	3	Mobile				50000
			036	5	Prichard				62496
			037	6	Saraland				68160
			999	9	Balance of county				99999
	050	000	2	999	Monroe	099	6	0000	
	051	188	1		Montgomery	101	3	5240	
			029	3	Montgomery				51000
			999	9	Balance of county				99999
	052	072	1		Morgan	103	3	2030	
			011	5	Decatur, part				20104
			019	6	Hartselle				33448
			999	9	Balance of county				99999
	053	000	2	999	Perry	105	6	0000	
	054	000	2	999	Pickens	107	6	0000	
	055	000	2		Pike	109	5	0000	
			043	6	Troy				76920
			999	9	Balance of county				99999
	056	000	2	999	Randolph	111	6	0000	
	057	063	1		Russell	113	5	1800	
			034	5	Phenix City, part				59472
			999	9	Balance of county				99999
	058	032	1	999	St. Clair	115	4	1000	
			999	9	Balance of county				99999
			999	9	Leeds, part				99999
	059	032	1		Shelby	117	4	1000	
			001	6	Alabaster				00820
			008	2	Birmingham, part				07000
			021	5	Hoover, part				35896
			999	9	Leeds, part				99999
			999	9	Balance of county				99999
	060	000	2	999	Sumter	119	6	0000	
	061	000	2		Talladega	121	4	0000	
			041	6	Sylacauga				74352
			042	6	Talladega				74592
			999	9	Balance of county				99999
	062	000	2		Tallapoosa	123	5	0000	
			003	6	Alexander City				01132
			999	9	Balance of county				99999
	063	287	1		Tuscaloosa	125	3	8600	
			031	6	Northport				55200

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
01						Alabama	01				
	063					Tuscaloosa, con.		125	3	8600	
				044	4	Tuscaloosa					77256
				999	9	Balance of county					99999
	064	000	2			Walker		127	4	0000	
				025	6	Jasper					38416
				999	9	Balance of county					99999
	065	000	2	999	9	Washington		129	6	0000	
	066	000	2	999	9	Wilcox		131	6	0000	
	067	000	2	999	9	Winston		133	6	0000	

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
02						Alaska	02				
	001	000	2	999	9	Aleutians East		013	6	0000	
	002	000	2	999	9	Aleutians West		016	6	0000	
	003	010	1	001	3	Anchorage, coext. with Anchorage city		020	3	0380	03000
	004	000	2	999	9	Bethel		050	6	0000	
	005	000	2	999	9	Bristol Bay		060	6	0000	
	006	000	2	999	9	Dillingham		070	6	0000	
	007	000	2			Fairbanks North Star		090	4	0000	
				002	5	Fairbanks					24230
				999	9	Balance of area					99999
	008	000	2	999	9	Haines		100	6	0000	
	009	000	2	003	5	Juneau, coext. with Juneau city		110	5	0000	36400
	010	000	2	999	9	Kenai Peninsula		122	5	0000	
	011	000	2	999	9	Ketchikan Gateway		130	6	0000	
	012	000	2	999	9	Kodiak Island		150	6	0000	
	013	000	2	999	9	Lake and Peninsula		164	6	0000	
	014	000	2	999	9	Matanuska-Susitna		170	5	0000	
	015	000	2	999	9	Nome		180	6	0000	
	016	000	2	999	9	North Slope		185	6	0000	
	017	000	2	999	9	Northwest Arctic		188	6	0000	
	018	000	2	999	9	Prince of Wales-Outer Ketchikan		201	6	0000	
	019	000	2	999	9	Sitka		220	6	0000	
	020	000	2	999	9	Skagway-Hoonah-Angoon		232	6	0000	
	021	000	2	999	9	Southeast Fairbanks		240	6	0000	
	022	000	2	999	9	Valdez-Cordova		261	6	0000	
	023	000	2	999	9	Wade Hampton		270	6	0000	
	024	000	2	999	9	Wrangell-Petersburg		280	6	0000	
	025	000	2	999	9	Yakutat		282	6	0000	
	026	000	2	999	9	Yukon-Koyukuk		290	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
03						Arizona	04				
	001	000	2	999	9	Apache		001	4	0000	
	002	000	2			Cochise		003	4	0000	
				006	6	Douglas					20050
				020	5	Sierra Vista					66820
				999	9	Balance of county					99999
	003	000	2			Coconino		005	4	0000	
				007	5	Flagstaff					23620
				999	9	Balance of county					99999
	004	000	2	999	9	Gila		007	5	0000	
	005	000	2	999	9	Graham		009	5	0000	
	006	000	2	999	9	Greenlee		011	6	0000	
	007	000	2	999	9	La Paz		012	6	0000	
	008	215	1			Maricopa		013	0	6200	
				001	6	Apache Junction, part					02830
				002	6	Avondale					04720
				005	4	Chandler					12000
				008	6	Fountain Hills					25300
				009	5	Gilbert					27400
				010	3	Glendale					27820
				013	2	Mesa					46000
				015	6	Paradise Valley					52930
				016	4	Peoria					54050
				017	1	Phoenix					55000
				019	3	Scottsdale					65000
				021	3	Tempe					73000
				999	9	Balance of county					99999
	009	159	1			Mohave		015	4	4120	
				003	6	Bullhead City					08255
				011	6	Kingman					37620
				012	6	Lake Havasu City					39370
				999	9	Balance of county					99999
	010	000	2	999	9	Navajo		017	4	0000	
	011	285	1			Pima		019	1	8520	
				022	2	Tucson					77000
				999	9	Balance of county					99999
	012	215	1			Pinal		021	3	6200	
				001	6	Apache Junction, part					02830
				004	6	Casa Grande					10530
				999	9	Balance of county					99999
	013	000	2			Santa Cruz		023	5	0000	
				014	6	Nogales					49640
				999	9	Balance of county					99999
	014	000	2			Yavapai		025	3	0000	
				018	5	Prescott					57380
				999	9	Balance of county					99999
	015	311	1			Yuma		027	3	9360	
				023	4	Yuma					85540
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
04						Arkansas	05				
	001	000	2			Arkansas		001	6	0000	
				024	6	Stuttgart					67490
				999	9	Balance of county					99999
	002	000	2			Ashley		003	6	0000	
	003	000	2			Baxter		005	5	0000	
	004	092	1			Benton		007	4	2580	
				003	6	Bentonville					05320
				019	6	Rogers					60410
				023	5	Springdale, part					66080
				999	9	Balance of county					99999
	005	000	2			Boone		009	5	0000	
	006	000	2			Bradley		011	6	0000	
	007	000	2			Calhoun		013	6	0000	
	008	000	2			Carroll		015	6	0000	
	009	000	2			Chicot		017	6	0000	
	010	000	2			Clark		019	6	0000	
				001	6	Arkadelphia					01870
				999	9	Balance of county					99999
	011	000	2			Clay		021	6	0000	
	012	000	2			Cleburne		023	6	0000	
	013	000	2			Cleveland		025	6	0000	
	014	000	2			Columbia		027	5	0000	
				015	6	Magnolia					43460
				999	9	Balance of county					99999
	015	000	2			Conway		029	6	0000	
	016	000	2			Craighead		031	4	0000	
				013	5	Jonesboro					35710
				999	9	Balance of county					99999
	017	100	1			Crawford		033	5	2720	
				026	6	Van Buren					71480
				999	9	Balance of county					99999
	018	178	1			Crittenden		035	5	4920	
				028	5	West Memphis					74540
				999	9	Balance of county					99999
	019	000	2			Cross		037	6	0000	
	020	000	2			Dallas		039	6	0000	
	021	000	2			Desha		041	6	0000	
	022	000	2			Drew		043	6	0000	
	023	166	1			Faulkner		045	4	4400	
				006	5	Conway					15190
				999	9	Balance of county					99999
	024	000	2			Franklin		047	6	0000	
	025	000	2			Fulton		049	6	0000	
	026	000	2			Garland		051	4	0000	
				011	5	Hot Springs					33460
				999	9	Balance of county					99999
	027	000	2			Grant		053	6	0000	
	028	000	2			Greene		055	5	0000	
				017	6	Paragould					53390
				999	9	Balance of county					99999
	029	000	2			Hempstead		057	6	0000	
	030	000	2			Hot Spring		059	5	0000	
	031	000	2			Howard		061	6	0000	
	032	000	2			Independence		063	5	0000	
	033	000	2			Izard		065	6	0000	
	034	000	2			Jackson		067	6	0000	
	035	216	1			Jefferson		069	4	6240	
				018	4	Pine Bluff					55310
				999	9	Balance of county					99999
	036	000	2			Johnson		071	6	0000	
	037	000	2			Lafayette		073	6	0000	
	038	000	2			Lawrence		075	6	0000	
	039	000	2			Lee		077	6	0000	
	040	000	2			Lincoln		079	6	0000	
	041	000	2			Little River		081	6	0000	
	042	000	2			Logan		083	6	0000	
	043	166	1			Lonoke		085	5	4400	
	044	000	2			Madison		087	6	0000	
	045	000	2			Marion		089	6	0000	
	046	281	1			Miller		091	5	8360	
				025	6	Texarkana					68810
				999	9	Balance of county					99999
	047	000	2			Mississippi		093	4	0000	
				004	6	Blytheville					07330

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
04						Arkansas	05				
	047					Mississippi, con.	093	4		0000	
				999	9	Balance of county					99999
	048	000	2	999	9	Monroe	095	6		0000	
	049	000	2	999	9	Montgomery	097	6		0000	
	050	000	2	999	9	Nevada	099	6		0000	
	051	000	2	999	9	Newton	101	6		0000	
	052	000	2			Ouachita	103	5		0000	
				005	6	Camden					10720
				999	9	Balance of county					99999
	053	000	2	999	9	Perry	105	6		0000	
	054	000	2			Phillips	107	5		0000	
				027	6	West Helena					74450
				999	9	Balance of county					99999
	055	000	2	999	9	Pike	109	6		0000	
	056	000	2	999	9	Poinsett	111	6		0000	
	057	000	2	999	9	Polk	113	6		0000	
	058	000	2			Pope	115	5		0000	
				020	6	Russellville					61670
				999	9	Balance of county					99999
	059	000	2	999	9	Prairie	117	6		0000	
	060	166	1			Pulaski	119	2		4400	
				012	5	Jacksonville					34750
				014	3	Little Rock					41000
				016	4	North Little Rock					50450
				022	6	Sherwood					63800
				999	9	Balance of county					99999
	061	000	2	999	9	Randolph	121	6		0000	
	062	000	2			St. Francis	123	5		0000	
				009	6	Forrest City					24430
				999	9	Balance of county					99999
	063	166	1			Saline	125	4		4400	
				002	6	Benton					05290
				999	9	Balance of county					99999
	064	000	2	999	9	Scott	127	6		0000	
	065	000	2	999	9	Searcy	129	6		0000	
	066	100	1			Sebastian	131	4		2720	
				010	4	Fort Smith					24550
				999	9	Balance of county					99999
	067	000	2	999	9	Sevier	133	6		0000	
	068	000	2	999	9	Sharp	135	6		0000	
	069	000	2	999	9	Stone	137	6		0000	
	070	000	2			Union	139	5		0000	
				007	6	El Dorado					21070
				999	9	Balance of county					99999
	071	000	2	999	9	Van Buren	141	6		0000	
	072	092	1			Washington	143	3		2580	
				008	5	Fayetteville					23290
				023	5	Springdale, part					66080
				999	9	Balance of county					99999
	073	000	2			White	145	4		0000	
				021	6	Searcy					63020
				999	9	Balance of county					99999
	074	000	2	999	9	Woodruff	147	6		0000	
	075	000	2	999	9	Yell	149	6		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	001	201	1			Alameda		001	0	5775	
				002	4	Alameda					00562
				003	6	Albany					00674
				025	3	Berkeley					06000
				073	6	Dublin					20018
				090	3	Fremont					26000
				103	3	Hayward					33000
				135	4	Livermore					41992
				173	5	Newark					50916
				179	2	Oakland					53000
				199	6	Piedmont					56938
				204	4	Pleasanton					57792
				242	4	San Leandro					68084
				287	4	Union City					81204
				999	9	Balance of county					99999
	002	000	2	999	9	Alpine		003	6	0000	
	003	000	2	999	9	Amador		005	5	0000	
	004	056	1			Butte		007	3	1620	
				042	5	Chico					13014
				184	6	Oroville					54386
				193	5	Paradise					55520
				999	9	Balance of county					99999
	005	000	2	999	9	Calaveras		009	5	0000	
	006	000	2	999	9	Colusa		011	6	0000	
	007	201	1			Contra Costa		013	1	5775	
				006	4	Antioch					02252
				052	3	Concord					16000
				064	5	Danville					17988
				077	6	El Cerrito					21796
				105	6	Hercules					33308
				118	6	Lafayette					39122
				151	5	Martinez					46114
				167	6	Moraga Town					49194
				183	6	Orinda					54232
				200	6	Pinole					57288
				201	5	Pittsburg					57456
				203	5	Pleasant Hill					57764
				218	4	Richmond					60620
				247	5	San Pablo					68294
				249	5	San Ramon					68378
				295	4	Walnut Creek					83346
				999	9	Balance of county					99999
	008	000	2	999	9	Del Norte		015	6	0000	
	009	239	1			El Dorado		017	3	6920	
				270	6	South Lake Tahoe					73108
				999	9	Balance of county					99999
	010	104	1			Fresno		019	1	2840	
				047	4	Clovis					14218
				091	2	Fresno					27000
				216	6	Reedley					60242
				238	6	Sanger					67056
				264	6	Selma					70882
				999	9	Balance of county					99999
	011	000	2	999	9	Glenn		021	6	0000	
	012	000	2			Humboldt		023	3	0000	
				009	6	Arcata					02476
				083	5	Eureka					23042
				999	9	Balance of county					99999
	013	000	2			Imperial		025	3	0000	
				027	6	Brawley					08058
				032	6	Calexico					09710
				076	5	El Centro					21782
				999	9	Balance of county					99999
	014	000	2	999	9	Inyo		027	6	0000	
	015	020	1			Kern		029	1	0680	
				016	3	Bakersfield					03526
				066	6	Delano					18394
				219	5	Ridgecrest					60704
				296	6	Wasco					83542
				999	9	Balance of county					99999
	016	000	2			Kings		031	3	0000	
				053	6	Corcoran					16224
				100	5	Hanford					31960
				134	6	Lemoore					41152

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	016					Kings, con.		031	3	0000	
				999	9	Balance of county					99999
	017	000	2			Lake		033	4	0000	
				046	6	Clearlake					13945
				999	9	Balance of county					99999
	018	000	2			Lassen		035	5	0000	
	019	168	1			Los Angeles		037	0	4480	
				001	6	Agoura Hills					00394
				004	4	Alhambra					00884
				008	5	Arcadia					02462
				011	6	Artesia					02896
				015	5	Azusa					03386
				017	4	Baldwin Park					03666
				020	5	Bell					04870
				021	4	Bellflower					04982
				022	5	Bell Gardens					04996
				026	5	Beverly Hills					06308
				030	4	Burbank					08954
				038	4	Carson					11530
				041	4	Cerritos					12552
				045	5	Claremont					13756
				050	6	Commerce					14974
				051	4	Compton					15044
				057	5	Covina					16742
				058	6	Cudahy					17498
				059	5	Culver City					17568
				068	4	Diamond Bar					19192
				071	4	Downey					19766
				072	6	Duarte					19990
				078	3	El Monte					22230
				080	6	El Segundo					22412
				093	5	Gardena					28168
				096	3	Glendale					30000
				097	5	Glendora					30014
				101	6	Hawaiian Gardens					32506
				102	4	Hawthorne					32548
				106	6	Hermosa Beach					33364
				112	4	Huntington Park					36056
				115	3	Inglewood					36546
				117	6	La Canada Flintridge					39003
				123	4	Lakewood					39892
				125	5	La Mirada					40032
				126	4	Lancaster					40130
				128	5	La Puente					40340
				131	5	La Verne					40830
				132	5	Lawndale					40886
				138	6	Lomita					42468
				140	2	Long Beach					43000
				143	0	Los Angeles					44000
				146	4	Lynwood					44574
				148	5	Manhattan Beach					45400
				153	5	Maywood					46492
				161	5	Monrovia					48648
				163	4	Montebello					48816
				165	4	Monterey Park					48914
				176	4	Norwalk					52526
				188	4	Palmdale					55156
				192	6	Palos Verdes Estates					55380
				194	5	Paramount					55618
				195	3	Pasadena					56000
				198	4	Pico Rivera					56924
				205	3	Pomona					58072
				210	5	Rancho Palos Verdes					59514
				214	4	Redondo Beach					60018
				223	4	Rosemead					62896
				234	5	San Dimas					66070
				235	6	San Fernando					66140
				237	5	San Gabriel					67042
				245	6	San Marino					68224
				253	3	Santa Clarita					69088
				255	6	Santa Fe Springs					69154
				257	4	Santa Monica					70000
				265	6	Sierra Madre					71806
				268	6	South El Monte					72996

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	019					Los Angeles, con.		037	0	4480	
				269	4	South Gate					73080
				271	6	South Pasadena					73220
				278	5	Temple City					78148
				280	3	Torrance					80000
				294	5	Walnut					83332
				298	4	West Covina					84200
				299	5	West Hollywood					84410
				302	4	Whittier					85292
				999	9	Balance of county					99999
	020	104	1			Madera		039	4	2840	
				147	5	Madera					45022
				999	9	Balance of county					99999
	021	250	1			Marin		041	3	7360	
				130	6	Larkspur					40438
				157	6	Mill Valley					47710
				177	5	Novato					52582
				227	6	San Anselmo					64434
				248	5	San Rafael					68364
				999	9	Balance of county					99999
	022	000	2			Mariposa		043	6	0000	
	023	000	2			Mendocino		045	4	0000	
				286	6	Ukiah					81134
				999	9	Balance of county					99999
	024	179	1			Merced		047	3	4940	
				013	6	Atwater					03162
				144	6	Los Banos					44028
				155	4	Merced					46898
				999	9	Balance of county					99999
	025	000	2			Modoc		049	6	0000	
	026	000	2			Mono		051	6	0000	
	027	245	1			Monterey		053	2	7120	
				150	5	Marina					45778
				164	5	Monterey					48872
				187	6	Pacific Grove					54848
				226	3	Salinas					64224
				263	5	Seaside					70742
				999	9	Balance of county					99999
	028	290	1			Napa		055	3	8720	
				171	4	Napa					50258
				999	9	Balance of county					99999
	029	000	2			Nevada		057	4	0000	
	030	207	1			Orange		059	0	5945	
				005	2	Anaheim					02000
				028	5	Brea					08100
				029	4	Buena Park					08786
				056	4	Costa Mesa					16532
				061	5	Cypress					17750
				063	5	Dana Point					17946
				089	4	Fountain Valley					25380
				092	3	Fullerton					28000
				094	3	Garden Grove					29000
				111	3	Huntington Beach					36000
				116	3	Irvine					36770
				119	6	Laguna Beach					39178
				120	5	Laguna Niguel					39248
				121	4	La Habra					39290
				127	6	La Palma					40256
				141	6	Los Alamitos					43224
				159	4	Mission Viejo					48256
				174	4	Newport Beach					51182
				182	3	Orange					53980
				202	5	Placentia					57526
				232	5	San Clemente					65084
				241	5	San Juan Capistrano					68028
				250	2	Santa Ana					69000
				262	5	Seal Beach					70686
				273	5	Stanton					73962
				284	4	Tustin					80854
				300	4	Westminster					84550
				304	4	Yorba Linda					86832
				999	9	Balance of county					99999
	031	239	1			Placer		061	3	6920	
				014	6	Auburn					03204

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	031					Placer, con.	061	3		6920	
				221	6	Rocklin					62364
				224	5	Roseville					62938
				999	9	Balance of county					99999
	032	000	2	999	9	Plumas	063	6		0000	
	033	233	1			Riverside	065	0		6780	
				018	6	Banning					03820
				039	5	Cathedral City					12048
				048	6	Coachella					14260
				054	4	Corona					16350
				067	6	Desert Hot Springs					18996
				104	5	Hemet					33182
				114	5	Indio					36448
				122	6	Lake Elsinore					39486
				129	6	La Quinta					40354
				168	3	Moreno Valley					49270
				175	6	Norco					51560
				189	6	Palm Desert					55184
				190	5	Palm Springs					55254
				196	6	Perris					56700
				220	3	Riverside					62000
				239	6	San Jacinto					67112
				277	5	Temecula					78120
				999	9	Balance of county					99999
	034	239	1			Sacramento	067	0		6920	
				086	5	Folsom					24638
				225	2	Sacramento					64000
				999	9	Balance of county					99999
	035	000	2			San Benito	069	5		0000	
				110	6	Hollister					34120
				999	9	Balance of county					99999
	036	233	1			San Bernardino	071	0		6780	
				007	5	Apple Valley					02364
				019	6	Barstow					04030
				043	4	Chino					13210
				049	5	Colton					14890
				087	4	Fontana					24680
				098	6	Grand Terrace					30658
				107	4	Hesperia					33434
				108	5	Highland					33588
				137	6	Loma Linda					42370
				162	5	Montclair					48788
				181	3	Ontario					53896
				209	3	Rancho Cucamonga					59451
				213	4	Redlands					59962
				217	4	Rialto					60466
				228	3	San Bernardino					65000
				285	6	Twentynine Palms					80994
				288	4	Upland					81344
				291	5	Victorville					82590
				306	5	Yucaipa					87042
				999	9	Balance of county					99999
	037	249	1			San Diego	073	0		7320	
				036	4	Carlsbad					11194
				044	3	Chula Vista					13392
				055	5	Coronado					16378
				075	4	El Cajon					21712
				081	4	Encinitas					22678
				082	3	Escondido					22804
				113	5	Imperial Beach					36294
				124	4	La Mesa					40004
				133	6	Lemon Grove					41124
				172	4	National City					50398
				180	3	Oceanside					53322
				208	5	Poway					58520
				233	0	San Diego					66000
				244	5	San Marcos					68196
				260	4	Santee					70224
				267	6	Solana Beach					72506
				293	4	Vista					82996
				999	9	Balance of county					99999
	038	250	1	236	1	San Francisco, coext. with San Francisco	075	1		7360	67000
	039	274	1			San Joaquin	077	2		8120	
				136	4	Lodi					42202

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	039					San Joaquin, con.		077	2	8120	
				149	5	Manteca					45484
				274	3	Stockton					75000
				281	5	Tracy					80238
				999	9	Balance of county					99999
	040	252	1			San Luis Obispo		079	3	7460	
				010	6	Arroyo Grande					02868
				012	6	Atascadero					03064
				079	6	El Paso de Robles					22300
				099	6	Grover City					31400
				243	5	San Luis Obispo					68154
				999	9	Balance of county					99999
	041	250	1			San Mateo		081	1	7360	
				023	6	Belmont					05108
				031	5	Burlingame					09066
				062	4	Daly City					17918
				074	6	East Palo Alto					20956
				088	5	Foster City					25338
				109	6	Hillsborough					33798
				154	5	Menlo Park					46870
				156	6	Millbrae					47486
				186	5	Pacifica					54806
				215	4	Redwood City					60102
				229	5	San Bruno					65028
				231	5	San Carlos					65070
				246	4	San Mateo					68252
				272	4	South San Francisco					73262
				999	9	Balance of county					99999
	042	253	1			Santa Barbara		083	2	7480	
				037	6	Carpinteria					11446
				139	5	Lompoc					42524
				251	4	Santa Barbara					69070
				256	4	Santa Maria					69196
				999	9	Balance of county					99999
	043	251	1			Santa Clara		085	0	7400	
				034	5	Campbell					10340
				060	5	Cupertino					17610
				095	5	Gilroy					29504
				142	5	Los Altos					43280
				145	5	Los Gatos					44112
				158	4	Milpitas					47766
				169	6	Morgan Hill					49278
				170	4	Mountain View					49670
				191	4	Palo Alto					55282
				240	1	San Jose					68000
				252	4	Santa Clara					69084
				261	5	Saratoga					70280
				276	3	Sunnyvale					77000
				999	9	Balance of county					99999
	044	254	1			Santa Cruz		087	3	7485	
				035	6	Capitola					11040
				254	5	Santa Cruz					69112
				297	5	Watsonville					83668
				999	9	Balance of county					99999
	045	229	1			Shasta		089	3	6690	
				212	4	Redding					59920
				999	9	Balance of county					99999
	046	000	2			Sierra		091	6	0000	
	047	000	2			Siskiyou		093	5	0000	
	048	290	1			Solano		095	2	8720	
				024	6	Benicia					05290
				070	6	Dixon					19402
				084	4	Fairfield					23182
				275	6	Suisun City					75630
				289	4	Vacaville					81554
				290	3	Vallejo					81666
				999	9	Balance of county					99999
	049	256	1			Sonoma		097	2	7500	
				197	5	Petaluma					56784
				222	5	Rohnert Park					62546
				259	3	Santa Rosa					70098
				999	9	Balance of county					99999
	050	185	1			Stanislaus		099	2	5170	
				040	5	Ceres					12524

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
05						California	06				
	050					Stanislaus, con.		099	2	5170	
				160	3	Modesto					48354
				178	6	Oakdale					52694
				283	5	Turlock					80812
				999	9	Balance of county					99999
	051	310	1			Sutter		101	4	9340	
				305	5	Yuba City					86972
				999	9	Balance of county					99999
	052	000	2			Tehama		103	5	0000	
				211	6	Red Bluff					59892
				999	9	Balance of county					99999
	053	000	2			Trinity		105	6	0000	
	054	294	1			Tulare		107	2	8780	
				069	6	Dinuba					19318
				206	5	Porterville					58240
				282	5	Tulare					80644
				292	4	Visalia					82954
				999	9	Balance of county					99999
	055	000	2			Tuolumne		109	5	0000	
	056	291	1			Ventura		111	1	8735	
				033	4	Camarillo					10046
				085	6	Fillmore					24092
				166	5	Moorpark					49138
				185	3	Oxnard					54652
				207	6	Port Hueneme					58296
				230	4	San Buenaventura (Ventura)					65042
				258	5	Santa Paula					70042
				266	3	Simi Valley					72016
				279	3	Thousand Oaks					78582
				999	9	Balance of county					99999
	057	307	1			Yolo		113	3	9270	
				065	5	Davis					18100
				301	5	West Sacramento					84816
				303	5	Woodland					86328
				999	9	Balance of county					99999
	058	310	1			Yuba		115	4	9340	
				152	6	Marysville					46170
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
06						Colorado	08				
	001	074	1			Adams		001	2	2080	
				001	4	Arvada, part					03455
				002	3	Aurora, part					04000
				004	6	Brighton, part					08675
				005	6	Broomfield, part					09280
				008	6	Commerce City					16495
				023	5	Northglenn					54330
				026	4	Thornton					77290
				027	4	Westminster, part					83835
				999	9	Balance of county					99999
	002	000	2	999	9	Alamosa		003	6	0000	
	003	074	1			Arapahoe		005	2	2080	
				002	3	Aurora, part					04000
				011	5	Englewood					24785
				019	5	Littleton, part					45255
				999	9	Balance of county					99999
	004	000	2	999	9	Archuleta		007	6	0000	
	005	000	2	999	9	Baca		009	6	0000	
	006	000	2	999	9	Bent		011	6	0000	
	007	038	1			Boulder		013	3	1125	
				003	4	Boulder					07850
				005	6	Broomfield, part					09280
				017	6	Lafayette					41835
				020	4	Longmont					45970
				021	6	Louisville					46355
				999	9	Balance of county					99999
	008	000	2	999	9	Chaffee		015	6	0000	
	009	000	2	999	9	Cheyenne		017	6	0000	
	010	000	2	999	9	Clear Creek		019	6	0000	
	011	000	2	999	9	Conejos		021	6	0000	
	012	000	2	999	9	Costilla		023	6	0000	
	013	000	2	999	9	Crowley		025	6	0000	
	014	000	2	999	9	Custer		027	6	0000	
	015	000	2	999	9	Delta		029	6	0000	
	016	074	1	009	2	Denver, coext. with Denver city		031	2	2080	20000
	017	000	2	999	9	Dolores		033	6	0000	
	018	074	1			Douglas		035	4	2080	
				002	3	Aurora, part					04000
				019	5	Littleton, part					45255
				999	9	Balance of county					99999
	019	000	2	999	9	Eagle		037	6	0000	
	020	000	2	999	9	Elbert		039	6	0000	
	021	060	1			El Paso		041	2	1720	
				007	2	Colorado Springs					16000
				013	6	Fountain					27865
				999	9	Balance of county					99999
	022	000	2			Fremont		043	5	0000	
				006	6	Canon City					11810
				999	9	Balance of county					99999
	023	000	2	999	9	Garfield		045	5	0000	
	024	000	2	999	9	Gilpin		047	6	0000	
	025	000	2	999	9	Grand		049	6	0000	
	026	000	2	999	9	Gunnison		051	6	0000	
	027	000	2	999	9	Hinsdale		053	6	0000	
	028	000	2	999	9	Huerfano		055	6	0000	
	029	000	2	999	9	Jackson		057	6	0000	
	030	074	1			Jefferson		059	2	2080	
				001	4	Arvada, part					03455
				005	6	Broomfield, part					09280
				014	6	Golden					30835
				018	3	Lakewood					43000
				027	4	Westminster, part					83835
				028	5	Wheat Ridge					84440
				999	9	Balance of county					99999
	031	000	2	999	9	Kiowa		061	6	0000	
	032	000	2	999	9	Kit Carson		063	6	0000	
	033	000	2	999	9	Lake		065	6	0000	
	034	000	2			La Plata		067	5	0000	
				010	6	Durango					22035
				999	9	Balance of county					99999
	035	096	1			Larimer		069	3	2670	
				012	4	Fort Collins					27425
				022	5	Loveland					46465
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
06						Colorado	08				
	036	000	2	999	9	Las Animas		071	6	0000	
	037	000	2	999	9	Lincoln		073	6	0000	
	038	000	2			Logan		075	6	0000	
				025	6	Sterling					73935
				999	9	Balance of county					99999
	039	000	2			Mesa		077	4	0000	
				015	5	Grand Junction					31660
				999	9	Balance of county					99999
	040	000	2	999	9	Mineral		079	6	0000	
	041	000	2	999	9	Moffat		081	6	0000	
	042	000	2	999	9	Montezuma		083	6	0000	
	043	000	2	999	9	Montrose		085	6	0000	
	044	000	2	999	9	Morgan		087	6	0000	
	045	000	2	999	9	Otero		089	6	0000	
	046	000	2	999	9	Ouray		091	6	0000	
	047	000	2	999	9	Park		093	6	0000	
	048	000	2	999	9	Phillips		095	6	0000	
	049	000	2	999	9	Pitkin		097	6	0000	
	050	000	2	999	9	Prowers		099	6	0000	
	051	223	1			Pueblo		101	3	6560	
				024	4	Pueblo					62000
				999	9	Balance of county					99999
	052	000	2	999	9	Rio Blanco		103	6	0000	
	053	000	2	999	9	Rio Grande		105	6	0000	
	054	000	2	999	9	Routt		107	6	0000	
	055	000	2	999	9	Saguache		109	6	0000	
	056	000	2	999	9	San Juan		111	6	0000	
	057	000	2	999	9	San Miguel		113	6	0000	
	058	000	2	999	9	Sedgwick		115	6	0000	
	059	000	2	999	9	Summit		117	6	0000	
	060	000	2	999	9	Teller		119	6	0000	
	061	000	2	999	9	Washington		121	6	0000	
	062	114	1			Weld		123	3	3060	
				004	6	Brighton, part					08675
				005	6	Broomfield, part					09280
				016	4	Greeley					32155
				999	9	Balance of county					99999
	063	000	2	999	9	Yuma		125	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
07						Connecticut	09				
	001	194	1			Fairfield		001	1	5483	
				002	6	Bethel town					04720
				004	3	Bridgeport					08000
				007	4	Danbury					18430
				008	6	Darien town					18920
				014	4	Fairfield town					26620
				016	4	Greenwich town					33620
				029	4	Norwalk					55990
				033	5	Shelton					68100
				035	3	Stamford					73000
				036	5	Stratford town					74260
				038	5	Trumbull town					77270
				044	6	Westport town					83500
				999	9	Balance of county					99999
	002	122	1			Hartford		003	1	3283	
				005	4	Bristol					08420
				011	4	East Hartford town					22630
				013	5	Enfield town					25990
				015	5	Glastonbury town					31240
				018	3	Hartford					37000
				019	4	Manchester town					44700
				024	4	New Britain					50370
				026	5	Newington town					52210
				031	6	Plainville town					60120
				032	6	Rocky Hill town					65370
				034	5	Southington town					70550
				042	4	West Hartford town					82590
				045	5	Wethersfield town					84900
				046	6	Windsor Locks town					87070
				047	5	Windsor town					87000
				999	9	Balance of county					99999
	003	000	2			Litchfield		005	3	0000	
				037	5	Torrington					76500
				999	9	Balance of county					99999
	004	122	1			Middlesex		007	3	3283	
				021	5	Middletown					47290
				999	9	Balance of county					99999
	005	194	1			New Haven		009	1	5483	
				001	6	Ansonia					01150
				003	5	Branford town					07310
				006	5	Cheshire town					14160
				009	6	Derby					19480
				009	6	Derby					19480
				012	5	East Haven town					22980
				017	4	Hamden town					35650
				020	4	Meriden					46450
				022	5	Milford					47500
				023	5	Naugatuck borough					49880
				025	3	New Haven					52000
				028	6	North Haven town					54870
				040	5	Wallingford town					78740
				041	3	Waterbury					80000
				043	4	West Haven					82800
				999	9	Balance of county					99999
	006	195	1			New London		011	2	5523	
				027	5	New London					52280
				030	5	Norwich					56200
				999	9	Balance of county					99999
	007	122	1			Tolland		013	3	3283	
				039	5	Vernon town					78250
				999	9	Balance of county					99999
	008	000	2			Windham		015	3	0000	

Vital Statistics Geographic Code Outline For The United States
 Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
08						Delaware	10				
	001	078	1			Kent		001	3	2190	
				001	5	Dover					21200
				999	9	Balance of county					99999
	002	304	1			New Castle		003	2	9160	
				002	5	Newark					50670
				003	4	Wilmington					77580
				999	9	Balance of county					99999
	003	000	2	999	9	Sussex		005	3	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
09	001	296	1	001	1	District of Columbia	11	001	1	8840	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
10						Florida	12				
	001	106	1			Alachua		001	3	2900	
				032	4	Gainesville					25175
				999	9	Balance of county					99999
	002	000	2			Baker		003	6	0000	
	003	210	1			Bay		005	3	6015	
				009	6	Callaway					09725
				080	5	Panama City					54700
				999	9	Balance of county					99999
	004	000	2			Bradford		007	6	0000	
	005	177	1			Brevard		009	2	4900	
				013	6	Cocoa					13150
				014	6	Cocoa Beach					13175
				055	4	Melbourne					43975
				078	4	Palm Bay					54000
				091	6	Rockledge					61500
				110	5	Titusville					71900
				999	9	Balance of county					99999
	006	097	1			Broward		011	0	2680	
				015	5	Coconut Creek					13275
				016	6	Cooper City					14125
				018	4	Coral Springs					14400
				019	6	Dania					16325
				020	5	Davie					16475
				022	5	Deerfield Beach					16725
				028	3	Fort Lauderdale					24000
				036	5	Hallandale					28450
				039	3	Hollywood					32000
				049	5	Lauderdale Lakes					39525
				050	5	Lauderhill					39550
				052	6	Lighthouse Point					40450
				054	5	Margate					43125
				060	5	Miramar					45975
				065	5	North Lauderdale					49425
				070	5	Oakland Park					50575
				081	4	Pembroke Pines					55775
				084	4	Plantation					57425
				086	4	Pompano Beach					58050
				103	4	Sunrise					69700
				106	5	Tamarac					70675
				114	6	Wilton Manors					78000
				999	9	Balance of county					99999
	007	000	2			Calhoun		013	6	0000	
	008	224	1			Charlotte		015	3	6580	
				089	6	Punta Gorda					59200
				999	9	Balance of county					99999
	009	000	2			Citrus		017	4	0000	
	010	135	1			Clay		019	3	3600	
	011	191	1			Collier		021	3	5345	
				061	6	Naples					47625
				999	9	Balance of county					99999
	012	000	2			Columbia		023	5	0000	
	013	180	1			Dade		025	0	5000	
				017	5	Coral Gables					14250
				037	3	Hialeah					30000
				040	5	Homestead					32275
				056	2	Miami					45000
				057	4	Miami Beach					45025
				058	6	Miami Shores					45175
				059	6	Miami Springs					45200
				066	5	North Miami					49450
				067	5	North Miami Beach					49475
				073	6	Opa-locka					51650
				101	6	South Miami					67550
				104	6	Sweetwater					70275
				999	9	Balance of county					99999
	014	000	2			De Soto		027	6	0000	
	015	000	2			Dixie		029	6	0000	
	016	135	1			Duval		031	1	3600	
				003	6	Atlantic Beach					02400
				041	1	Jacksonville					35000
				042	6	Jacksonville Beach					35050
				999	9	Balance of county					99999
	017	212	1			Escambia		033	2	6080	
				082	4	Pensacola					55925

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
10						Florida	12				
	017					Escambia, con.		033	2	6080	
				999	9	Balance of county					99999
	018	071	1	999	9	Flagler		035	5	2020	
	019	000	2	999	9	Franklin		037	6	0000	
	020	278	1	999	9	Gadsden		039	5	8240	
	021	000	2	999	9	Gilchrist		041	6	0000	
	022	000	2	999	9	Glades		043	6	0000	
	023	000	2	999	9	Gulf		045	6	0000	
	024	000	2	999	9	Hamilton		047	6	0000	
	025	000	2	999	9	Hardee		049	6	0000	
	026	000	2	999	9	Hendry		051	5	0000	
	027	279	1	999	9	Hernando		053	3	8280	
	028	000	2	999	9	Highlands		055	4	0000	
	029	279	1			Hillsborough		057	1	8280	
				085	6	Plant City					57550
				107	2	Tampa					71000
				109	6	Temple Terrace					71400
				999	9	Balance of county					99999
	030	000	2	999	9	Holmes		059	6	0000	
	031	000	2			Indian River		061	4	0000	
				099	6	Sebastian					64825
				112	6	Vero Beach					74150
				999	9	Balance of county					99999
	032	000	2	999	9	Jackson		063	5	0000	
	033	000	2	999	9	Jefferson		065	6	0000	
	034	000	2	999	9	Lafayette		067	6	0000	
	035	208	1			Lake		069	3	5960	
				027	6	Eustis					21350
				051	6	Leesburg					39875
				999	9	Balance of county					99999
	036	098	1			Lee		071	2	2700	
				010	4	Cape Coral					10275
				029	5	Fort Myers					24125
				999	9	Balance of county					99999
	037	278	1			Leon		073	3	8240	
				105	3	Tallahassee					70600
				999	9	Balance of county					99999
	038	000	2	999	9	Levy		075	5	0000	
	039	000	2	999	9	Liberty		077	6	0000	
	040	000	2	999	9	Madison		079	6	0000	
	041	257	1			Manatee		081	3	7510	
				008	5	Bradenton					07950
				999	9	Balance of county					99999
	042	202	1			Marion		083	3	5790	
				071	5	Ocala					50750
				999	9	Balance of county					99999
	043	099	1			Martin		085	3	2710	
				102	6	Stuart					68875
				999	9	Balance of county					99999
	044	000	2			Monroe		087	4	0000	
				044	6	Key West					36550
				999	9	Balance of county					99999
	045	135	1	999	9	Nassau		089	5	3600	
	046	101	1			Okaloosa		091	3	2750	
				031	6	Fort Walton Beach					24475
				064	6	Niceville					48750
				999	9	Balance of county					99999
	047	000	2	999	9	Okeechobee		093	5	0000	
	048	208	1			Orange		095	1	5960	
				002	6	Apopka					01700
				072	6	Ocoee					51075
				074	3	Orlando					53000
				116	6	Winter Park					78300
				999	9	Balance of county					99999
	049	208	1			Osceola		097	3	5960	
				045	5	Kissimmee					36950
				095	6	St. Cloud					62625
				999	9	Balance of county					99999
	050	299	1			Palm Beach		099	1	8960	
				005	6	Belle Glade					05200
				006	4	Boca Raton					07300
				007	5	Boynton Beach					07875
				024	5	Delray Beach					17100
				033	6	Greenacres City					27325

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
10						Florida	12				
	050					Palm Beach, con.		099	1	8960	
				043	6	Jupiter					35875
				047	5	Lake Worth					39075
				068	6	North Palm Beach					49600
				079	6	Palm Beach Gardens					54075
				090	5	Riviera Beach					60975
				092	6	Royal Palm Beach					62100
				113	4	West Palm Beach					76600
				999	9	Balance of county					99999
	051	279	1			Pasco		101	2	8280	
				062	6	New Port Richey					48500
				999	9	Balance of county					99999
	052	279	1			Pinellas		103	1	8280	
				012	4	Clearwater					12875
				025	5	Dunedin					18575
				034	6	Gulfport					28175
				048	4	Largo					39425
				083	5	Pinellas Park					56975
				093	6	Safety Harbor					62425
				096	3	St. Petersburg					63000
				108	6	Tarpon Springs					71150
				999	9	Balance of county					99999
	053	154	1			Polk		105	2	3980	
				004	6	Bartow					03675
				035	6	Haines City					28400
				046	4	Lakeland					38250
				115	6	Winter Haven					78275
				999	9	Balance of county					99999
	054	000	2			Putnam		107	4	0000	
				077	6	Palatka					53875
				999	9	Balance of county					99999
	055	135	1			St. Johns		109	4	3600	
				094	6	St. Augustine					62500
				999	9	Balance of county					99999
	056	099	1			St. Lucie		111	3	2710	
				030	5	Fort Pierce					24300
				088	4	Port St. Lucie					58725
				999	9	Balance of county					99999
	057	212	1			Santa Rosa		113	4	6080	
	058	257	1			Sarasota		115	2	7510	
				069	6	North Port					49675
				098	4	Sarasota					64175
				111	6	Venice					73900
				999	9	Balance of county					99999
	059	208	1			Seminole		117	2	5960	
				001	5	Altamonte Springs					00950
				011	6	Casselberry					11050
				053	6	Longwood					41250
				076	6	Oviedo					53575
				097	5	Sanford					63650
				117	6	Winter Springs					78325
				999	9	Balance of county					99999
	060	000	2			Sumter		119	5	0000	
	061	000	2			Suwannee		121	5	0000	
	062	000	2			Taylor		123	6	0000	
	063	000	2			Union		125	6	0000	
	064	071	1			Volusia		127	2	2020	
				021	4	Daytona Beach					16525
				023	6	DeLand					16875
				026	6	Edgewater					19825
				038	6	Holly Hill					31350
				063	6	New Smyrna Beach					48625
				075	5	Ormond Beach					53150
				087	5	Port Orange					58575
				100	6	South Daytona					67325
				999	9	Balance of county					99999
	065	000	2			Wakulla		129	6	0000	
	066	000	2			Walton		131	5	0000	
	067	000	2			Washington		133	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	001	000	2	999	9	Appling		001	6	0000	
	002	000	2	999	9	Atkinson		003	6	0000	
	003	000	2	999	9	Bacon		005	6	0000	
	004	000	2	999	9	Baker		007	6	0000	
	005	000	2			Baldwin		009	5	0000	
				029	6	Milledgeville					51492
				999	9	Balance of county					99999
	006	000	2	999	9	Banks		011	6	0000	
	007	016	1	999	9	Barrow		013	5	0520	
	008	016	1			Bartow		015	4	0520	
				010	6	Cartersville					13688
				999	9	Balance of county					99999
	009	000	2	999	9	Ben Hill		017	6	0000	
	010	000	2	999	9	Berrien		019	6	0000	
	011	172	1			Bibb		021	3	4680	
				027	3	Macon, part					49000
				999	9	Balance of county					99999
	012	000	2	999	9	Bleckley		023	6	0000	
	013	000	2	999	9	Brantley		025	6	0000	
	014	000	2	999	9	Brooks		027	6	0000	
	015	258	1	999	9	Bryan		029	6	7520	
	016	000	2			Bulloch		031	5	0000	
				038	6	Statesboro					73256
				999	9	Balance of county					99999
	017	000	2	999	9	Burke		033	6	0000	
	018	000	2	999	9	Butts		035	6	0000	
	019	000	2	999	9	Calhoun		037	6	0000	
	020	000	2	999	9	Camden		039	5	0000	
	021	000	2	999	9	Candler		043	6	0000	
	022	016	1			Carroll		045	4	0520	
				009	6	Carrollton					13492
				999	9	Balance of county					99999
	023	053	1	999	9	Catoosa		047	5	1560	
	024	000	2	999	9	Charlton		049	6	0000	
	025	258	1			Chatham		051	3	7520	
				035	3	Savannah					69000
				999	9	Balance of county					99999
	026	063	1	999	9	Chattahoochee		053	6	1800	
	027	000	2	999	9	Chattooga		055	6	0000	
	028	016	1	999	9	Cherokee		057	4	0520	
	029	015	1			Clarke		059	4	0500	
				004	5	Athens					03432
				999	9	Balance of county					99999
	030	000	2	999	9	Clay		061	6	0000	
	031	016	1			Clayton		063	3	0520	
				011	6	College Park, part					17776
				021	6	Forest Park					30536
				999	9	Balance of county					99999
	032	000	2	999	9	Clinch		065	6	0000	
	033	016	1			Cobb		067	2	0520	
				028	5	Marietta					49756
				036	5	Smyrna					71492
				999	9	Balance of county					99999
	034	000	2			Coffee		069	5	0000	
				017	6	Douglas					23872
				999	9	Balance of county					99999
	035	000	2			Colquitt		071	5	0000	
				030	6	Moultrie					53060
				999	9	Balance of county					99999
	036	018	1	999	9	Columbia		073	4	0600	
	037	000	2	999	9	Cook		075	6	0000	
	038	016	1			Coweta		077	4	0520	
				031	6	Newnan					55020
				999	9	Balance of county					99999
	039	000	2	999	9	Crawford		079	6	0000	
	040	000	2			Crisp		081	6	0000	
				013	6	Cordele					19616
				999	9	Balance of county					99999
	041	053	1	999	9	Dade		083	6	1560	
	042	000	2	999	9	Dawson		085	6	0000	
	043	000	2			Decatur		087	5	0000	
				007	6	Bainbridge					04896
				999	9	Balance of county					99999
	044	016	1			De Kalb		089	1	0520	
				005	2	Atlanta, part					04000

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	044					De Kalb, con.		089	1	0520	
				016	6	Decatur					22052
				999	9	Balance of county					99999
	045	000	2			Dodge		091	6	0000	
	046	000	2			Dooly		093	6	0000	
	047	003	1			Dougherty		095	4	0120	
				001	4	Albany					01052
				999	9	Balance of county					99999
	048	016	1			Douglas		097	4	0520	
				018	6	Douglasville					23900
				999	9	Balance of county					99999
	049	000	2			Early		099	6	0000	
	050	000	2			Echols		101	6	0000	
	051	258	1			Effingham		103	5	7520	
	052	000	2			Elbert		105	6	0000	
	053	000	2			Emanuel		107	6	0000	
	054	000	2			Evans		109	6	0000	
	055	000	2			Fannin		111	6	0000	
	056	016	1			Fayette		113	4	0520	
				032	6	Peachtree City					59724
				999	9	Balance of county					99999
	057	000	2			Floyd		115	4	0000	
				033	5	Rome					66668
				999	9	Balance of county					99999
	058	016	1			Forsyth		117	5	0520	
	059	000	2			Franklin		119	6	0000	
	060	016	1			Fulton		121	1	0520	
				002	6	Alpharetta					01696
				005	2	Atlanta, part					04000
				011	6	College Park, part					17776
				020	5	East Point					25720
				034	5	Roswell					67284
				999	9	Balance of county					99999
	061	000	2			Gilmer		123	6	0000	
	062	000	2			Glascocock		125	6	0000	
	063	000	2			Glynn		127	4	0000	
				008	6	Brunswick					11560
				999	9	Balance of county					99999
	064	000	2			Gordon		129	5	0000	
	065	000	2			Grady		131	6	0000	
	066	000	2			Greene		133	6	0000	
	067	016	1			Gwinnett		135	2	0520	
				026	6	Lawrenceville					45488
				037	6	Snellville					71604
				999	9	Balance of county					99999
	068	000	2			Habersham		137	5	0000	
	069	000	2			Hall		139	4	0000	
				022	6	Gainesville					31908
				999	9	Balance of county					99999
	070	000	2			Hancock		141	6	0000	
	071	000	2			Haralson		143	6	0000	
	072	063	1			Harris		145	6	1800	
	073	000	2			Hart		147	6	0000	
	074	000	2			Heard		149	6	0000	
	075	016	1			Henry		151	4	0520	
	076	172	1			Houston		153	4	4680	
				043	5	Warner Robins					80508
				999	9	Balance of county					99999
	077	000	2			Irwin		155	6	0000	
	078	000	2			Jackson		157	5	0000	
	079	000	2			Jasper		159	6	0000	
	080	000	2			Jeff Davis		161	6	0000	
	081	000	2			Jefferson		163	6	0000	
	082	000	2			Jenkins		165	6	0000	
	083	000	2			Johnson		167	6	0000	
	084	172	1			Jones		169	6	4680	
				027	3	Macon, part					49000
				999	9	Balance of county					99999
	085	000	2			Lamar		171	6	0000	
	086	000	2			Lanier		173	6	0000	
	087	000	2			Laurens		175	5	0000	
				019	6	Dublin					24376
				999	9	Balance of county					99999
	088	003	1			Lee		177	6	0120	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	089	000	2			Liberty		179	4	0000	
				024	6	Hinesville					38964
				999	9	Balance of county					99999
	090	000	2			Lincoln		181	6	0000	
	091	000	2			Long		183	6	0000	
	092	000	2			Lowndes		185	4	0000	
				041	5	Valdosta					78800
				999	9	Balance of county					99999
	093	000	2			Lumpkin		187	6	0000	
	094	018	1			McDuffie		189	6	0600	
	095	000	2			McIntosh		191	6	0000	
	096	000	2			Macon		193	6	0000	
	097	015	1			Madison		195	6	0500	
	098	000	2			Marion		197	6	0000	
	099	000	2			Meriwether		199	6	0000	
	100	000	2			Miller		201	6	0000	
	101	000	2			Mitchell		205	6	0000	
	102	000	2			Monroe		207	6	0000	
	103	000	2			Montgomery		209	6	0000	
				042	6	Vidalia, part					79388
				999	9	Balance of county					99999
	104	000	2			Morgan		211	6	0000	
	105	000	2			Murray		213	5	0000	
	106	063	1			Muscogee		215	3	1800	
				012	3	Columbus					19000
				999	9	Balance of county					99999
	107	016	1			Newton		217	5	0520	
				014	6	Covington					20064
				999	9	Balance of county					99999
	108	015	1			Oconee		219	6	0500	
	109	000	2			Oglethorpe		221	6	0000	
	110	016	1			Paulding		223	5	0520	
	111	172	1			Peach		225	6	4680	
	112	016	1			Pickens		227	6	0520	
	113	000	2			Pierce		229	6	0000	
				044	6	Waycross, part					80956
				999	9	Balance of county					99999
	114	000	2			Pike		231	6	0000	
	115	000	2			Polk		233	5	0000	
	116	000	2			Pulaski		235	6	0000	
	117	000	2			Putnam		237	6	0000	
	118	000	2			Quitman		239	6	0000	
	119	000	2			Rabun		241	6	0000	
	120	000	2			Randolph		243	6	0000	
	121	018	1			Richmond		245	3	0600	
				006	5	Augusta					04196
				999	9	Balance of county					99999
	122	016	1			Rockdale		247	4	0520	
	123	000	2			Schley		249	6	0000	
	124	000	2			Screven		251	6	0000	
	125	000	2			Seminole		253	6	0000	
	126	016	1			Spalding		255	4	0520	
				023	6	Griffin					35324
				999	9	Balance of county					99999
	127	000	2			Stephens		257	6	0000	
	128	000	2			Stewart		259	6	0000	
	129	000	2			Sumter		261	5	0000	
				003	6	Americus					02116
				999	9	Balance of county					99999
	130	000	2			Talbot		263	6	0000	
	131	000	2			Taliaferro		265	6	0000	
	132	000	2			Tattnall		267	6	0000	
	133	000	2			Taylor		269	6	0000	
	134	000	2			Telfair		271	6	0000	
	135	000	2			Terrell		273	6	0000	
	136	000	2			Thomas		275	5	0000	
				039	6	Thomasville					76224
				999	9	Balance of county					99999
	137	000	2			Tift		277	5	0000	
				040	6	Tifton					76476
				999	9	Balance of county					99999
	138	000	2			Toombs		279	6	0000	
				042	6	Vidalia, part					79388
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
11						Georgia	13				
	139	000	2	999	9	Towns		281	6	0000	
	140	000	2	999	9	Treutlen		283	6	0000	
	141	000	2			Troup		285	4	0000	
				025	5	La Grange					44340
				999	9	Balance of county					99999
	142	000	2	999	9	Turner		287	6	0000	
	143	172	1	999	9	Twiggs		289	6	4680	
	144	000	2	999	9	Union		291	6	0000	
	145	000	2	999	9	Upson		293	5	0000	
	146	053	1	999	9	Walker		295	4	1560	
	147	016	1	999	9	Walton		297	5	0520	
	148	000	2			Ware		299	5	0000	
				044	6	Waycross, part					80956
				999	9	Balance of county					99999
	149	000	2	999	9	Warren		301	6	0000	
	150	000	2	999	9	Washington		303	6	0000	
	151	000	2	999	9	Wayne		305	6	0000	
	152	000	2	999	9	Webster		307	6	0000	
	153	000	2	999	9	Wheeler		309	6	0000	
	154	000	2	999	9	White		311	6	0000	
	155	000	2			Whitfield		313	4	0000	
				015	6	Dalton					21380
				999	9	Balance of county					99999
	156	000	2	999	9	Wilcox		315	6	0000	
	157	000	2	999	9	Wilkes		317	6	0000	
	158	000	2	999	9	Wilkinson		319	6	0000	
	159	000	2	999	9	Worth		321	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
12						Hawaii	15				
	001	000	2			Hawaii		001	3	0000	
				002	5	Hilo					14650
				999	9	Balance of county					99999
	002	125	1			Honolulu		003	1	3320	
				001	6	Ewa Beach					07450
				003	2	Honolulu					17000
				005	5	Kailua					23150
				006	5	Kaneohe					28250
				007	5	Mililani Town					51050
				008	5	Pearl City					62600
				009	6	Schofield Barracks					69050
				010	6	Wahiawa					72650
				012	5	Waipahu					79700
				999	9	Balance of county					99999
	003	000	2	999	9	Kalawao		005	6	0000	
	004	000	2	999	9	Kauai		007	4	0000	
	005	000	2			Maui		009	3	0000	
				004	6	Kahului					22700
				011	6	Wailuku					77450
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
13						Idaho	16				
	001	036	1			Ada		001	3	1080	
				001	3	Boise City					08830
				999	9	Balance of county					99999
	002	000	2			Adams		003	6	0000	
	003	000	2			Bannock		005	4	0000	
				008	5	Pocatello, part					64090
				999	9	Balance of county					99999
	004	000	2			Bear Lake		007	6	0000	
	005	000	2			Benewah		009	6	0000	
	006	000	2			Bingham		011	5	0000	
	007	000	2			Blaine		013	6	0000	
	008	000	2			Boise		015	6	0000	
	009	000	2			Bonner		017	5	0000	
	010	000	2			Bonneville		019	4	0000	
				004	5	Idaho Falls					39700
				999	9	Balance of county					99999
	011	000	2			Boundary		021	6	0000	
	012	000	2			Butte		023	6	0000	
	013	000	2			Camas		025	6	0000	
	014	036	1			Canyon		027	4	1080	
				002	6	Caldwell					12250
				007	5	Nampa					56260
				999	9	Balance of county					99999
	015	000	2			Caribou		029	6	0000	
	016	000	2			Cassia		031	6	0000	
	017	000	2			Clark		033	6	0000	
	018	000	2			Clearwater		035	6	0000	
	019	000	2			Custer		037	6	0000	
	020	000	2			Elmore		039	6	0000	
	021	000	2			Franklin		041	6	0000	
	022	000	2			Fremont		043	6	0000	
	023	000	2			Gem		045	6	0000	
	024	000	2			Gooding		047	6	0000	
	025	000	2			Idaho		049	6	0000	
	026	000	2			Jefferson		051	6	0000	
	027	000	2			Jerome		053	6	0000	
	028	000	2			Kootenai		055	4	0000	
				003	6	Coeur d'Alene					16750
				999	9	Balance of county					99999
	029	000	2			Latah		057	5	0000	
				006	6	Moscow					54550
				999	9	Balance of county					99999
	030	000	2			Lemhi		059	6	0000	
	031	000	2			Lewis		061	6	0000	
	032	000	2			Lincoln		063	6	0000	
	033	000	2			Madison		065	6	0000	
				009	6	Rexburg					67420
				999	9	Balance of county					99999
	034	000	2			Minidoka		067	6	0000	
	035	000	2			Nez Perce		069	5	0000	
				005	5	Lewiston					46540
				999	9	Balance of county					99999
	036	000	2			Oneida		071	6	0000	
	037	000	2			Owyhee		073	6	0000	
	038	000	2			Payette		075	6	0000	
	039	000	2			Power		077	6	0000	
				008	5	Pocatello, part					64090
				999	9	Balance of county					99999
	040	000	2			Shoshone		079	6	0000	
	041	000	2			Teton		081	6	0000	
	042	000	2			Twin Falls		083	4	0000	
				010	5	Twin Falls					82810
				999	9	Balance of county					99999
	043	000	2			Valley		085	6	0000	
	044	000	2			Washington		087	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	001	000	2			Adams		001	4	0000	
				138	5	Quincy					62367
				999	9	Balance of county					99999
	002	000	2			Alexander		003	6	0000	
	003	000	2			Bond		005	6	0000	
	004	237	1			Boone		007	5	6880	
				011	6	Belvidere					05092
				999	9	Balance of county					99999
	005	000	2			Brown		009	6	0000	
	006	000	2			Bureau		011	5	0000	
	007	000	2			Calhoun		013	6	0000	
	008	000	2			Carroll		015	6	0000	
	009	000	2			Cass		017	6	0000	
	010	048	1			Champaign		019	3	1400	
				032	4	Champaign					12385
				139	6	Rantoul village					62783
				160	5	Urbana					77005
				999	9	Balance of county					99999
	011	000	2			Christian		021	5	0000	
				158	6	Taylorville					74574
				999	9	Balance of county					99999
	012	000	2			Clark		023	6	0000	
	013	000	2			Clay		025	6	0000	
	014	243	1			Clinton		027	5	7040	
				031	6	Centralia, part					12164
				999	9	Balance of county					99999
	015	000	2			Coles		029	4	0000	
				033	6	Charleston					12567
				105	6	Mattoon					47553
				999	9	Balance of county					99999
	016	055	1			Cook		031	0	1600	
				003	6	Alsip village					01010
				005	4	Arlington Heights village					02154
				007	6	Bartlett village, part					04013
				010	6	Bellwood village					04975
				012	6	Bensenville village, part					05248
				013	5	Berwyn					05573
				016	6	Blue Island					06704
				020	6	Bridgeview village					08225
				021	6	Brookfield village					08576
				022	5	Buffalo Grove village, part					09447
				023	5	Burbank					09642
				025	5	Calumet City					10487
				034	0	Chicago, part					14000
				035	5	Chicago Heights					14026
				036	6	Chicago Ridge village					14065
				037	4	Cicero					14351
				039	6	Country Club Hills					16691
				041	6	Crestwood village					17497
				046	6	Deerfield village, part					18992
				048	4	Des Plaines					19642
				050	6	Dolton village					20292
				057	4	Elgin, part					23074
				058	5	Elk Grove Village village, part					23256
				060	6	Elmwood Park village					23724
				061	4	Evanston					24582
				062	6	Evergreen Park village					24634
				064	6	Forest Park village					26935
				065	6	Franklin Park village					27702
				071	5	Glenview village					29938
				074	5	Hanover Park village, part					32746
				075	5	Harvey					33383
				076	6	Hazel Crest village					33695
				078	6	Hickory Hills					34514
				080	6	Hinsdale village, part					35307
				081	5	Hoffman Estates village, part					35411
				082	6	Homewood village					35879
				085	6	Justice village					38830
				088	6	La Grange Park village					40793
				089	6	La Grange village					40767
				092	5	Lansing village					42028
				095	6	Lincolnwood village					43744
				103	6	Markham					47007
				104	6	Matteson village					47540

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	016					Cook, con.		031	0	1600	
				106	5	Maywood village					47774
				107	6	Melrose Park village					48242
				108	6	Midlothian village					48892
				111	6	Morton Grove village					50647
				113	4	Mount Prospect village					51089
				117	5	Niles village					53000
				119	6	Norridge village					53377
				120	5	Northbrook village					53481
				122	6	Northlake					53871
				123	5	Oak Forest					54638
				124	4	Oak Lawn village					54820
				125	4	Oak Park village					54885
				127	5	Orland Park village					56640
				129	5	Palatine village					57225
				130	6	Palos Heights					57381
				131	6	Palos Hills					57394
				132	6	Park Forest village, part					57732
				133	5	Park Ridge					57875
				137	6	Prospect Heights					62016
				140	6	Richton Park village					63706
				141	6	Riverdale village					64278
				142	6	River Forest village					64304
				145	6	Rolling Meadows					65338
				147	6	Roselle village, part					65806
				150	4	Schaumburg village, part					68003
				151	6	Schiller Park village					68081
				152	4	Skokie village					70122
				153	6	South Holland village					70850
				156	5	Streamwood village					73157
				159	5	Tinley Park village, part					75484
				166	6	Westchester village					80047
				168	6	Western Springs village					80242
				171	5	Wheeling village, part					81087
				172	5	Wilmette village					82075
				173	6	Winnetka village					82530
				178	6	Worth village					83518
				999	9	Balance of county					99999
	017	000	2	999	9	Crawford		033	6	0000	
	018	000	2	999	9	Cumberland		035	6	0000	
	019	055	1			De Kalb		037	4	1600	
				047	5	De Kalb					19161
				999	9	Balance of county					99999
	020	000	2	999	9	De Witt		039	6	0000	
	021	000	2	999	9	Douglas		041	6	0000	
	022	055	1			Du Page		043	1	1600	
				001	5	Addison village					00243
				006	4	Aurora, part					03012
				007	6	Bartlett village, part					04013
				008	6	Batavia, part					04078
				012	6	Bensenville village, part					05248
				014	6	Bloomington village					06587
				017	5	Bolingbrook village, part					07133
				028	5	Carol Stream village					11332
				034	0	Chicago, part					14000
				044	6	Darien					18628
				051	5	Downers Grove village					20591
				058	5	Elk Grove Village village, part					23256
				059	5	Elmhurst					23620
				069	5	Glendale Heights village					29730
				070	6	Glen Ellyn village					29756
				074	5	Hanover Park village, part					32746
				080	6	Hinsdale village, part					35307
				096	6	Lisle village					43939
				097	5	Lombard village					44407
				116	4	Naperville, part					51622
				147	6	Roselle village, part					65806
				149	6	St. Charles, part					66703
				150	4	Schaumburg village, part					68003
				162	6	Villa Park village					77993
				163	6	Warrenville					78929
				167	6	West Chicago					80060
				169	6	Westmont village					80645
				170	4	Wheaton					81048

Vital Statistics Codes					FIPS Codes					
St	Cnty	P/MSA	M/NM	City P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14					Illinois	17				
	022				Du Page, con.		043	1	1600	
				174	6					82985
				175	5					83245
				999	9					99999
	023	000	2	999	9					
	024	000	2	999	9		045	6	0000	
	025	000	2				047	6	0000	
				056	6		049	5	0000	
				999	9					22736
	026	000	2	999	9					99999
	027	000	2	999	9		051	6	0000	
	028	000	2	999	9		053	6	0000	
	029	000	2				055	5	0000	
				026	6		057	5	0000	
				999	9					11007
				999	9					99999
	030	000	2	999	9		059	6	0000	
	031	000	2	999	9		061	6	0000	
	032	055	1				063	5	1600	
				110	6					50491
				999	9					99999
	033	000	2	999	9		065	6	0000	
	034	000	2	999	9		067	6	0000	
	035	000	2	999	9		069	6	0000	
	036	000	2	999	9		071	6	0000	
	037	069	1				073	4	1960	
				087	6					39727
				999	9					99999
	038	000	2	999	9		075	5	0000	
	039	000	2				077	4	0000	
				027	5					11163
				999	9					99999
	040	000	2	999	9		079	6	0000	
	041	000	2				081	5	0000	
				114	6					51180
				999	9					99999
	042	243	1	999	9		083	6	7040	
	043	000	2	999	9		085	6	0000	
	044	000	2	999	9		087	6	0000	
	045	055	1				089	2	1600	
				002	6					00685
				006	4					03012
				007	6					04013
				008	6					04078
				029	6					11358
				057	4					23074
				068	6					28872
				149	6					66703
				999	9					99999
	046	144	1				091	4	3740	
				018	6					07471
				019	6					07744
				086	5					38934
				999	9					99999
	047	055	1	999	9		093	5	1600	
	048	000	2				095	4	0000	
				067	5					28326
				999	9					99999
	049	055	1				097	1	1600	
				022	5					09447
				046	6					18992
				073	6					32018
				079	5					34722
				090	6					41105
				091	6					41742
				093	6					43250
				115	6					51349
				121	5					53559
				148	6					66040
				161	6					77694
				165	4					79293
				171	5					81087
				179	6					84220
				999	9					99999
	050	000	2				099	3	0000	
				128	6					56926

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	050					La Salle, con.		099	3	0000	
				157	6	Streator, part					73170
				999	9	Balance of county					99999
	051	000	2			Lawrence		101	6	0000	
	052	000	2			Lee		103	5	0000	
				049	6	Dixon					20162
				999	9	Balance of county					99999
	053	000	2			Livingston		105	5	0000	
				136	6	Pontiac					61015
				157	6	Streator, part					73170
				999	9	Balance of county					99999
	054	000	2			Logan		107	5	0000	
				094	6	Lincoln					43536
				999	9	Balance of county					99999
	055	000	2			McDonough		109	5	0000	
				101	6	Macomb					45889
				999	9	Balance of county					99999
	056	055	1			McHenry		111	3	1600	
				002	6	Algonquin village, part					00685
				030	6	Cary village					11592
				042	6	Crystal Lake					17887
				099	6	McHenry					45694
				177	6	Woodstock					83349
				999	9	Balance of county					99999
	057	035	1			McLean		113	3	1040	
				015	4	Bloomington					06613
				118	5	Normal					53234
				999	9	Balance of county					99999
	058	073	1			Macon		115	3	2040	
				045	4	Decatur					18823
				999	9	Balance of county					99999
	059	000	2			Macoupin		117	5	0000	
	060	243	1			Madison		119	3	7040	
				004	5	Alton					01114
				038	6	Collinsville, part					15599
				055	6	Edwardsville					22697
				072	5	Granite City					30926
				176	6	Wood River					83271
				999	9	Balance of county					99999
	061	000	2			Marion		121	5	0000	
				031	6	Centralia, part					12164
				999	9	Balance of county					99999
	062	000	2			Marshall		123	6	0000	
	063	000	2			Mason		125	6	0000	
	064	000	2			Massac		127	6	0000	
	065	269	1			Menard		129	6	7880	
	066	000	2			Mercer		131	6	0000	
	067	243	1			Monroe		133	6	7040	
	068	000	2			Montgomery		135	5	0000	
	069	000	2			Morgan		137	5	0000	
				083	6	Jacksonville					38115
				999	9	Balance of county					99999
	070	000	2			Moultrie		139	6	0000	
	071	237	1			Ogle		141	5	6880	
	072	213	1			Peoria		143	3	6120	
				134	5	Pekin, part					58447
				135	3	Peoria					59000
				999	9	Balance of county					99999
	073	000	2			Perry		145	6	0000	
	074	000	2			Piatt		147	6	0000	
	075	000	2			Pike		149	6	0000	
	076	000	2			Pope		151	6	0000	
	077	000	2			Pulaski		153	6	0000	
	078	000	2			Putnam		155	6	0000	
	079	000	2			Randolph		157	5	0000	
	080	000	2			Richland		159	6	0000	
	081	069	1			Rock Island		161	3	1960	
				052	6	East Moline					22073
				109	5	Moline					49867
				144	5	Rock Island					65078
				999	9	Balance of county					99999
	082	243	1			St. Clair		163	2	7040	
				009	5	Belleville					04845
				024	6	Cahokia village					10370

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
14						Illinois	17				
	082					St. Clair, con.		163	2	7040	
				038	6	Collinsville, part					15599
				054	5	East St. Louis					22255
				063	6	Fairview Heights					25141
				126	6	O'Fallon					55249
				999	9	Balance of county					99999
	083	000	2	999	9	Saline		165	5	0000	
	084	269	1			Sangamon		167	3	7880	
				154	3	Springfield					72000
				999	9	Balance of county					99999
	085	000	2	999	9	Schuyler		169	6	0000	
	086	000	2	999	9	Scott		171	6	0000	
	087	000	2	999	9	Shelby		173	6	0000	
	088	000	2	999	9	Stark		175	6	0000	
	089	000	2			Stephenson		177	5	0000	
				066	5	Freeport					27884
				999	9	Balance of county					99999
	090	213	1			Tazewell		179	3	6120	
				053	6	East Peoria					22164
				112	6	Morton village					50621
				134	5	Pekin, part					58447
				164	6	Washington					79033
				999	9	Balance of county					99999
	091	000	2	999	9	Union		181	6	0000	
	092	000	2			Vermilion		183	4	0000	
				043	5	Danville					18563
				999	9	Balance of county					99999
	093	000	2	999	9	Wabash		185	6	0000	
	094	000	2	999	9	Warren		187	6	0000	
	095	000	2	999	9	Washington		189	6	0000	
	096	000	2	999	9	Wayne		191	6	0000	
	097	000	2	999	9	White		193	6	0000	
	098	000	2			Whiteside		195	4	0000	
				155	6	Sterling					72546
				999	9	Balance of county					99999
	099	055	1			Will		197	2	1600	
				017	5	Bolingbrook village, part					07133
				040	6	Crest Hill					17458
				084	4	Joliet					38570
				116	4	Naperville, part					51622
				132	6	Park Forest village, part					57732
				146	6	Romeoville village					65442
				159	5	Tinley Park village, part					75484
				175	5	Woodridge village, part					83245
				999	9	Balance of county					99999
	100	000	2			Williamson		199	4	0000	
				077	6	Herrin					34358
				102	6	Marion					46916
				999	9	Balance of county					99999
	101	237	1			Winnebago		201	2	6880	
				098	6	Loves Park					45031
				100	6	Machesney Park village					45726
				143	3	Rockford					65000
				999	9	Balance of county					99999
	102	213	1	999	9	Woodford		203	5	6120	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	001	102	1	999	9	Adams	001	5		2760	
	002	102	1			Allen	003	2		2760	
				015	3	Fort Wayne					25000
				047	6	New Haven					52992
				999	9	Balance of county					99999
	003	000	2			Bartholomew	005	4		0000	
				007	5	Columbus					14734
				999	9	Balance of county					99999
	004	000	2	999	9	Benton	007	6		0000	
	005	000	2	999	9	Blackford	009	6		0000	
	006	130	1			Boone	011	5		3480	
				035	6	Lebanon					42624
				999	9	Balance of county					99999
	007	000	2	999	9	Brown	013	6		0000	
	008	000	2	999	9	Carroll	015	6		0000	
	009	000	2			Cass	017	5		0000	
				036	6	Logansport					44658
				999	9	Balance of county					99999
	010	169	1			Clark	019	4		4520	
				006	6	Clarksville					12934
				029	6	Jeffersonville					38358
				999	9	Balance of county					99999
	011	280	1	999	9	Clay	021	6		8320	
	012	152	1			Clinton	023	5		3920	
				016	6	Frankfort					25324
				999	9	Balance of county					99999
	013	000	2	999	9	Crawford	025	6		0000	
	014	000	2			Daviess	027	5		0000	
				063	6	Washington					80504
				999	9	Balance of county					99999
	015	057	1	999	9	Dearborn	029	5		1640	
	016	000	2	999	9	Decatur	031	6		0000	
	017	102	1	999	9	De Kalb	033	5		2760	
	018	189	1			Delaware	035	3		5280	
				043	4	Muncie					51876
				999	9	Balance of county					99999
	019	000	2			Dubois	037	5		0000	
				028	6	Jasper					37782
				999	9	Balance of county					99999
	020	084	1			Elkhart	039	3		2330	
				013	5	Elkhart					20728
				019	6	Goshen					28386
				999	9	Balance of county					99999
	021	000	2			Fayette	041	5		0000	
				008	6	Connersville					14932
				999	9	Balance of county					99999
	022	169	1			Floyd	043	4		4520	
				045	5	New Albany					52326
				999	9	Balance of county					99999
	023	000	2	999	9	Fountain	045	6		0000	
	024	000	2	999	9	Franklin	047	6		0000	
	025	000	2	999	9	Fulton	049	6		0000	
	026	000	2	999	9	Gibson	051	5		0000	
	027	000	2			Grant	053	4		0000	
				038	5	Marion					46908
				999	9	Balance of county					99999
	028	000	2	999	9	Greene	055	5		0000	
	029	130	1			Hamilton	057	3		3480	
				005	5	Carmel					10342
				048	6	Noblesville					54180
				999	9	Balance of county					99999
	030	130	1			Hancock	059	5		3480	
				020	6	Greenfield					29520
				999	9	Balance of county					99999
	031	169	1	999	9	Harrison	061	5		4520	
	032	130	1			Hendricks	063	4		3480	
				050	6	Plainfield					60246
				999	9	Balance of county					99999
	033	000	2			Henry	065	5		0000	
				046	6	New Castle					52740
				999	9	Balance of county					99999
	034	149	1			Howard	067	4		3850	
				030	5	Kokomo					40392
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	035	102	1			Huntington		069	5	2760	
				026	6	Huntington					35302
				999	9	Balance of county					99999
	036	000	2			Jackson		071	5	0000	
				054	6	Seymour					68832
				999	9	Balance of county					99999
	037	000	2			Jasper		073	6	0000	
	038	000	2			Jay		075	6	0000	
	039	000	2			Jefferson		077	5	0000	
				037	6	Madison					45990
				999	9	Balance of county					99999
	040	000	2			Jennings		079	6	0000	
	041	130	1			Johnson		081	4	3480	
				017	6	Franklin					25450
				021	5	Greenwood					29898
				999	9	Balance of county					99999
	042	000	2			Knox		083	5	0000	
				060	6	Vincennes					79208
				999	9	Balance of county					99999
	043	000	2			Kosciusko		085	4	0000	
				062	6	Warsaw					80306
				999	9	Balance of county					99999
	044	000	2			Lagrange		087	5	0000	
	045	108	1			Lake		089	2	2960	
				010	6	Crown Point					16138
				011	6	Dyer					19270
				012	5	East Chicago					19486
				018	3	Gary					27000
				022	6	Griffith					30042
				023	4	Hammond					31000
				024	6	Highland					33466
				025	6	Hobart					34114
				032	6	Lake Station					41535
				040	5	Merrillville					48528
				044	6	Munster					51912
				053	6	Schererville					68220
				999	9	Balance of county					99999
	046	000	2			La Porte		091	3	0000	
				033	6	La Porte					42246
				041	5	Michigan City					48798
				999	9	Balance of county					99999
	047	000	2			Lawrence		093	5	0000	
				002	6	Bedford					04114
				999	9	Balance of county					99999
	048	130	1			Madison		095	3	3480	
				001	4	Anderson					01468
				999	9	Balance of county					99999
	049	130	1			Marion		097	1	3480	
				003	6	Beech Grove					04204
				027	1	Indianapolis					36000
				034	5	Lawrence					42426
				057	6	Speedway					71828
				999	9	Balance of county					99999
	050	000	2			Marshall		099	5	0000	
	051	000	2			Martin		101	6	0000	
	052	000	2			Miami		103	5	0000	
				049	6	Peru					59328
				999	9	Balance of county					99999
	053	034	1			Monroe		105	3	1020	
				004	4	Bloomington					05860
				999	9	Balance of county					99999
	054	000	2			Montgomery		107	5	0000	
				009	6	Crawfordsville					15742
				999	9	Balance of county					99999
	055	130	1			Morgan		109	4	3480	
				039	6	Martinsville					47448
				999	9	Balance of county					99999
	056	000	2			Newton		111	6	0000	
	057	000	2			Noble		113	5	0000	
	058	057	1			Ohio		115	6	1640	
	059	000	2			Orange		117	6	0000	
	060	000	2			Owen		119	6	0000	
	061	000	2			Parke		121	6	0000	
	062	000	2			Perry		123	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
15						Indiana	18				
	063	000	2	999	9	Pike		125	6	0000	
	064	108	1			Porter		127	3	2960	
				051	5	Portage					61092
				059	6	Valparaiso					78326
				999	9	Balance of county					99999
	065	089	1	999	9	Posey		129	5	2440	
	066	000	2	999	9	Pulaski		131	6	0000	
	067	000	2	999	9	Putnam		133	5	0000	
	068	000	2	999	9	Randolph		135	5	0000	
	069	000	2	999	9	Ripley		137	6	0000	
	070	000	2	999	9	Rush		139	6	0000	
	071	267	1			St. Joseph		141	3	7800	
				042	5	Mishawaka					49932
				056	3	South Bend					71000
				999	9	Balance of county					99999
	072	169	1	999	9	Scott		143	6	4520	
	073	130	1			Shelby		145	5	3480	
				055	6	Shelbyville					69318
				999	9	Balance of county					99999
	074	000	2	999	9	Spencer		147	6	0000	
	075	000	2	999	9	Starke		149	6	0000	
	076	000	2	999	9	Steuben		151	5	0000	
	077	000	2	999	9	Sullivan		153	6	0000	
	078	000	2	999	9	Switzerland		155	6	0000	
	079	152	1			Tippecanoe		157	3	3920	
				031	5	Lafayette					40788
				064	5	West Lafayette					82862
				999	9	Balance of county					99999
	080	149	1	999	9	Tipton		159	6	3850	
	081	000	2	999	9	Union		161	6	0000	
	082	089	1			Vanderburgh		163	3	2440	
				014	3	Evansville					22000
				999	9	Balance of county					99999
	083	280	1	999	9	Vermillion		165	6	8320	
	084	280	1			Vigo		167	3	8320	
				058	4	Terre Haute					75428
				999	9	Balance of county					99999
	085	000	2			Wabash		169	5	0000	
				061	6	Wabash					79370
				999	9	Balance of county					99999
	086	000	2	999	9	Warren		171	6	0000	
	087	089	1	999	9	Warrick		173	5	2440	
	088	000	2	999	9	Washington		175	6	0000	
	089	000	2			Wayne		177	4	0000	
				052	5	Richmond					64260
				999	9	Balance of county					99999
	090	102	1	999	9	Wells		179	5	2760	
	091	000	2	999	9	White		181	6	0000	
	092	102	1	999	9	Whitley		183	5	2760	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	001	000	2	999	9	Adair	001	6		0000	
	002	000	2	999	9	Adams	003	6		0000	
	003	000	2	999	9	Allamakee	005	6		0000	
	004	000	2	999	9	Appanoose	007	6		0000	
	005	000	2	999	9	Audubon	009	6		0000	
	006	000	2	999	9	Benton	011	6		0000	
	007	297	1			Black Hawk	013	3		8920	
				006	5	Cedar Falls					11755
				029	4	Waterloo					82425
				999	9	Balance of county					99999
	008	000	2			Boone	015	5		0000	
				004	6	Boone					07480
				999	9	Balance of county					99999
	009	000	2	999	9	Bremer	017	6		0000	
	010	000	2	999	9	Buchanan	019	6		0000	
	011	000	2	999	9	Buena Vista	021	6		0000	
	012	000	2	999	9	Butler	023	6		0000	
	013	000	2	999	9	Calhoun	025	6		0000	
	014	000	2	999	9	Carroll	027	6		0000	
	015	000	2	999	9	Cass	029	6		0000	
	016	000	2	999	9	Cedar	031	6		0000	
	017	000	2			Cerro Gordo	033	5		0000	
				021	5	Mason City					50160
				999	9	Balance of county					99999
	018	000	2	999	9	Cherokee	035	6		0000	
	019	000	2	999	9	Chickasaw	037	6		0000	
	020	000	2	999	9	Clarke	039	6		0000	
	021	000	2			Clay	041	6		0000	
				027	6	Spencer					74280
				999	9	Balance of county					99999
	022	000	2	999	9	Clayton	043	6		0000	
	023	000	2			Clinton	045	4		0000	
				008	5	Clinton					14430
				999	9	Balance of county					99999
	024	000	2	999	9	Crawford	047	6		0000	
	025	075	1			Dallas	049	5		2120	
				030	5	West Des Moines, part					83910
				999	9	Balance of county					99999
	026	000	2	999	9	Davis	051	6		0000	
	027	000	2	999	9	Decatur	053	6		0000	
	028	000	2	999	9	Delaware	055	6		0000	
	029	000	2			Des Moines	057	5		0000	
				005	5	Burlington					09550
				999	9	Balance of county					99999
	030	000	2	999	9	Dickinson	059	6		0000	
	031	079	1			Dubuque	061	4		2200	
				013	4	Dubuque					22395
				999	9	Balance of county					99999
	032	000	2	999	9	Emmet	063	6		0000	
	033	000	2	999	9	Fayette	065	6		0000	
	034	000	2	999	9	Floyd	067	6		0000	
	035	000	2	999	9	Franklin	069	6		0000	
	036	000	2	999	9	Fremont	071	6		0000	
	037	000	2	999	9	Greene	073	6		0000	
	038	000	2	999	9	Grundy	075	6		0000	
	039	000	2	999	9	Guthrie	077	6		0000	
	040	000	2	999	9	Hamilton	079	6		0000	
	041	000	2	999	9	Hancock	081	6		0000	
	042	000	2	999	9	Hardin	083	6		0000	
	043	000	2	999	9	Harrison	085	6		0000	
	044	000	2	999	9	Henry	087	6		0000	
	045	000	2	999	9	Howard	089	6		0000	
	046	000	2	999	9	Humboldt	091	6		0000	
	047	000	2	999	9	Ida	093	6		0000	
	048	000	2	999	9	Iowa	095	6		0000	
	049	000	2	999	9	Jackson	097	6		0000	
	050	000	2			Jasper	099	5		0000	
				023	6	Newton					56505
				999	9	Balance of county					99999
	051	000	2	999	9	Jefferson	101	6		0000	
	052	131	1			Johnson	103	4		3500	
				009	6	Coralville					16230
				017	4	Iowa City					38595
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	053	000	2	999	9	Jones		105	6	0000	
	054	000	2	999	9	Keokuk		107	6	0000	
	055	000	2	999	9	Kossuth		109	6	0000	
	056	000	2			Lee		111	5	0000	
				015	6	Fort Madison					28605
				018	6	Keokuk					40845
				999	9	Balance of county					99999
	057	047	1			Linn		113	3	1360	
				007	3	Cedar Rapids					12000
				019	6	Marion					49485
				999	9	Balance of county					99999
	058	000	2	999	9	Louisa		115	6	0000	
	059	000	2	999	9	Lucas		117	6	0000	
	060	000	2	999	9	Lyon		119	6	0000	
	061	000	2	999	9	Madison		121	6	0000	
	062	000	2			Mahaska		123	6	0000	
				024	6	Oskaloosa					59925
				999	9	Balance of county					99999
	063	000	2	999	9	Marion		125	5	0000	
	064	000	2			Marshall		127	5	0000	
				020	5	Marshalltown					49755
				999	9	Balance of county					99999
	065	000	2	999	9	Mills		129	6	0000	
	066	000	2	999	9	Mitchell		131	6	0000	
	067	000	2	999	9	Monona		133	6	0000	
	068	000	2	999	9	Monroe		135	6	0000	
	069	000	2	999	9	Montgomery		137	6	0000	
	070	000	2			Muscatine		139	5	0000	
				022	6	Muscatine					55110
				999	9	Balance of county					99999
	071	000	2	999	9	O'Brien		141	6	0000	
	072	000	2	999	9	Osceola		143	6	0000	
	073	000	2	999	9	Page		145	6	0000	
	074	000	2	999	9	Palo Alto		147	6	0000	
	075	000	2	999	9	Plymouth		149	6	0000	
	076	000	2	999	9	Pocahontas		151	6	0000	
	077	075	1			Polk		153	2	2120	
				002	6	Ankeny					02305
				012	3	Des Moines					21000
				028	6	Urbandale					79950
				030	5	West Des Moines, part					83910
				999	9	Balance of county					99999
	078	206	1			Pottawattamie		155	4	5920	
				010	4	Council Bluffs					16860
				999	9	Balance of county					99999
	079	000	2	999	9	Poweshiek		157	6	0000	
	080	000	2	999	9	Ringgold		159	6	0000	
	081	000	2	999	9	Sac		161	6	0000	
	082	069	1			Scott		163	3	1960	
				003	5	Bettendorf					06355
				011	4	Davenport					19000
				999	9	Balance of county					99999
	083	000	2	999	9	Shelby		165	6	0000	
	084	000	2	999	9	Sioux		167	5	0000	
	085	000	2			Story		169	4	0000	
				001	5	Ames					01855
				999	9	Balance of county					99999
	086	000	2	999	9	Tama		171	6	0000	
	087	000	2	999	9	Taylor		173	6	0000	
	088	000	2	999	9	Union		175	6	0000	
	089	000	2	999	9	Van Buren		177	6	0000	
	090	000	2			Wapello		179	5	0000	
				025	6	Ottumwa					60465
				999	9	Balance of county					99999
	091	075	1			Warren		181	5	2120	
				016	6	Indianola					38280
				999	9	Balance of county					99999
	092	000	2	999	9	Washington		183	6	0000	
	093	000	2	999	9	Wayne		185	6	0000	
	094	000	2			Webster		187	5	0000	
				014	5	Fort Dodge					28515
				999	9	Balance of county					99999
	095	000	2	999	9	Winnebago		189	6	0000	
	096	000	2	999	9	Winneshiek		191	6	0000	

Vital Statistics Geographic Code Outline For The United States
 Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
16						Iowa	19				
	097	265	1			Woodbury		193	4	7720	
				026	4	Sioux City					73335
				999	9	Balance of county					99999
	098	000	2			Worth		195	6	0000	
	099	000	2			Wright		197	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
17						Kansas	20				
	001	000	2	999	9	Allen	001	6		0000	
	002	000	2	999	9	Anderson	003	6		0000	
	003	000	2			Atchison	005	6		0000	
				002	6	Atchison					02900
				999	9	Balance of county					99999
	004	000	2	999	9	Barber	007	6		0000	
	005	000	2			Barton	009	5		0000	
				009	6	Great Bend					28300
				999	9	Balance of county					99999
	006	000	2	999	9	Bourbon	011	6		0000	
	007	000	2	999	9	Brown	013	6		0000	
	008	301	1			Butler	015	4		9040	
				006	6	El Dorado					20075
				999	9	Balance of county					99999
	009	000	2	999	9	Chase	017	6		0000	
	010	000	2	999	9	Chautauqua	019	6		0000	
	011	000	2	999	9	Cherokee	021	6		0000	
	012	000	2	999	9	Cheyenne	023	6		0000	
	013	000	2	999	9	Clark	025	6		0000	
	014	000	2	999	9	Clay	027	6		0000	
	015	000	2	999	9	Cloud	029	6		0000	
	016	000	2	999	9	Coffey	031	6		0000	
	017	000	2	999	9	Comanche	033	6		0000	
	018	000	2			Cowley	035	5		0000	
				001	6	Arkansas City					02300
				034	6	Winfield					79950
				999	9	Balance of county					99999
	019	000	2			Crawford	037	5		0000	
				028	6	Pittsburg					56025
				999	9	Balance of county					99999
	020	000	2	999	9	Decatur	039	6		0000	
	021	000	2	999	9	Dickinson	041	6		0000	
	022	000	2	999	9	Doniphan	043	6		0000	
	023	160	1			Douglas	045	4		4150	
				015	4	Lawrence					38900
				999	9	Balance of county					99999
	024	000	2	999	9	Edwards	047	6		0000	
	025	000	2	999	9	Elk	049	6		0000	
	026	000	2			Ellis	051	5		0000	
				010	6	Hays					31100
				999	9	Balance of county					99999
	027	000	2	999	9	Ellsworth	053	6		0000	
	028	000	2			Finney	055	5		0000	
				008	6	Garden City					25325
				999	9	Balance of county					99999
	029	000	2			Ford	057	5		0000	
				005	6	Dodge City					18250
				999	9	Balance of county					99999
	030	000	2			Franklin	059	6		0000	
				025	6	Ottawa					53550
				999	9	Balance of county					99999
	031	000	2			Geary	061	5		0000	
				013	6	Junction City					35750
				999	9	Balance of county					99999
	032	000	2	999	9	Gove	063	6		0000	
	033	000	2	999	9	Graham	065	6		0000	
	034	000	2	999	9	Grant	067	6		0000	
	035	000	2	999	9	Gray	069	6		0000	
	036	000	2	999	9	Greeley	071	6		0000	
	037	000	2	999	9	Greenwood	073	6		0000	
	038	000	2	999	9	Hamilton	075	6		0000	
	039	000	2	999	9	Harper	077	6		0000	
	040	301	1			Harvey	079	5		9040	
				023	6	Newton					50475
				999	9	Balance of county					99999
	041	000	2	999	9	Haskell	081	6		0000	
	042	000	2	999	9	Hodgeman	083	6		0000	
	043	000	2	999	9	Jackson	085	6		0000	
	044	000	2	999	9	Jefferson	087	6		0000	
	045	000	2	999	9	Jewell	089	6		0000	
	046	145	1			Johnson	091	2		3760	
				017	6	Leawood					39075
				018	5	Lenexa					39350
				022	6	Merriam					46000

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
17						Kansas	20				
	046					Johnson, con.		091	2	3760	
				024	4	Olathe					52575
				026	3	Overland Park					53775
				029	6	Prairie Village					57575
				031	5	Shawnee					64500
				999	9	Balance of county					99999
	047	000	2	999	9	Kearny		093	6	0000	
	048	000	2	999	9	Kingman		095	6	0000	
	049	000	2	999	9	Kiowa		097	6	0000	
	050	000	2			Labette		099	6	0000	
				027	6	Parsons					54675
				999	9	Balance of county					99999
	051	000	2	999	9	Lane		101	6	0000	
	052	145	1			Leavenworth		103	4	3760	
				016	5	Leavenworth					39000
				999	9	Balance of county					99999
	053	000	2	999	9	Lincoln		105	6	0000	
	054	000	2	999	9	Linn		107	6	0000	
	055	000	2	999	9	Logan		109	6	0000	
	056	000	2			Lyon		111	5	0000	
				007	5	Emporia					21275
				999	9	Balance of county					99999
	057	000	2			McPherson		113	5	0000	
				020	6	McPherson					43950
				999	9	Balance of county					99999
	058	000	2	999	9	Marion		115	6	0000	
	059	000	2	999	9	Marshall		117	6	0000	
	060	000	2	999	9	Meade		119	6	0000	
	061	145	1	999	9	Miami		121	6	3760	
	062	000	2	999	9	Mitchell		123	6	0000	
	063	000	2			Montgomery		125	5	0000	
				003	6	Coffeyville					14600
				012	6	Independence					33875
				999	9	Balance of county					99999
	064	000	2	999	9	Morris		127	6	0000	
	065	000	2	999	9	Morton		129	6	0000	
	066	000	2	999	9	Nemaha		131	6	0000	
	067	000	2	999	9	Neosho		133	6	0000	
	068	000	2	999	9	Ness		135	6	0000	
	069	000	2	999	9	Norton		137	6	0000	
	070	000	2	999	9	Osage		139	6	0000	
	071	000	2	999	9	Osborne		141	6	0000	
	072	000	2	999	9	Ottawa		143	6	0000	
	073	000	2	999	9	Pawnee		145	6	0000	
	074	000	2	999	9	Phillips		147	6	0000	
	075	000	2			Pottawatomie		149	6	0000	
				021	5	Manhattan, part					44250
				999	9	Balance of county					99999
	076	000	2	999	9	Pratt		151	6	0000	
	077	000	2	999	9	Rawlins		153	6	0000	
	078	000	2			Reno		155	4	0000	
				011	5	Hutchinson					33625
				999	9	Balance of county					99999
	079	000	2	999	9	Republic		157	6	0000	
	080	000	2	999	9	Rice		159	6	0000	
	081	000	2			Riley		161	4	0000	
				021	5	Manhattan, part					44250
				999	9	Balance of county					99999
	082	000	2	999	9	Rooks		163	6	0000	
	083	000	2	999	9	Rush		165	6	0000	
	084	000	2	999	9	Russell		167	6	0000	
	085	000	2			Salina		169	5	0000	
				030	5	Salina					62700
				999	9	Balance of county					99999
	086	000	2	999	9	Scott		171	6	0000	
	087	301	1			Sedgwick		173	2	9040	
				004	6	Derby					17800
				033	2	Wichita					79000
				999	9	Balance of county					99999
	088	000	2			Seward		175	6	0000	
				019	6	Liberal					39825
				999	9	Balance of county					99999
	089	283	1			Shawnee		177	3	8440	
				032	3	Topeka					71000

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
17						Kansas	20				
	089					Shawnee, con.		177	3	8440	
				999	9	Balance of county					99999
	090	000	2	999	9	Sheridan		179	6	0000	
	091	000	2	999	9	Sherman		181	6	0000	
	092	000	2	999	9	Smith		183	6	0000	
	093	000	2	999	9	Stafford		185	6	0000	
	094	000	2	999	9	Stanton		187	6	0000	
	095	000	2	999	9	Stevens		189	6	0000	
	096	000	2	999	9	Sumner		191	5	0000	
	097	000	2	999	9	Thomas		193	6	0000	
	098	000	2	999	9	Trego		195	6	0000	
	099	000	2	999	9	Wabaunsee		197	6	0000	
	100	000	2	999	9	Wallace		199	6	0000	
	101	000	2	999	9	Washington		201	6	0000	
	102	000	2	999	9	Wichita		203	6	0000	
	103	000	2	999	9	Wilson		205	6	0000	
	104	000	2	999	9	Woodson		207	6	0000	
	105	145	1			Wyandotte		209	3	3760	
				014	3	Kansas City					36000
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
18						Kentucky	21				
	001	000	2	999	9	Adair	001	6		0000	
	002	000	2	999	9	Allen	003	6		0000	
	003	000	2	999	9	Anderson	005	6		0000	
	004	000	2	999	9	Ballard	007	6		0000	
	005	000	2			Barren	009	5		0000	
				011	6	Glasgow					31114
				999	9	Balance of county					99999
	006	000	2	999	9	Bath	011	6		0000	
	007	000	2			Bell	013	5		0000	
				019	6	Middlesborough					51924
				999	9	Balance of county					99999
	008	057	1			Boone	015	4		1640	
				007	6	Florence					27982
				999	9	Balance of county					99999
	009	163	1	999	9	Bourbon	017	6		4280	
	010	128	1			Boyd	019	4		3400	
				001	6	Ashland					02368
				999	9	Balance of county					99999
	011	000	2			Boyle	021	5		0000	
				004	6	Danville					19882
				999	9	Balance of county					99999
	012	000	2	999	9	Bracken	023	6		0000	
	013	000	2	999	9	Breathitt	025	6		0000	
	014	000	2	999	9	Breckinridge	027	6		0000	
	015	169	1	999	9	Bullitt	029	5		4520	
	016	000	2	999	9	Butler	031	6		0000	
	017	000	2	999	9	Caldwell	033	6		0000	
	018	000	2			Calloway	035	5		0000	
				020	6	Murray					54642
				999	9	Balance of county					99999
	019	057	1			Campbell	037	4		1640	
				008	6	Fort Thomas					28594
				021	6	Newport					55884
				999	9	Balance of county					99999
	020	000	2	999	9	Carlisle	039	6		0000	
	021	000	2	999	9	Carroll	041	6		0000	
	022	128	1	999	9	Carter	043	6		3400	
	023	000	2	999	9	Casey	045	6		0000	
	024	058	1			Christian	047	4		1660	
				013	5	Hopkinsville					37918
				999	9	Balance of county					99999
	025	163	1			Clark	049	5		4280	
				030	6	Winchester					83676
				999	9	Balance of county					99999
	026	000	2	999	9	Clay	051	6		0000	
	027	000	2	999	9	Clinton	053	6		0000	
	028	000	2	999	9	Crittenden	055	6		0000	
	029	000	2	999	9	Cumberland	057	6		0000	
	030	209	1			Daviess	059	4		5990	
				023	4	Owensboro					58620
				999	9	Balance of county					99999
	031	000	2	999	9	Edmonson	061	6		0000	
	032	000	2	999	9	Elliott	063	6		0000	
	033	000	2	999	9	Estill	065	6		0000	
	034	163	1	016	3	Fayette, coext. with Lexington-Fayette	067	3		4280	46000
	035	000	2	999	9	Fleming	069	6		0000	
	036	000	2	999	9	Floyd	071	5		0000	
	037	000	2			Franklin	073	5		0000	
				009	5	Frankfort					28900
				999	9	Balance of county					99999
	038	000	2	999	9	Fulton	075	6		0000	
	039	057	1	999	9	Gallatin	077	6		1640	
	040	000	2	999	9	Garrard	079	6		0000	
	041	057	1	999	9	Grant	081	6		1640	
	042	000	2	999	9	Graves	083	5		0000	
	043	000	2	999	9	Grayson	085	6		0000	
	044	000	2	999	9	Green	087	6		0000	
	045	128	1	999	9	Greenup	089	5		3400	
	046	000	2	999	9	Hancock	091	6		0000	
	047	000	2			Hardin	093	4		0000	
				005	6	Elizabethtown					24274
				025	6	Radcliff					63912
				999	9	Balance of county					99999
	048	000	2	999	9	Harlan	095	5		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
18						Kentucky	21				
	049	000	2	999	9	Harrison		097	6	0000	
	050	000	2	999	9	Hart		099	6	0000	
	051	089	1			Henderson		101	5	2440	
				012	5	Henderson					35866
				999	9	Balance of county					99999
	052	000	2	999	9	Henry		103	6	0000	
	053	000	2	999	9	Hickman		105	6	0000	
	054	000	2			Hopkins		107	5	0000	
				018	6	Madisonville					49368
				999	9	Balance of county					99999
	055	000	2	999	9	Jackson		109	6	0000	
	056	169	1			Jefferson		111	1	4520	
				015	6	Jeffersontown					40222
				017	2	Louisville					48000
				027	6	St. Matthews					67944
				028	6	Shively					70284
				999	9	Balance of county					99999
	057	163	1			Jessamine		113	5	4280	
				022	6	Nicholasville					56136
				999	9	Balance of county					99999
	058	000	2	999	9	Johnson		115	6	0000	
	059	057	1			Kenton		117	3	1640	
				003	5	Covington					17848
				006	6	Erlanger					25300
				014	6	Independence					39142
				999	9	Balance of county					99999
	060	000	2	999	9	Knott		119	6	0000	
	061	000	2	999	9	Knox		121	5	0000	
	062	000	2	999	9	Larue		123	6	0000	
	063	000	2	999	9	Laurel		125	5	0000	
	064	000	2	999	9	Lawrence		127	6	0000	
	065	000	2	999	9	Lee		129	6	0000	
	066	000	2	999	9	Leslie		131	6	0000	
	067	000	2	999	9	Letcher		133	5	0000	
	068	000	2	999	9	Lewis		135	6	0000	
	069	000	2	999	9	Lincoln		137	6	0000	
	070	000	2	999	9	Livingston		139	6	0000	
	071	000	2	999	9	Logan		141	6	0000	
	072	000	2	999	9	Lyon		143	6	0000	
	073	000	2			McCracken		145	4	0000	
				024	5	Paducah					58836
				999	9	Balance of county					99999
	074	000	2	999	9	McCreary		147	6	0000	
	075	000	2	999	9	McLean		149	6	0000	
	076	163	1			Madison		151	4	4280	
				026	6	Richmond					65226
				999	9	Balance of county					99999
	077	000	2	999	9	Magoffin		153	6	0000	
	078	000	2	999	9	Marion		155	6	0000	
	079	000	2	999	9	Marshall		157	5	0000	
	080	000	2	999	9	Martin		159	6	0000	
	081	000	2	999	9	Mason		161	6	0000	
	082	000	2	999	9	Meade		163	6	0000	
	083	000	2	999	9	Menifee		165	6	0000	
	084	000	2	999	9	Mercer		167	6	0000	
	085	000	2	999	9	Metcalfe		169	6	0000	
	086	000	2	999	9	Monroe		171	6	0000	
	087	000	2	999	9	Montgomery		173	6	0000	
	088	000	2	999	9	Morgan		175	6	0000	
	089	000	2	999	9	Muhlenberg		177	5	0000	
	090	000	2	999	9	Nelson		179	5	0000	
	091	000	2	999	9	Nicholas		181	6	0000	
	092	000	2	999	9	Ohio		183	6	0000	
	093	169	1	999	9	Oldham		185	5	4520	
	094	000	2	999	9	Owen		187	6	0000	
	095	000	2	999	9	Owsley		189	6	0000	
	096	057	1	999	9	Pendleton		191	6	1640	
	097	000	2	999	9	Perry		193	5	0000	
	098	000	2	999	9	Pike		195	4	0000	
	099	000	2	999	9	Powell		197	6	0000	
	100	000	2			Pulaski		199	5	0000	
				029	6	Somerset					71688
				999	9	Balance of county					99999
	101	000	2	999	9	Robertson		201	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
18						Kentucky	21				
	102	000	2	999	9	Rockcastle		203	6	0000	
	103	000	2	999	9	Rowan		205	6	0000	
	104	000	2	999	9	Russell		207	6	0000	
	105	163	1			Scott		209	6	4280	
				010	6	Georgetown					30700
				999	9	Balance of county					99999
	106	000	2	999	9	Shelby		211	6	0000	
	107	000	2	999	9	Simpson		213	6	0000	
	108	000	2	999	9	Spencer		215	6	0000	
	109	000	2	999	9	Taylor		217	6	0000	
	110	000	2	999	9	Todd		219	6	0000	
	111	000	2	999	9	Trigg		221	6	0000	
	112	000	2	999	9	Trimble		223	6	0000	
	113	000	2	999	9	Union		225	6	0000	
	114	000	2			Warren		227	4	0000	
				002	5	Bowling Green					08902
				999	9	Balance of county					99999
	115	000	2	999	9	Washington		229	6	0000	
	116	000	2	999	9	Wayne		231	6	0000	
	117	000	2	999	9	Webster		233	6	0000	
	118	000	2	999	9	Whitley		235	5	0000	
	119	000	2	999	9	Wolfe		237	6	0000	
	120	163	1	999	9	Woodford		239	6	4280	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
19						Louisiana	22				
	001	151	1			Acadia		001	4	3880	
				008	6	Crowley					18650
				009	6	Eunice, part					24565
				999	9	Balance of parish					99999
	002	000	2	999	9	Allen		003	6	0000	
	003	024	1	999	9	Ascension		005	4	0760	
	004	000	2	999	9	Assumption		007	6	0000	
	005	000	2	999	9	Avoyelles		009	5	0000	
	006	000	2	999	9	Beauregard		011	5	0000	
	007	000	2	999	9	Bienville		013	6	0000	
	008	264	1			Bossier		015	4	7680	
				007	4	Bossier City					08920
				026	3	Shreveport, part					70000
				999	9	Balance of parish					99999
	009	264	1			Caddo		017	3	7680	
				026	3	Shreveport, part					70000
				999	9	Balance of parish					99999
	010	153	1			Calcasieu		019	3	3960	
				016	4	Lake Charles					41155
				028	6	Sulphur					73640
				999	9	Balance of parish					99999
	011	000	2	999	9	Caldwell		021	6	0000	
	012	000	2	999	9	Cameron		023	6	0000	
	013	000	2	999	9	Catahoula		025	6	0000	
	014	000	2	999	9	Claiborne		027	6	0000	
	015	000	2	999	9	Concordia		029	6	0000	
	016	000	2	999	9	De Soto		031	5	0000	
	017	024	1			East Baton Rouge		033	2	0760	
				003	6	Baker					03985
				005	3	Baton Rouge					05000
				999	9	Balance of parish					99999
	018	000	2	999	9	East Carroll		035	6	0000	
	019	000	2	999	9	East Feliciana		037	6	0000	
	020	000	2	999	9	Evangeline		039	5	0000	
	021	000	2	999	9	Franklin		041	6	0000	
	022	000	2	999	9	Grant		043	6	0000	
	023	000	2			Iberia		045	4	0000	
				021	5	New Iberia					54035
				999	9	Balance of parish					99999
	024	000	2	999	9	Iberville		047	5	0000	
	025	000	2	999	9	Jackson		049	6	0000	
	026	196	1			Jefferson		051	2	5560	
				010	6	Gretna					31915
				014	4	Kenner					39475
				031	6	Westwego					81165
				999	9	Balance of parish					99999
	027	000	2			Jefferson Davis		053	5	0000	
				013	6	Jennings					38355
				999	9	Balance of parish					99999
	028	151	1			Lafayette		055	3	3880	
				015	4	Lafayette					40735
				999	9	Balance of parish					99999
	029	126	1			Lafourche		057	4	3350	
				029	6	Thibodaux					75425
				999	9	Balance of parish					99999
	030	000	2	999	9	La Salle		059	6	0000	
	031	000	2			Lincoln		061	5	0000	
				025	6	Ruston					66655
				999	9	Balance of parish					99999
	032	024	1	999	9	Livingston		063	4	0760	
	033	000	2	999	9	Madison		065	6	0000	
	034	000	2			Morehouse		067	5	0000	
				004	6	Bastrop					04685
				999	9	Balance of parish					99999
	035	000	2			Natchitoches		069	5	0000	
				020	6	Natchitoches					53545
				999	9	Balance of parish					99999
	036	196	1	022	2	Orleans, coext. with New Orleans city		071	2	5560	55000
	037	187	1			Ouachita		073	3	5200	
				018	4	Monroe					51410
				030	6	West Monroe					80955
				999	9	Balance of parish					99999
	038	196	1	999	9	Plaquemines		075	5	5560	
	039	000	2	999	9	Pointe Coupee		077	6	0000	

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
19						Louisiana	22				
	040	006	1			Rapides		079	3	0220	
				002	5	Alexandria					00975
				024	6	Pineville					60530
				999	9	Balance of parish					99999
	041	000	2	999	9	Red River		081	6	0000	
	042	000	2	999	9	Richland		083	6	0000	
	043	000	2	999	9	Sabine		085	6	0000	
	044	196	1	999	9	St. Bernard		087	4	5560	
	045	196	1	999	9	St. Charles		089	5	5560	
	046	000	2	999	9	St. Helena		091	6	0000	
	047	196	1	999	9	St. James		093	6	5560	
	048	196	1	999	9	St. John the Baptist		095	5	5560	
	049	151	1			St. Landry		097	4	3880	
				009	6	Eunice, part					24565
				023	6	Opelousas					58045
				999	9	Balance of parish					99999
	050	151	1	999	9	St. Martin		099	5	3880	
	051	000	2			St. Mary		101	4	0000	
				019	6	Morgan City					52040
				999	9	Balance of parish					99999
	052	196	1			St. Tammany		103	3	5560	
				027	6	Slidell					70805
				999	9	Balance of parish					99999
	053	000	2			Tangipahoa		105	4	0000	
				011	6	Hammond					32755
				999	9	Balance of parish					99999
	054	000	2	999	9	Tensas		107	6	0000	
	055	126	1			Terrebonne		109	4	3350	
				012	5	Houma					36255
				999	9	Balance of parish					99999
	056	000	2	999	9	Union		111	6	0000	
	057	000	2			Vermilion		113	4	0000	
				001	6	Abbeville					00100
				999	9	Balance of parish					99999
	058	000	2	999	9	Vernon		115	4	0000	
	059	000	2			Washington		117	5	0000	
				006	6	Bogalusa					08150
				999	9	Balance of parish					99999
	060	264	1			Webster		119	5	7680	
				017	6	Minden					50885
				999	9	Balance of parish					99999
	061	024	1	999	9	West Baton Rouge		121	6	0760	
	062	000	2	999	9	West Carroll		123	6	0000	
	063	000	2	999	9	West Feliciana		125	6	0000	
	064	000	2	999	9	Winn		127	6	0000	

Vital Statistics Geographic Code Outline For The United States
Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
20						Maine	23				
	001	162	1			Androscoggin		001	3	4243	
				001	6	Auburn					02060
				005	5	Lewiston					38740
				999	9	Balance of county					99999
	002	000	2			Aroostook		003	4	0000	
				007	6	Presque Isle					60825
				999	9	Balance of county					99999
	003	219	1			Cumberland		005	3	6403	
				006	4	Portland					60545
				009	6	South Portland					71990
				011	6	Westbrook					82105
				999	9	Balance of county					99999
	004	000	2	999	9	Franklin		007	5	0000	
	005	000	2	999	9	Hancock		009	5	0000	
	006	000	2			Kennebec		011	3	0000	
				002	6	Augusta					02100
				010	6	Waterville					80740
				999	9	Balance of county					99999
	007	000	2	999	9	Knox		013	5	0000	
	008	000	2	999	9	Lincoln		015	5	0000	
	009	000	2	999	9	Oxford		017	4	0000	
	010	022	1			Penobscot		019	3	0733	
				003	5	Bangor					02795
				999	9	Balance of county					99999
	011	000	2	999	9	Piscataquis		021	6	0000	
	012	000	2	999	9	Sagadahoc		023	5	0000	
	013	000	2	999	9	Somerset		025	5	0000	
	014	000	2	999	9	Waldo		027	5	0000	
	015	000	2	999	9	Washington		029	5	0000	
	016	000	2			York		031	3	0000	
				004	6	Biddeford					04860
				008	6	Saco					64675
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
21						Maryland	24				
	001	066	1			Allegany		001	4	1900	
				007	6	Cumberland					21325
				999	9	Balance of county					99999
	002	021	1			Anne Arundel		003	2	0720	
				002	5	Annapolis					01600
				999	9	Balance of county					99999
	003	021	1			Baltimore		005	1	0720	
	004	021	1			Baltimore city		510	1	0720	04000
	005	296	1			Calvert		009	4	8840	
	006	000	2			Caroline		011	5	0000	
	007	021	1			Carroll		013	3	0720	
				018	6	Westminster					83100
				999	9	Balance of county					99999
	008	304	1			Cecil		015	4	9160	
	009	296	1			Charles		017	3	8840	
	010	000	2			Dorchester		019	5	0000	
				005	6	Cambridge					12400
				999	9	Balance of county					99999
	011	296	1			Frederick		021	3	8840	
				008	5	Frederick					30325
				999	9	Balance of county					99999
	012	000	2			Garrett		023	5	0000	
	013	021	1			Harford		025	3	0720	
				001	6	Aberdeen					00125
				999	9	Balance of county					99999
	014	021	1			Howard		027	3	0720	
	015	000	2			Kent		029	6	0000	
	016	296	1			Montgomery		031	1	8840	
				009	5	Gaithersburg					31175
				015	5	Rockville					67675
				017	6	Takoma Park, part					76650
				999	9	Balance of county					99999
	017	296	1			Prince George's		033	1	8840	
				004	5	Bowie					08775
				006	6	College Park					18750
				010	6	Greenbelt					34775
				012	6	Hyattsville					41250
				013	6	Laurel					45900
				014	6	New Carrollton					55400
				017	6	Takoma Park, part					76650
				999	9	Balance of county					99999
	018	021	1			Queen Anne's		035	5	0720	
	019	000	2			St. Mary's		037	4	0000	
	020	000	2			Somerset		039	6	0000	
	021	000	2			Talbot		041	5	0000	
	022	119	1			Washington		043	3	3180	
				011	5	Hagerstown					36075
				999	9	Balance of county					99999
	023	000	2			Wicomico		045	4	0000	
				016	6	Salisbury					69925
				999	9	Balance of county					99999
	024	000	2			Worcester		047	5	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
22						Massachusetts	25				
	001	023	1			Barnstable		001	3	0743	
				008	5	Barnstable town					03635
				031	5	Falmouth town					23105
				999	9	Balance of county					999999
	002	218	1			Berkshire		003	3	6323	
				062	6	North Adams					46225
				067	5	Pittsfield					53960
				999	9	Balance of county					999999
	003	037	1			Bristol		005	1	1123	
				007	5	Attleboro					02690
				023	5	Dartmouth town					16425
				029	6	Fairhaven town					22130
				030	4	Fall River					23000
				059	4	New Bedford					45000
				064	5	North Attleborough town					46575
				077	6	Somerset town					62430
				083	5	Taunton					69170
				999	9	Balance of county					999999
	004	000	2			Dukes		007	6	0000	
	005	037	1			Essex		009	1	1123	
				003	6	Amesbury town					01185
				005	5	Andover town					01465
				010	5	Beverly					05595
				022	6	Danvers town					16250
				035	5	Gloucester					26150
				036	4	Haverhill					29405
				041	4	Lawrence					34550
				046	4	Lynn					37490
				047	6	Lynnfield town					37560
				049	6	Marblehead town					38400
				054	5	Methuen town					40675
				060	6	Newburyport					45245
				066	5	Peabody					52490
				074	5	Salem					59105
				075	5	Saugus town					60015
				082	6	Swampscott town					68645
				999	9	Balance of county					999999
	006	000	2			Franklin		011	4	0000	
	007	271	1			Hampden		013	2	8003	
				002	5	Agawam town					00800
				020	4	Chicopee					13660
				027	6	East Longmeadow town					19645
				038	5	Holyoke					30840
				044	6	Longmeadow town					36300
				079	3	Springfield					67000
				090	5	Westfield					76030
				091	5	West Springfield town					77850
				999	9	Balance of county					999999
	008	271	1			Hampshire		015	3	8003	
				004	5	Amherst town					01325
				026	6	Easthampton town					19330
				063	5	Northampton					46330
				999	9	Balance of county					999999
	009	037	1			Middlesex		017	0	1123	
				006	5	Arlington town					01605
				009	6	Belmont town					05070
				011	5	Billerica town					05805
				016	6	Burlington town					09840
				017	4	Cambridge					11000
				018	5	Chelmsford town					13135
				025	5	Dracut town					17475
				028	5	Everett					21990
				033	4	Framingham town					24925
				039	6	Hudson town					31540
				043	5	Lexington town					35215
				045	3	Lowell					37000
				048	4	Malden					37875
				050	5	Marlborough					38715
				051	6	Maynard town					39625
				052	4	Medford					39835
				053	5	Melrose					40115
				057	5	Natick town					43895
				061	4	Newton					45560
				071	6	Reading town					56130

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
22						Massachusetts	25				
	009					Middlesex, con.		017	0	1123	
				078	4	Somerville					62535
				080	6	Stoneham town					67665
				084	5	Tewksbury town					69415
				085	6	Wakefield town					72215
				086	4	Waltham					72600
				087	5	Watertown town					73405
				095	6	Wilmington town					80230
				096	6	Winchester town					80510
				098	5	Woburn					81035
				999	9	Balance of county					99999
	010	000	2			Nantucket		019	6	0000	
	011	037	1			Norfolk		021	1	1123	
				013	5	Braintree town					07665
				015	4	Brookline town					09175
				024	6	Dedham town					16495
				037	6	Holbrook town					30455
				056	5	Milton town					41690
				058	5	Needham town					44105
				065	5	Norwood town					50250
				069	4	Quincy					55745
				070	5	Randolph town					55955
				081	5	Stoughton town					67945
				089	5	Wellesley town					74175
				092	6	Westwood town					78690
				093	4	Weymouth town					78865
				999	9	Balance of county					99999
	012	037	1			Plymouth		023	2	1123	
				001	6	Abington town					00170
				014	4	Brockton					09000
				040	6	Hull town					31645
				068	5	Plymouth town					54310
				073	6	Rockland town					57775
				094	6	Whitman town					79530
				999	9	Balance of county					99999
	013	037	1			Suffolk		025	1	1123	
				012	1	Boston					07000
				019	5	Chelsea					13205
				072	5	Revere					56585
				097	6	Winthrop town					80930
	014	037	1			Worcester		027	1	1123	
				021	6	Clinton town					14395
				032	5	Fitchburg					23875
				034	6	Gardner					25485
				042	5	Leominster					35075
				055	5	Milford town					41165
				076	6	Shrewsbury town					61800
				088	6	Webster town					73895
				099	3	Worcester					82000
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	001	000	2	999	9	Alcona	001	6		0000	
	002	000	2	999	9	Alger	003	6		0000	
	003	112	1			Allegan	005	4		3000	
				051	5	Holland, part					38640
				999	9	Balance of county					99999
	004	000	2			Alpena	007	5		0000	
				004	6	Alpena					01740
				999	9	Balance of county					99999
	005	000	2	999	9	Antrim	009	6		0000	
	006	000	2	999	9	Arenac	011	6		0000	
	007	000	2	999	9	Baraga	013	6		0000	
	008	000	2	999	9	Barry	015	4		0000	
	009	240	1			Bay	017	3		6960	
				007	6	Bangor township					05120
				009	5	Bay City					06020
				064	5	Midland, part					53780
				999	9	Balance of county					99999
	010	000	2	999	9	Benzie	019	6		0000	
	011	027	1			Berrien	021	3		0870	
				010	6	Benton Harbor					07520
				071	6	Niles, part					57760
				999	9	Balance of county					99999
	012	000	2	999	9	Branch	023	5		0000	
	013	143	1			Calhoun	025	3		3720	
				002	6	Albion					00980
				008	4	Battle Creek					05920
				999	9	Balance of county					99999
	014	000	2			Cass	027	5		0000	
				071	6	Niles, part					57760
				999	9	Balance of county					99999
	015	000	2	999	9	Charlevoix	029	6		0000	
	016	000	2	999	9	Cheboygan	031	6		0000	
	017	000	2			Chippewa	033	5		0000	
				091	6	Sault Ste. Marie					71740
				999	9	Balance of county					99999
	018	000	2	999	9	Clare	035	6		0000	
	019	156	1	999	9	Clinton	037	4		4040	
	020	000	2	999	9	Crawford	039	6		0000	
	021	000	2			Delta	041	5		0000	
				030	6	Escanaba					26360
				999	9	Balance of county					99999
	022	000	2	999	9	Dickinson	043	5		0000	
	023	156	1			Eaton	045	4		4040	
				024	5	Delta township					21520
				057	3	Lansing, part					46000
				999	9	Balance of county					99999
	024	000	2	999	9	Emmet	047	5		0000	
	025	093	1			Genesee	049	2		2640	
				016	5	Burton					12060
				034	3	Flint					29000
				035	5	Flint township					29020
				039	5	Grand Blanc township					33300
				067	5	Mount Morris township					55980
				999	9	Balance of county					99999
	026	000	2	999	9	Gladwin	051	6		0000	
	027	000	2	999	9	Gogebic	053	6		0000	
	028	000	2			Grand Traverse	055	4		0000	
				098	6	Traverse City, part					80340
				999	9	Balance of county					99999
	029	000	2	999	9	Gratiot	057	5		0000	
	030	000	2	999	9	Hillsdale	059	5		0000	
	031	000	2	999	9	Houghton	061	5		0000	
	032	000	2	999	9	Huron	063	5		0000	
	033	156	1			Ingham	065	2		4040	
				028	4	East Lansing					24120
				057	3	Lansing, part					46000
				063	5	Meridian township					53140
				999	9	Balance of county					99999
	034	000	2	999	9	Ionia	067	4		0000	
	035	000	2	999	9	Iosco	069	5		0000	
	036	000	2	999	9	Iron	071	6		0000	
	037	000	2			Isabella	073	4		0000	
				068	6	Mount Pleasant					56020
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	038	132	1			Jackson		075	3	3520	
				053	5	Jackson					41420
				999	9	Balance of county					99999
	039	143	1			Kalamazoo		077	3	3720	
				054	4	Kalamazoo					42160
				055	6	Kalamazoo township					42180
				079	5	Portage					65560
				999	9	Balance of county					99999
	040	000	2			Kalkaska		079	6	0000	
	041	112	1			Kent		081	1	3000	
				027	6	East Grand Rapids					23980
				041	3	Grand Rapids					34000
				042	6	Grandville					34160
				056	5	Kentwood					42820
				101	6	Walker					82960
				109	4	Wyoming					88940
				999	9	Balance of county					99999
	042	000	2			Keweenaw		083	6	0000	
	043	000	2			Lake		085	6	0000	
	044	076	1			Lapeer		087	4	2160	
	045	000	2			Leelanau		089	6	0000	
				098	6	Traverse City, part					80340
				999	9	Balance of county					99999
	046	011	1			Lenawee		091	4	0440	
				001	6	Adrian					00440
				999	9	Balance of county					99999
	047	011	1			Livingston		093	3	0440	
	048	000	2			Luce		095	6	0000	
	049	000	2			Mackinac		097	6	0000	
	050	076	1			Macomb		099	1	2160	
				019	5	Chesterfield township					15340
				021	4	Clinton township					16520
				026	5	East Detroit					23920
				036	6	Fraser					30420
				048	6	Harrison township					36820
				066	6	Mount Clemens					55820
				086	4	Roseville					69800
				090	4	St. Clair Shores					70760
				092	5	Shelby township					72820
				095	3	Sterling Heights					76460
				102	3	Warren					84000
				999	9	Balance of county					99999
	051	000	2			Manistee		101	6	0000	
	052	000	2			Marquette		103	4	0000	
				061	6	Marquette					51900
				999	9	Balance of county					99999
	053	000	2			Mason		105	5	0000	
	054	000	2			Mecosta		107	5	0000	
				013	6	Big Rapids					08300
				999	9	Balance of county					99999
	055	000	2			Menominee		109	6	0000	
	056	240	1			Midland		111	4	6960	
				064	5	Midland, part					53780
				999	9	Balance of county					99999
	057	000	2			Missaukee		113	6	0000	
	058	076	1			Monroe		115	3	2160	
				065	6	Monroe					55020
				999	9	Balance of county					99999
	059	000	2			Montcalm		117	4	0000	
	060	000	2			Montmorency		119	6	0000	
	061	112	1			Muskegon		121	3	3000	
				069	5	Muskegon					56320
				070	6	Muskegon Heights					56360
				073	6	Norton Shores					59140
				999	9	Balance of county					99999
	062	000	2			Newaygo		123	5	0000	
	063	076	1			Oakland		125	0	2160	
				006	6	Auburn Hills					04105
				011	6	Berkley					07660
				012	6	Beverly Hills village					08160
				014	6	Birmingham					08640
				015	5	Bloomfield township					09100
				020	6	Clawson					16160
				031	6	Farmington					27380

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	063					Oakland, con.		125	0	2160	
				032	4	Farmington Hills					27440
				033	5	Ferndale					27880
				049	6	Hazel Park					37420
				060	5	Madison Heights					50560
				074	5	Novi					59440
				075	5	Oak Park					59920
				078	4	Pontiac					65440
				084	4	Rochester Hills					69035
				087	4	Royal Oak					70040
				093	4	Southfield					74900
				100	4	Troy					80700
				103	4	Waterford township					84240
				105	4	West Bloomfield township					85490
				999	9	Balance of county					99999
	064	000	2	999	9	Oceana		127	6	0000	
	065	000	2	999	9	Ogemaw		129	6	0000	
	066	000	2	999	9	Ontonagon		131	6	0000	
	067	000	2	999	9	Osceola		133	6	0000	
	068	000	2	999	9	Oscoda		135	6	0000	
	069	000	2	999	9	Otsego		137	6	0000	
	070	112	1			Ottawa		139	3	3000	
				038	5	Georgetown township					31880
				040	6	Grand Haven					33340
				051	5	Holland, part					38640
				999	9	Balance of county					99999
	071	000	2	999	9	Presque Isle		141	6	0000	
	072	000	2	999	9	Roscommon		143	6	0000	
	073	240	1			Saginaw		145	3	6960	
				088	4	Saginaw					70520
				089	5	Saginaw township					70540
				999	9	Balance of county					99999
	074	076	1			St. Clair		147	3	2160	
				080	5	Port Huron					65820
				999	9	Balance of county					99999
	075	000	2			St. Joseph		149	4	0000	
				096	6	Sturgis					76960
				999	9	Balance of county					99999
	076	000	2	999	9	Sanilac		151	5	0000	
	077	000	2	999	9	Schoolcraft		153	6	0000	
	078	000	2			Shiawassee		155	4	0000	
				076	6	Owosso					61940
				999	9	Balance of county					99999
	079	000	2	999	9	Tuscola		157	4	0000	
	080	143	1	999	9	Van Buren		159	4	3720	
	081	011	1			Washtenaw		161	2	0440	
				005	3	Ann Arbor					03000
				110	6	Ypsilanti					89140
				111	5	Ypsilanti township					89160
				999	9	Balance of county					99999
	082	076	1			Wayne		163	0	2160	
				003	5	Allen Park					01380
				018	4	Canton township					13120
				022	4	Dearborn					21000
				023	4	Dearborn Heights					21020
				025	0	Detroit					22000
				029	6	Ecorse					24740
				037	5	Garden City					31420
				043	6	Grosse Pointe Farms					35520
				044	6	Grosse Pointe Park					35540
				045	6	Grosse Pointe Woods					35580
				046	6	Hamtramck					36280
				047	6	Harper Woods					36700
				050	6	Highland Park					38180
				052	5	Inkster					40680
				058	5	Lincoln Park					47800
				059	3	Livonia					49000
				062	6	Melvindale					52940
				072	6	Northville township					59000
				077	6	Plymouth township					65088
				081	4	Redford township					67660
				082	6	River Rouge					68760
				083	6	Riverview					68880
				085	6	Romulus					69420

Vital Statistics Geographic Code Outline For The United States
 Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
23						Michigan	26				
	082					Wayne, con.		163	0	2160	
				094	5	Southgate					74960
				097	4	Taylor					79000
				099	6	Trenton					80420
				104	6	Wayne					84940
				106	4	Westland					86000
				107	6	Woodhaven					88380
				108	5	Wyandotte					88900
				999	9	Balance of county					99999
	083	000	2			Wexford		165	5	0000	
				017	6	Cadillac					12320
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
24						Minnesota	27				
	001	000	2	999	9	Aitkin		001	6	0000	
	002	183	1			Anoka		003	3	5120	
				002	6	Andover					01486
				003	6	Anoka					01720
				007	5	Blaine, part					06382
				017	6	Columbia Heights					12700
				018	4	Coon Rapids					13114
				029	5	Fridley					22814
				055	6	Ramsey					53026
				999	9	Balance of county					99999
	003	000	2	999	9	Becker		005	5	0000	
	004	000	2			Beltrami		007	5	0000	
				006	6	Bemidji					05068
				999	9	Balance of county					99999
	005	241	1			Benton		009	5	6980	
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	006	000	2	999	9	Big Stone		011	6	0000	
	007	000	2			Blue Earth		013	4	0000	
				037	5	Mankato, part					39878
				049	6	North Mankato, part					47068
				999	9	Balance of county					99999
	008	000	2			Brown		015	5	0000	
				047	6	New Ulm					46042
				999	9	Balance of county					99999
	009	000	2			Carlton		017	5	0000	
				016	6	Cloquet					12160
				999	9	Balance of county					99999
	010	183	1			Carver		019	5	5120	
				014	6	Chanhassen, part					10918
				015	6	Chaska					10972
				999	9	Balance of county					99999
	011	000	2	999	9	Cass		021	6	0000	
	012	000	2	999	9	Chippewa		023	6	0000	
	013	183	1	999	9	Chisago		025	5	5120	
	014	090	1			Clay		027	4	2520	
				043	5	Moorhead					43864
				999	9	Balance of county					99999
	015	000	2	999	9	Clearwater		029	6	0000	
	016	000	2	999	9	Cook		031	6	0000	
	017	000	2	999	9	Cottonwood		033	6	0000	
	018	000	2			Crow Wing		035	5	0000	
				009	6	Brainerd					07300
				999	9	Balance of county					99999
	019	183	1			Dakota		037	2	5120	
				004	5	Apple Valley					01900
				012	4	Burnsville					08794
				022	5	Eagan					17288
				031	6	Hastings, part					27530
				035	6	Inver Grove Heights					31076
				036	6	Lakeville					35180
				048	6	Northfield, part					46924
				066	6	South St. Paul					61510
				069	6	West St. Paul					69718
				999	9	Balance of county					99999
	020	000	2	999	9	Dodge		039	6	0000	
	021	000	2	999	9	Douglas		041	5	0000	
	022	000	2	999	9	Faribault		043	6	0000	
	023	000	2	999	9	Fillmore		045	6	0000	
	024	000	2			Freeborn		047	5	0000	
				001	6	Albert Lea					00694
				999	9	Balance of county					99999
	025	000	2			Goodhue		049	5	0000	
				056	6	Red Wing					53620
				999	9	Balance of county					99999
	026	000	2	999	9	Grant		051	6	0000	
	027	183	1			Hennepin		053	0	5120	
				008	4	Bloomington					06616
				010	5	Brooklyn Center					07948
				011	4	Brooklyn Park					07966
				013	6	Champlin					10846
				014	6	Chanhassen, part					10918
				020	6	Crystal					14158
				023	5	Eden Prairie					18116

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
24						Minnesota	27				
	027					Hennepin, con.		053	0	5120	
				024	5	Edina					18188
				030	6	Golden Valley					24308
				033	6	Hopkins					30140
				038	5	Maple Grove					40166
				041	2	Minneapolis					43000
				042	5	Minnetonka					43252
				046	6	New Hope					45628
				053	4	Plymouth					51730
				057	5	Richfield					54214
				058	6	Robbinsdale					54808
				062	5	St. Louis Park					57220
				999	9	Balance of county					99999
	028	150	1	999	9	Houston		055	6	3870	
	029	000	2	999	9	Hubbard		057	6	0000	
	030	183	1	999	9	Isanti		059	5	5120	
	031	000	2	999	9	Itasca		061	5	0000	
	032	000	2	999	9	Jackson		063	6	0000	
	033	000	2	999	9	Kanabec		065	6	0000	
	034	000	2			Kandiyohi		067	5	0000	
				071	6	Willmar					70420
				999	9	Balance of county					99999
	035	000	2	999	9	Kittson		069	6	0000	
	036	000	2	999	9	Koochiching		071	6	0000	
	037	000	2	999	9	Lac qui Parle		073	6	0000	
	038	000	2	999	9	Lake		075	6	0000	
	039	000	2	999	9	Lake of the Woods		077	6	0000	
	040	000	2	999	9	Le Sueur		079	6	0000	
	041	000	2	999	9	Lincoln		081	6	0000	
	042	000	2			Lyon		083	6	0000	
				040	6	Marshall					40688
				999	9	Balance of county					99999
	043	000	2			McLeod		085	5	0000	
				034	6	Hutchinson					30644
				999	9	Balance of county					99999
	044	000	2	999	9	Mahnomen		087	6	0000	
	045	000	2	999	9	Marshall		089	6	0000	
	046	000	2			Martin		091	6	0000	
				026	6	Fairmont					20330
				999	9	Balance of county					99999
	047	000	2	999	9	Meeker		093	6	0000	
	048	000	2	999	9	Mille Lacs		095	6	0000	
	049	000	2	999	9	Morrison		097	5	0000	
	050	000	2			Mower		099	5	0000	
				005	6	Austin					02908
				999	9	Balance of county					99999
	051	000	2	999	9	Murray		101	6	0000	
	052	000	2			Nicollet		103	5	0000	
				037	5	Mankato, part					39878
				049	6	North Mankato, part					47068
				999	9	Balance of county					99999
	053	000	2	999	9	Nobles		105	6	0000	
	054	000	2	999	9	Norman		107	6	0000	
	055	235	1			Olmsted		109	3	6820	
				059	4	Rochester					54880
				999	9	Balance of county					99999
	056	000	2			Otter Tail		111	4	0000	
				028	6	Fergus Falls					20906
				999	9	Balance of county					99999
	057	000	2	999	9	Pennington		113	6	0000	
	058	000	2	999	9	Pine		115	6	0000	
	059	000	2	999	9	Pipestone		117	6	0000	
	060	111	1	999	9	Polk		119	5	2985	
	061	000	2	999	9	Pope		121	6	0000	
	062	183	1			Ramsey		123	2	5120	
				007	5	Blaine, part					06382
				039	5	Maplewood					40382
				044	6	Mounds View					44530
				045	6	New Brighton					45430
				050	6	North St. Paul					47284
				060	5	Roseville					55852
				063	2	St. Paul					58000
				065	6	Shoreview					59998
				068	6	Vadnais Heights					66460

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
24						Minnesota	27				
	062					Ramsey, con.		123	2	5120	
				070	6	White Bear Lake, part					69970
				999	9	Balance of county					99999
	063	000	2			Red Lake		125	6	0000	
	064	000	2			Redwood		127	6	0000	
	065	000	2			Renville		129	6	0000	
	066	000	2			Rice		131	5	0000	
				027	6	Faribault					20546
				048	6	Northfield, part					46924
				999	9	Balance of county					99999
	067	000	2			Rock		133	6	0000	
	068	000	2			Roseau		135	6	0000	
	069	080	1			St. Louis		137	3	2240	
				021	4	Duluth					17000
				032	6	Hibbing					28790
				999	9	Balance of county					99999
	070	183	1			Scott		139	4	5120	
				054	6	Prior Lake					52594
				064	6	Shakopee					59350
				999	9	Balance of county					99999
	071	183	1			Sherburne		141	5	5120	
				025	6	Elk River					18674
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	072	000	2			Sibley		143	6	0000	
	073	241	1			Stearns		145	3	6980	
				061	5	St. Cloud, part					56896
				999	9	Balance of county					99999
	074	000	2			Steele		147	5	0000	
				052	6	Owatonna					49300
				999	9	Balance of county					99999
	075	000	2			Stevens		149	6	0000	
	076	000	2			Swift		151	6	0000	
	077	000	2			Todd		153	6	0000	
	078	000	2			Traverse		155	6	0000	
	079	000	2			Wabasha		157	6	0000	
	080	000	2			Wadena		159	6	0000	
	081	000	2			Waseca		161	6	0000	
	082	183	1			Washington		163	3	5120	
				019	6	Cottage Grove					13456
				031	6	Hastings, part					27530
				051	6	Oakdale					47680
				067	6	Stillwater					62824
				070	6	White Bear Lake, part					69970
				073	6	Woodbury					71428
				999	9	Balance of county					99999
	083	000	2			Watsonwan		165	6	0000	
	084	000	2			Wilkin		167	6	0000	
	085	000	2			Winona		169	5	0000	
				072	5	Winona					71032
				999	9	Balance of county					99999
	086	183	1			Wright		171	4	5120	
	087	000	2			Yellow Medicine		173	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
25						Mississippi	28				
	001	000	2			Adams	001	5		0000	
				023	6	Natchez					50440
				999	9	Balance of county					99999
	002	000	2			Alcorn	003	5		0000	
				009	6	Corinth					15700
				999	9	Balance of county					99999
	003	000	2			Amite	005	6		0000	
	004	000	2			Attala	007	6		0000	
	005	000	2			Benton	009	6		0000	
	006	000	2			Bolivar	011	5		0000	
				006	6	Cleveland					14260
				999	9	Balance of county					99999
	007	000	2			Calhoun	013	6		0000	
	008	000	2			Carroll	015	6		0000	
	009	000	2			Chickasaw	017	6		0000	
	010	000	2			Choctaw	019	6		0000	
	011	000	2			Claiborne	021	6		0000	
	012	000	2			Clarke	023	6		0000	
	013	000	2			Clay	025	6		0000	
	014	000	2			Coahoma	027	5		0000	
				005	6	Clarksdale					13820
				999	9	Balance of county					99999
	015	000	2			Copiah	029	5		0000	
	016	000	2			Covington	031	6		0000	
	017	178	1			De Soto	033	4		4920	
				030	6	Southaven					69280
				999	9	Balance of county					99999
	018	123	1			Forrest	035	4		3285	
				015	5	Hattiesburg, part					31020
				999	9	Balance of county					99999
	019	000	2			Franklin	037	6		0000	
	020	000	2			George	039	6		0000	
	021	000	2			Greene	041	6		0000	
	022	000	2			Grenada	043	6		0000	
				013	6	Grenada					29460
				999	9	Balance of county					99999
	023	030	1			Hancock	045	5		0920	
	024	030	1			Harrison	047	3		0920	
				001	5	Biloxi					06220
				014	5	Gulfport					29700
				019	6	Long Beach					41680
				999	9	Balance of county					99999
	025	133	1			Hinds	049	2		3560	
				007	6	Clinton					14420
				017	3	Jackson, part					36000
				999	9	Balance of county					99999
	026	000	2			Holmes	051	6		0000	
	027	000	2			Humphreys	053	6		0000	
	028	000	2			Issaquena	055	6		0000	
	029	000	2			Itawamba	057	6		0000	
	030	030	1			Jackson	059	3		0920	
				010	6	Gautier					26860
				022	6	Moss Point					49240
				024	6	Ocean Springs					53520
				026	5	Pascagoula					55360
				999	9	Balance of county					99999
	031	000	2			Jasper	061	6		0000	
	032	000	2			Jefferson	063	6		0000	
	033	000	2			Jefferson Davis	065	6		0000	
	034	000	2			Jones	067	4		0000	
				018	6	Laurel					39640
				999	9	Balance of county					99999
	035	000	2			Kemper	069	6		0000	
	036	000	2			Lafayette	071	5		0000	
				025	6	Oxford					54840
				999	9	Balance of county					99999
	037	123	1			Lamar	073	5		3285	
				015	5	Hattiesburg, part					31020
				999	9	Balance of county					99999
	038	000	2			Lauderdale	075	4		0000	
				021	5	Meridian					46640
				999	9	Balance of county					99999
	039	000	2			Lawrence	077	6		0000	
	040	000	2			Leake	079	6		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
25						Mississippi	28				
	041	000	2			Lee		081	4	0000	
				032	5	Tupelo					74840
				999	9	Balance of county					99999
	042	000	2			Leflore		083	5	0000	
				012	6	Greenwood					29340
				999	9	Balance of county					99999
	043	000	2			Lincoln		085	5	0000	
				003	6	Brookhaven					08820
				999	9	Balance of county					99999
	044	000	2			Lowndes		087	4	0000	
				008	6	Columbus					15380
				999	9	Balance of county					99999
	045	133	1			Madison		089	4	3560	
				004	6	Canton					11100
				017	3	Jackson, part					36000
				029	6	Ridgeland					62520
				999	9	Balance of county					99999
	046	000	2			Marion		091	5	0000	
	047	000	2			Marshall		093	5	0000	
	048	000	2			Monroe		095	5	0000	
	049	000	2			Montgomery		097	6	0000	
	050	000	2			Neshoba		099	6	0000	
	051	000	2			Newton		101	6	0000	
	052	000	2			Noxubee		103	6	0000	
	053	000	2			Oktibbeha		105	5	0000	
				031	6	Starkville					70240
				999	9	Balance of county					99999
	054	000	2			Panola		107	5	0000	
	055	000	2			Pearl River		109	5	0000	
				028	6	Picayune					57160
				999	9	Balance of county					99999
	056	000	2			Perry		111	6	0000	
	057	000	2			Pike		113	5	0000	
				020	6	McComb					43280
				999	9	Balance of county					99999
	058	000	2			Pontotoc		115	6	0000	
	059	000	2			Prentiss		117	6	0000	
	060	000	2			Quitman		119	6	0000	
	061	133	1			Rankin		121	4	3560	
				002	6	Brandon					08300
				017	3	Jackson, part					36000
				027	6	Pearl					55760
				999	9	Balance of county					99999
	062	000	2			Scott		123	6	0000	
	063	000	2			Sharkey		125	6	0000	
	064	000	2			Simpson		127	6	0000	
	065	000	2			Smith		129	6	0000	
	066	000	2			Stone		131	6	0000	
	067	000	2			Sunflower		133	5	0000	
				016	6	Indianola					34740
				999	9	Balance of county					99999
	068	000	2			Tallahatchie		135	6	0000	
	069	000	2			Tate		137	6	0000	
	070	000	2			Tippah		139	6	0000	
	071	000	2			Tishomingo		141	6	0000	
	072	000	2			Tunica		143	6	0000	
	073	000	2			Union		145	6	0000	
	074	000	2			Walthall		147	6	0000	
	075	000	2			Warren		149	5	0000	
				033	6	Vicksburg					76720
				999	9	Balance of county					99999
	076	000	2			Washington		151	4	0000	
				011	5	Greenville					29180
				999	9	Balance of county					99999
	077	000	2			Wayne		153	6	0000	
	078	000	2			Webster		155	6	0000	
	079	000	2			Wilkinson		157	6	0000	
	080	000	2			Winston		159	6	0000	
	081	000	2			Yalobusha		161	6	0000	
	082	000	2			Yazoo		163	5	0000	
				034	6	Yazoo City					81520
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	001	000	2			Adair		001	6	0000	
				030	6	Kirksville					39026
				999	9	Balance of county					99999
	002	242	1			Andrew		003	6	7000	
	003	000	2			Atchison		005	6	0000	
	004	000	2			Audrain		007	6	0000	
				037	6	Mexico					47648
				999	9	Balance of county					99999
	005	000	2			Barry		009	5	0000	
	006	000	2			Barton		011	6	0000	
	007	000	2			Bates		013	6	0000	
	008	000	2			Benton		015	6	0000	
	009	000	2			Bollinger		017	6	0000	
	010	061	1			Boone		019	3	1740	
				012	4	Columbia					15670
				999	9	Balance of county					99999
	011	242	1			Buchanan		021	4	7000	
				047	4	St. Joseph					64550
				999	9	Balance of county					99999
	012	000	2			Butler		023	5	0000	
				041	6	Poplar Bluff					59096
				999	9	Balance of county					99999
	013	000	2			Caldwell		025	6	0000	
	014	000	2			Callaway		027	5	0000	
				019	6	Fulton					26182
				025	5	Jefferson City, part					37000
				999	9	Balance of county					99999
	015	000	2			Camden		029	5	0000	
	016	000	2			Cape Girardeau		031	4	0000	
				008	5	Cape Girardeau					11242
				999	9	Balance of county					99999
	017	000	2			Carroll		033	6	0000	
	018	000	2			Carter		035	6	0000	
	019	145	1			Cass		037	4	3760	
				004	6	Belton					04384
				028	2	Kansas City, part					38000
				032	5	Lee's Summit, part					41348
				999	9	Balance of county					99999
	020	000	2			Cedar		039	6	0000	
	021	000	2			Chariton		041	6	0000	
	022	270	1			Christian		043	5	7920	
	023	000	2			Clark		045	6	0000	
	024	145	1			Clay		047	3	3760	
				015	6	Excelsior Springs, part					23086
				020	5	Gladstone					27190
				024	3	Independence, part					35000
				028	2	Kansas City, part					38000
				033	6	Liberty					42032
				999	9	Balance of county					99999
	025	145	1			Clinton		049	6	3760	
	026	000	2			Cole		051	4	0000	
				025	5	Jefferson City, part					37000
				999	9	Balance of county					99999
	027	000	2			Cooper		053	6	0000	
	028	000	2			Crawford		055	6	0000	
	029	000	2			Dade		057	6	0000	
	030	000	2			Dallas		059	6	0000	
	031	000	2			Daviess		061	6	0000	
	032	000	2			De Kalb		063	6	0000	
	033	000	2			Dent		065	6	0000	
	034	000	2			Douglas		067	6	0000	
	035	000	2			Dunklin		069	5	0000	
				029	6	Kennett					38306
				999	9	Balance of county					99999
	036	243	1			Franklin		071	4	7040	
				055	6	Washington					77416
				999	9	Balance of county					99999
	037	000	2			Gasconade		073	6	0000	
	038	000	2			Gentry		075	6	0000	
	039	270	1			Greene		077	3	7920	
				052	3	Springfield					70000
				999	9	Balance of county					99999
	040	000	2			Grundy		079	6	0000	
	041	000	2			Harrison		081	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	042	000	2	999	9	Henry	083	6		0000	
	043	000	2	999	9	Hickory	085	6		0000	
	044	000	2	999	9	Holt	087	6		0000	
	045	000	2	999	9	Howard	089	6		0000	
	046	000	2	999	9	Howell	091	5		0000	
	047	000	2	999	9	Iron	093	6		0000	
	048	145	1			Jackson	095	1		3760	
				006	5	Blue Springs					06652
				021	6	Grandview					28324
				024	3	Independence, part					35000
				028	2	Kansas City, part					38000
				032	5	Lee's Summit, part					41348
				042	5	Raytown					60788
				999	9	Balance of county					99999
	049	142	1			Jasper	097	4		3710	
				009	6	Carthage					11656
				027	5	Joplin, part					37592
				999	9	Balance of county					99999
	050	243	1			Jefferson	099	3		7040	
				001	6	Arnold					01972
				999	9	Balance of county					99999
	051	000	2			Johnson	101	5		0000	
				054	6	Warrensburg					77092
				999	9	Balance of county					99999
	052	000	2	999	9	Knox	103	6		0000	
	053	000	2	999	9	Laclede	105	5		0000	
	054	145	1	999	9	Lafayette	107	5		3760	
	055	000	2	999	9	Lawrence	109	5		0000	
	056	000	2	999	9	Lewis	111	6		0000	
	057	243	1	999	9	Lincoln	113	5		7040	
	058	000	2	999	9	Linn	115	6		0000	
	059	000	2	999	9	Livingston	117	6		0000	
	060	000	2	999	9	McDonald	119	6		0000	
	061	000	2	999	9	Macon	121	6		0000	
	062	000	2	999	9	Madison	123	6		0000	
	063	000	2	999	9	Maries	125	6		0000	
	064	000	2			Marion	127	5		0000	
				022	6	Hannibal, part					30214
				999	9	Balance of county					99999
	065	000	2	999	9	Mercer	129	6		0000	
	066	000	2	999	9	Miller	131	6		0000	
	067	000	2	999	9	Mississippi	133	6		0000	
	068	000	2	999	9	Moniteau	135	6		0000	
	069	000	2	999	9	Monroe	137	6		0000	
	070	000	2	999	9	Montgomery	139	6		0000	
	071	000	2	999	9	Morgan	141	6		0000	
	072	000	2			New Madrid	143	6		0000	
				051	6	Sikeston, part					67790
				999	9	Balance of county					99999
	073	142	1			Newton	145	5		3710	
				027	5	Joplin, part					37592
				999	9	Balance of county					99999
	074	000	2			Nodaway	147	6		0000	
				036	6	Maryville					46640
				999	9	Balance of county					99999
	075	000	2	999	9	Oregon	149	6		0000	
	076	000	2	999	9	Osage	151	6		0000	
	077	000	2	999	9	Ozark	153	6		0000	
	078	000	2	999	9	Pemiscot	155	6		0000	
	079	000	2	999	9	Perry	157	6		0000	
	080	000	2			Pettis	159	5		0000	
				050	6	Sedalia					66440
				999	9	Balance of county					99999
	081	000	2			Phelps	161	5		0000	
				044	6	Rolla					62912
				999	9	Balance of county					99999
	082	000	2	999	9	Pike	163	6		0000	
	083	145	1			Platte	165	4		3760	
				028	2	Kansas City, part					38000
				999	9	Balance of county					99999
	084	000	2	999	9	Polk	167	6		0000	
	085	000	2	999	9	Pulaski	169	5		0000	
	086	000	2	999	9	Putnam	171	6		0000	
	087	000	2			Ralls	173	6		0000	
				022	6	Hannibal, part					30214

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
26						Missouri	29				
	087					Ralls, con.		173	6	0000	
				999	9	Balance of county					99999
	088	000	2			Randolph		175	6	0000	
				038	6	Moberly					49034
				999	9	Balance of county					99999
	089	145	1			Ray		177	6	3760	
				015	6	Excelsior Springs, part					23086
				999	9	Balance of county					99999
	090	000	2			Reynolds		179	6	0000	
	091	000	2			Ripley		181	6	0000	
	092	243	1			St. Charles		183	3	7040	
				039	6	O'Fallon					54074
				046	4	St. Charles					64082
				049	5	St. Peters					65126
				999	9	Balance of county					99999
	093	000	2			St. Clair		185	6	0000	
	094	000	2			Ste. Genevieve		186	6	0000	
	095	000	2			St. Francois		187	5	0000	
				016	6	Farmington					23752
				999	9	Balance of county					99999
	096	243	1			St. Louis		189	1	7040	
				002	6	Ballwin					03160
				003	6	Bellefontaine Neighbors					04222
				005	6	Berkeley					04906
				007	6	Bridgeton					08398
				010	5	Chesterfield					13600
				011	6	Clayton					14572
				013	6	Crestwood					17218
				014	6	Creve Coeur					17272
				017	6	Ferguson					23986
				018	4	Florissant					24778
				023	6	Hazelwood					31276
				026	6	Jennings					37178
				031	5	Kirkwood					39044
				035	5	Maryland Heights					46586
				040	6	Overland					55550
				043	6	Richmond Heights					61706
				045	6	St. Ann					63956
				053	5	University City					75220
				056	6	Webster Groves					78154
				999	9	Balance of county					99999
	097	243	1			St. Louis city		510	2	7040	
	098	000	2			Saline		195	6	0000	
				034	6	Marshall					46316
				999	9	Balance of county					99999
	099	000	2			Schuyler		197	6	0000	
	100	000	2			Scotland		199	6	0000	
	101	000	2			Scott		201	5	0000	
				051	6	Sikeston, part					67790
				999	9	Balance of county					99999
	102	000	2			Shannon		203	6	0000	
	103	000	2			Shelby		205	6	0000	
	104	000	2			Stoddard		207	5	0000	
	105	000	2			Stone		209	6	0000	
	106	000	2			Sullivan		211	6	0000	
	107	000	2			Taney		213	5	0000	
	108	000	2			Texas		215	6	0000	
	109	000	2			Vernon		217	6	0000	
	110	243	1			Warren		219	6	7040	
	111	000	2			Washington		221	6	0000	
	112	000	2			Wayne		223	6	0000	
	113	270	1			Webster		225	6	7920	
	114	000	2			Worth		227	6	0000	
	115	000	2			Wright		229	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
27						Montana	30				
	001	000	2	999	9	Beaverhead		001	6	0000	
	002	000	2	999	9	Big Horn		003	6	0000	
	003	000	2	999	9	Blaine		005	6	0000	
	004	000	2	999	9	Broadwater		007	6	0000	
	005	000	2	999	9	Carbon		009	6	0000	
	006	000	2	999	9	Carter		011	6	0000	
	007	113	1			Cascade		013	4	3040	
				005	4	Great Falls					32800
				999	9	Balance of county					99999
	008	000	2	999	9	Chouteau		015	6	0000	
	009	000	2	999	9	Custer		017	6	0000	
	010	000	2	999	9	Daniels		019	6	0000	
	011	000	2	999	9	Dawson		021	6	0000	
	012	000	2	001	6	Deer Lodge, coext. with Anaconda-Deer Lo		023	6	0000	01675
	013	000	2	999	9	Fallon		025	6	0000	
	014	000	2	999	9	Fergus		027	6	0000	
	015	000	2			Flathead		029	4	0000	
				008	6	Kalispell					40075
				999	9	Balance of county					99999
	016	000	2			Gallatin		031	4	0000	
				003	6	Bozeman					08950
				999	9	Balance of county					99999
	017	000	2	999	9	Garfield		033	6	0000	
	018	000	2	999	9	Glacier		035	6	0000	
	019	000	2	999	9	Golden Valley		037	6	0000	
	020	000	2	999	9	Granite		039	6	0000	
	021	000	2			Hill		041	6	0000	
				006	6	Havre					35050
				999	9	Balance of county					99999
	022	000	2	999	9	Jefferson		043	6	0000	
	023	000	2	999	9	Judith Basin		045	6	0000	
	024	000	2	999	9	Lake		047	6	0000	
	025	000	2			Lewis and Clark		049	5	0000	
				007	6	Helena					35600
				999	9	Balance of county					99999
	026	000	2	999	9	Liberty		051	6	0000	
	027	000	2	999	9	Lincoln		053	6	0000	
	028	000	2	999	9	McCone		055	6	0000	
	029	000	2	999	9	Madison		057	6	0000	
	030	000	2	999	9	Meagher		059	6	0000	
	031	000	2	999	9	Mineral		061	6	0000	
	032	000	2			Missoula		063	4	0000	
				009	5	Missoula					50200
				999	9	Balance of county					99999
	033	000	2	999	9	Musselshell		065	6	0000	
	034	000	2	999	9	Park		067	6	0000	
	035	000	2	999	9	Petroleum		069	6	0000	
	036	000	2	999	9	Phillips		071	6	0000	
	037	000	2	999	9	Pondera		073	6	0000	
	038	000	2	999	9	Powder River		075	6	0000	
	039	000	2	999	9	Powell		077	6	0000	
	040	000	2	999	9	Prairie		079	6	0000	
	041	000	2	999	9	Ravalli		081	5	0000	
	042	000	2	999	9	Richland		083	6	0000	
	043	000	2	999	9	Roosevelt		085	6	0000	
	044	000	2	999	9	Rosebud		087	6	0000	
	045	000	2	999	9	Sanders		089	6	0000	
	046	000	2	999	9	Sheridan		091	6	0000	
	047	000	2			Silver Bow		093	5	0000	
				004	5	Butte-Silver Bow					11390
				999	9	Balance of county					99999
	048	000	2	999	9	Stillwater		095	6	0000	
	049	000	2	999	9	Sweet Grass		097	6	0000	
	050	000	2	999	9	Teton		099	6	0000	
	051	000	2	999	9	Toole		101	6	0000	
	052	000	2	999	9	Treasure		103	6	0000	
	053	000	2	999	9	Valley		105	6	0000	
	054	000	2	999	9	Wheatland		107	6	0000	
	055	000	2	999	9	Wibaux		109	6	0000	
	056	029	1			Yellowstone		111	3	0880	
				002	4	Billings					06550
				999	9	Balance of county					99999
	057	000	2	999	9	Yellowstone National Park		113	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
28						Nebraska	31				
	001	000	2			Adams		001	5	0000	
				006	6	Hastings					21415
				999	9	Balance of county					99999
	002	000	2			Antelope		003	6	0000	
	003	000	2			Arthur		005	6	0000	
	004	000	2			Banner		007	6	0000	
	005	000	2			Blaine		009	6	0000	
	006	000	2			Boone		011	6	0000	
	007	000	2			Box Butte		013	6	0000	
	008	000	2			Boyd		015	6	0000	
	009	000	2			Brown		017	6	0000	
	010	000	2			Buffalo		019	5	0000	
				007	6	Kearney					25055
				999	9	Balance of county					99999
	011	000	2			Burt		021	6	0000	
	012	000	2			Butler		023	6	0000	
	013	206	1			Cass		025	6	5920	
	014	000	2			Cedar		027	6	0000	
	015	000	2			Chase		029	6	0000	
	016	000	2			Cherry		031	6	0000	
	017	000	2			Cheyenne		033	6	0000	
	018	000	2			Clay		035	6	0000	
	019	000	2			Colfax		037	6	0000	
	020	000	2			Cuming		039	6	0000	
	021	000	2			Custer		041	6	0000	
	022	265	1			Dakota		043	6	7720	
	023	000	2			Dawes		045	6	0000	
	024	000	2			Dawson		047	6	0000	
	025	000	2			Deuel		049	6	0000	
	026	000	2			Dixon		051	6	0000	
	027	000	2			Dodge		053	5	0000	
				004	6	Fremont					17670
				999	9	Balance of county					99999
	028	206	1			Douglas		055	2	5920	
				011	2	Omaha					37000
				999	9	Balance of county					99999
	029	000	2			Dundy		057	6	0000	
	030	000	2			Fillmore		059	6	0000	
	031	000	2			Franklin		061	6	0000	
	032	000	2			Frontier		063	6	0000	
	033	000	2			Furnas		065	6	0000	
	034	000	2			Gage		067	6	0000	
				001	6	Beatrice					03390
				999	9	Balance of county					99999
	035	000	2			Garden		069	6	0000	
	036	000	2			Garfield		071	6	0000	
	037	000	2			Gosper		073	6	0000	
	038	000	2			Grant		075	6	0000	
	039	000	2			Greeley		077	6	0000	
	040	000	2			Hall		079	5	0000	
				005	5	Grand Island					19595
				999	9	Balance of county					99999
	041	000	2			Hamilton		081	6	0000	
	042	000	2			Harlan		083	6	0000	
	043	000	2			Hayes		085	6	0000	
	044	000	2			Hitchcock		087	6	0000	
	045	000	2			Holt		089	6	0000	
	046	000	2			Hooker		091	6	0000	
	047	000	2			Howard		093	6	0000	
	048	000	2			Jefferson		095	6	0000	
	049	000	2			Johnson		097	6	0000	
	050	000	2			Kearney		099	6	0000	
	051	000	2			Keith		101	6	0000	
	052	000	2			Keya Paha		103	6	0000	
	053	000	2			Kimball		105	6	0000	
	054	000	2			Knox		107	6	0000	
	055	165	1			Lancaster		109	3	4360	
				008	3	Lincoln					28000
				999	9	Balance of county					99999
	056	000	2			Lincoln		111	5	0000	
				010	6	North Platte					35000
				999	9	Balance of county					99999
	057	000	2			Logan		113	6	0000	
	058	000	2			Loup		115	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
28						Nebraska	31				
	059	000	2	999	9	McPherson		117	6	0000	
	060	000	2			Madison		119	5	0000	
				009	6	Norfolk					34615
				999	9	Balance of county					99999
	061	000	2	999	9	Merrick		121	6	0000	
	062	000	2	999	9	Morrill		123	6	0000	
	063	000	2	999	9	Nance		125	6	0000	
	064	000	2	999	9	Nemaha		127	6	0000	
	065	000	2	999	9	Nuckolls		129	6	0000	
	066	000	2	999	9	Otoe		131	6	0000	
	067	000	2	999	9	Pawnee		133	6	0000	
	068	000	2	999	9	Perkins		135	6	0000	
	069	000	2	999	9	Phelps		137	6	0000	
	070	000	2	999	9	Pierce		139	6	0000	
	071	000	2			Platte		141	5	0000	
				003	6	Columbus					10110
				999	9	Balance of county					99999
	072	000	2	999	9	Polk		143	6	0000	
	073	000	2	999	9	Red Willow		145	6	0000	
	074	000	2	999	9	Richardson		147	6	0000	
	075	000	2	999	9	Rock		149	6	0000	
	076	000	2	999	9	Saline		151	6	0000	
	077	206	1			Sarpy		153	3	5920	
				002	5	Bellevue					03950
				012	6	Papillion					38295
				999	9	Balance of county					99999
	078	000	2	999	9	Saunders		155	6	0000	
	079	000	2			Scotts Bluff		157	5	0000	
				013	6	Scottsbluff					44245
				999	9	Balance of county					99999
	080	000	2	999	9	Seward		159	6	0000	
	081	000	2	999	9	Sheridan		161	6	0000	
	082	000	2	999	9	Sherman		163	6	0000	
	083	000	2	999	9	Sioux		165	6	0000	
	084	000	2	999	9	Stanton		167	6	0000	
	085	000	2	999	9	Thayer		169	6	0000	
	086	000	2	999	9	Thomas		171	6	0000	
	087	000	2	999	9	Thurston		173	6	0000	
	088	000	2	999	9	Valley		175	6	0000	
	089	206	1	999	9	Washington		177	6	5920	
	090	000	2	999	9	Wayne		179	6	0000	
	091	000	2	999	9	Webster		181	6	0000	
	092	000	2	999	9	Wheeler		183	6	0000	
	093	000	2	999	9	York		185	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
29						Nevada	32				
	001	000	2	002	5	Carson City city		510	5	0000	09700
	002	000	2	999	9	Churchill		001	6	0000	
	003	159	1			Clark		003	1	4120	
				001	6	Boulder City					06500
				004	4	Henderson					31900
				005	2	Las Vegas					40000
				006	5	North Las Vegas					51800
				999	9	Balance of county					99999
	004	000	2	999	9	Douglas		005	5	0000	
	005	000	2			Elko		007	5	0000	
				003	6	Elko					22500
				999	9	Balance of county					99999
	006	000	2	999	9	Esmeralda		009	6	0000	
	007	000	2	999	9	Eureka		011	6	0000	
	008	000	2	999	9	Humboldt		013	6	0000	
	009	000	2	999	9	Lander		015	6	0000	
	010	000	2	999	9	Lincoln		017	6	0000	
	011	000	2	999	9	Lyon		019	6	0000	
	012	000	2	999	9	Mineral		021	6	0000	
	013	159	1	999	9	Nye		023	6	4120	
	014	000	2	999	9	Pershing		027	6	0000	
	015	000	2	999	9	Storey		029	6	0000	
	016	230	1			Washoe		031	2	6720	
				007	3	Reno					60600
				008	4	Sparks					68400
				999	9	Balance of county					99999
	017	000	2	999	9	White Pine		033	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
30						New Hampshire	33				
	001	000	2			Belknap		001	5	0000	
				006	6	Laconia					40180
				999	9	Balance of county					99999
	002	000	2			Carroll		003	5	0000	
	003	000	2			Cheshire		005	4	0000	
				005	6	Keene					39300
				999	9	Balance of county					99999
	004	000	2			Coos		007	5	0000	
				001	6	Berlin					05140
				999	9	Balance of county					99999
	005	000	2			Grafton		009	4	0000	
				007	6	Lebanon					41300
				999	9	Balance of county					99999
	006	037	1			Hillsborough		011	2	1123	
				008	4	Manchester					45140
				009	4	Nashua					50260
				999	9	Balance of county					99999
	007	000	2			Merrimack		013	3	0000	
				003	5	Concord					14200
				999	9	Balance of county					99999
	008	037	1			Rockingham		015	3	1123	
				010	5	Portsmouth					62900
				012	5	Salem town					66660
				999	9	Balance of county					99999
	009	037	1			Strafford		017	3	1123	
				004	5	Dover					18820
				011	5	Rochester					65140
				013	6	Somersworth					69940
				999	9	Balance of county					99999
	010	000	2			Sullivan		019	5	0000	
				002	6	Claremont					12900
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
31						New Jersey	34				
	001	017	1			Atlantic		001	3	0560	
				003	5	Atlantic City					02080
				014	6	Brigantine					07810
				057	6	Hammonton					29430
				130	6	Pleasantville					59640
				148	6	Somers Point					68430
				163	6	Ventnor City					75620
				999	9	Balance of county					99999
	002	028	1			Bergen		003	1	0875	
				007	6	Bergenfield borough					05170
				022	6	Cliffside Park borough					13570
				031	6	Dumont borough					18400
				038	6	Elmwood Park borough					21300
				039	6	Englewood					21480
				042	5	Fair Lawn borough					22470
				043	6	Fairview borough					22560
				045	5	Fort Lee borough					24420
				048	5	Garfield					25770
				050	6	Glen Rock borough					26640
				053	5	Hackensack					28680
				060	6	Hasbrouck Heights borough					30420
				081	6	Lodi borough					41100
				083	6	Lyndhurst township					42090
				106	6	New Milford borough					51660
				108	6	North Arlington borough					52320
				113	6	Oakland borough					53850
				117	6	Palisades Park borough					55770
				118	5	Paramus borough					55950
				135	6	Ramsey borough					61680
				137	6	Ridgefield Park village					62940
				138	6	Ridgewood village					63000
				140	6	River Edge borough					63360
				143	6	Rutherford borough					65280
				144	6	Saddle Brook township					65340
				156	5	Teaneck township					72360
				157	6	Tenafly borough					72420
				167	6	Wallington borough					76490
				175	6	Westwood borough					80270
				180	6	Wyckoff township					83050
				999	9	Balance of county					99999
	003	214	1			Burlington		005	2	6160	
				019	6	Cinnaminson township					12940
				026	6	Delran township					17440
				040	5	Evesham township					22110
				044	6	Florence township					23850
				088	6	Maple Shade township					43740
				098	6	Moorestown township					47880
				101	6	Mount Holly township					48900
				102	5	Mount Laurel township					49020
				122	5	Pemberton township					57510
				176	5	Willingboro township					81440
				999	9	Balance of county					99999
	004	214	1			Camden		007	1	6160	
				006	6	Bellmawr borough					04750
				015	4	Camden					10000
				018	4	Cherry Hill township					12280
				024	6	Collingswood borough					14260
				051	6	Gloucester City					26820
				052	4	Gloucester township					26760
				054	6	Haddonfield borough					28770
				055	6	Haddon township					28740
				078	6	Lindenwold borough					40440
				123	5	Pennsauken township					57660
				166	6	Voorhees township					76220
				177	5	Winslow township					81740
				999	9	Balance of county					99999
	005	017	1			Cape May		009	4	0560	
				114	6	Ocean City					54360
				999	9	Balance of county					99999
	006	293	1			Cumberland		011	3	8760	
				012	6	Bridgeton					07600
				095	5	Millville					46680
				165	4	Vineland					76070
				999	9	Balance of county					99999

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
31						New Jersey	34				
	007	198	1			Essex		013	1	5640	
				005	5	Belleville township					04690
				010	5	Bloomfield township					06250
				017	6	Cedar Grove township					11230
				033	4	East Orange					19390
				069	4	Irvington township					34430
				080	5	Livingston township					40920
				089	6	Maplewood township					43830
				094	6	Millburn township					46410
				097	5	Montclair township					47485
				104	2	Newark					51000
				112	5	Nutley township					53670
				151	6	South Orange Village township					69274
				164	6	Verona township					75800
				999	9	Balance of county					99999
				999	9	Balance of county					99999
	008	214	1			Gloucester		015	3	6160	
				028	6	Deptford township					17710
				049	6	Glassboro borough					26340
				096	5	Monroe township					47250
				168	5	Washington township					77180
				171	6	West Deptford township					78800
				179	6	Woodbury					82120
				999	9	Balance of county					99999
	009	139	1			Hudson		017	1	3640	
				004	4	Bayonne					03580
				059	6	Harrison					30210
				066	5	Hoboken					32250
				071	3	Jersey City					36000
				073	5	Kearny					36510
				109	5	North Bergen township					52440
				147	6	Secaucus					66570
				161	4	Union City					74630
				170	6	Weehawken township					77960
				173	5	West New York					79610
				999	9	Balance of county					99999
	010	181	1	999	9	Hunterdon		019	3	5015	
	011	284	1			Mercer		021	2	8480	
				034	6	East Windsor township					19780
				041	5	Ewing township					22180
				056	4	Hamilton township					29310
				075	5	Lawrence township					39510
				133	6	Princeton borough					60900
				160	4	Trenton					74000
				999	9	Balance of county					99999
	012	181	1			Middlesex		023	1	5015	
				016	6	Carteret borough					10750
				032	5	East Brunswick township					18970
				036	4	Edison township					20260
				063	6	Highland Park borough					31470
				091	6	Metuchen borough					45690
				092	6	Middlesex borough					45900
				105	5	New Brunswick					51210
				110	5	North Brunswick township					52590
				116	4	Old Bridge township					54705
				125	5	Perth Amboy					58200
				127	5	Piscataway township					58980
				129	6	Plainsboro township					59280
				145	5	Sayreville borough					65790
				150	5	South Brunswick township					68790
				152	6	South Plainfield borough					69390
				153	6	South River borough					69420
				178	6	Woodbridge township					81950
				999	9	Balance of county					99999
	013	186	1			Monmouth		025	1	5190	
				001	6	Aberdeen township					00070
				002	6	Asbury Park					01960
				035	6	Eatontown borough					19840
				047	6	Freehold borough					25200
				062	6	Hazlet township					30690
				068	5	Howell township					33300
				072	6	Keansburg borough					36480
				082	5	Long Branch					41310
				085	5	Manalapan township					42990

Vital Statistics Codes				FIPS Codes			
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	Place
31						New Jersey	
	013					Monmouth, con.	34 025 1 5190
				090	5	Marlboro township	44070
				093	4	Middletown township	45990
				103	5	Neptune township	49890
				115	5	Ocean township	54270
				136	6	Red Bank borough	62430
				158	6	Tinton Falls borough	73020
				999	9	Balance of county	99999
	014	198	1			Morris	027 2 5640
				027	6	Denville township	17650
				029	6	Dover	18070
				058	6	Hanover township	29655
				076	6	Lincoln Park borough	40290
				084	6	Madison borough	42510
				099	6	Morristown	48300
				100	6	Morris township	48090
				119	5	Parsippany-Troy Hills township	56475
				124	6	Pequannock township	58125
				999	9	Balance of county	99999
	015	186	1			Ocean	029 2 5190
				009	5	Berkeley township	05300
				011	4	Brick township	07520
				030	4	Dover township	18130
				070	5	Jackson township	34680
				074	5	Lakewood township	38550
				086	5	Manchester township	43140
				131	6	Point Pleasant borough	59880
				999	9	Balance of county	99999
	016	028	1			Passaic	031 2 0875
				023	4	Clifton	13690
				061	6	Hawthorne borough	30570
				079	6	Little Falls township	40650
				120	4	Passaic	56550
				121	3	Paterson	57000
				132	6	Pompton Lakes borough	60090
				139	6	Ringwood borough	63150
				159	6	Totowa borough	73140
				169	5	Wayne township	77870
				174	6	West Paterson borough	79820
				999	9	Balance of county	99999
	017	214	1			Salem	033 4 6160
	018	181	1			Somerset	035 3 5015
				013	5	Bridgewater township	07720
				046	5	Franklin township	24900
				064	5	Hillsborough township	31890
				087	6	Manville borough	43620
				111	6	North Plainfield borough	53280
				149	6	Somerville borough	68460
				999	9	Balance of county	99999
	019	198	1			Sussex	037 3 5640
				067	6	Hopatcong borough	32910
				999	9	Balance of county	99999
	020	198	1			Union	039 2 5640
				008	6	Berkeley Heights township	05350
				021	6	Clark township	13180
				025	6	Cranford township	15670
				037	3	Elizabeth	21000
				065	6	Hillside township	32010
				077	5	Linden	40350
				107	6	New Providence borough	51810
				128	5	Plainfield	59190
				134	5	Rahway	61530
				141	6	Roselle borough	64620
				142	6	Roselle Park borough	64650
				146	6	Scotch Plains township	66090
				154	6	Springfield township	70050
				155	6	Summit	71430
				162	4	Union township	74510
				172	5	Westfield	79040
				999	9	Balance of county	99999
	021	198	1			Warren	041 4 5640
				126	6	Phillipsburg	58350
				999	9	Balance of county	99999

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
32						New Mexico	35				
	001	005	1			Bernalillo		001	2	0200	
				002	2	Albuquerque					02000
				999	9	Balance of county					99999
	002	000	2			Catron		003	6	0000	
	003	000	2			Chaves		005	4	0000	
				014	5	Roswell					64930
				999	9	Balance of county					99999
	004	000	2			Cibola		006	6	0000	
	005	000	2			Colfax		007	6	0000	
	006	000	2			Curry		009	5	0000	
				005	5	Clovis					16420
				999	9	Balance of county					99999
	007	000	2			De Baca		011	6	0000	
	008	158	1			Dona Ana		013	3	4100	
				010	4	Las Cruces					39380
				999	9	Balance of county					99999
	009	000	2			Eddy		015	5	0000	
				003	6	Artesia					05220
				004	6	Carlsbad					12150
				999	9	Balance of county					99999
	010	000	2			Grant		017	5	0000	
				016	6	Silver City					73260
				999	9	Balance of county					99999
	011	000	2			Guadalupe		019	6	0000	
	012	000	2			Harding		021	6	0000	
	013	000	2			Hidalgo		023	6	0000	
	014	000	2			Lea		025	4	0000	
				009	5	Hobbs					32520
				999	9	Balance of county					99999
	015	000	2			Lincoln		027	6	0000	
	016	255	1			Los Alamos		028	6	7490	
	017	000	2			Luna		029	6	0000	
				006	6	Deming					20270
				999	9	Balance of county					99999
	018	000	2			McKinley		031	4	0000	
				008	6	Gallup					28460
				999	9	Balance of county					99999
	019	000	2			Mora		033	6	0000	
	020	000	2			Otero		035	4	0000	
				001	5	Alamogordo					01780
				999	9	Balance of county					99999
	021	000	2			Quay		037	6	0000	
	022	000	2			Rio Arriba		039	5	0000	
	023	000	2			Roosevelt		041	6	0000	
				012	6	Portales					59260
				999	9	Balance of county					99999
	024	005	1			Sandoval		043	4	0200	
				013	5	Rio Rancho					63530
				999	9	Balance of county					99999
	025	000	2			San Juan		045	4	0000	
				007	5	Farlington					25800
				999	9	Balance of county					99999
	026	000	2			San Miguel		047	5	0000	
				011	6	Las Vegas					39940
				999	9	Balance of county					99999
	027	255	1			Santa Fe		049	4	7490	
				015	4	Santa Fe					70500
				999	9	Balance of county					99999
	028	000	2			Sierra		051	6	0000	
	029	000	2			Socorro		053	6	0000	
	030	000	2			Taos		055	6	0000	
	031	000	2			Torrance		057	6	0000	
	032	000	2			Union		059	6	0000	
	033	005	1			Valencia		061	5	0200	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33						New York	36				
	001	004	1			Albany		001	2	0160	
				001	3	Albany					01000
				007	5	Bethlehem town					06354
				017	6	Cohoes					16749
				097	6	Watervliet					78674
				999	9	Balance of county					99999
	002	000	2	999	9	Allegany		003	4	0000	
	003	031	1			Broome		007	3	0960	
				008	4	Binghamton					06607
				024	6	Endicott village					24515
				043	6	Johnson City village					38748
				095	5	Vestal town					77255
				999	9	Balance of county					99999
	004	000	2			Cattaraugus		009	4	0000	
				065	6	Olean					54716
				999	9	Balance of county					99999
	005	276	1			Cayuga		011	4	8160	
				003	5	Auburn					03078
				999	9	Balance of county					99999
	006	137	1			Chautauqua		013	3	3610	
				021	6	Dunkirk					21105
				026	6	Fredonia village					27419
				042	5	Jamestown					38264
				999	9	Balance of county					99999
	007	085	1			Chemung		015	4	2335	
				023	5	Elmira					24229
				999	9	Balance of county					99999
	008	000	2			Chenango		017	4	0000	
	009	000	2			Clinton		019	4	0000	
				073	6	Plattsburgh					58574
				999	9	Balance of county					99999
	010	000	2			Columbia		021	4	0000	
	011	000	2			Cortland		023	5	0000	
				019	6	Cortland					18388
				999	9	Balance of county					99999
	012	000	2			Delaware		025	5	0000	
	013	081	1			Dutchess		027	2	2281	
				006	6	Beacon					05100
				076	5	Poughkeepsie					59641
				999	9	Balance of county					99999
	014	043	1			Erie		029	1	1280	
				012	2	Buffalo					11000
				020	6	Depew village					20313
				036	6	Hamburg village					31643
				044	6	Kenmore village					39232
				046	6	Lackawanna					40189
				047	6	Lancaster village					41135
				091	6	Tonawanda					74166
				099	5	West Seneca town					80918
				999	9	Balance of county					99999
	015	000	2			Essex		031	5	0000	
	016	000	2			Franklin		033	5	0000	
	017	000	2			Fulton		035	4	0000	
				034	6	Gloversville					29443
				999	9	Balance of county					99999
	018	236	1			Genesee		037	4	6840	
				005	6	Batavia					04715
				999	9	Balance of county					99999
	019	000	2			Greene		039	5	0000	
	020	000	2			Hamilton		041	6	0000	
	021	289	1			Herkimer		043	4	8680	
	022	000	2			Jefferson		045	3	0000	
				096	5	Watertown					78608
				999	9	Balance of county					99999
	023	000	2			Lewis		049	5	0000	
	024	236	1			Livingston		051	4	6840	
	025	276	1			Madison		053	4	8160	
				066	6	Oneida					54837
				999	9	Balance of county					99999
	026	236	1			Monroe		055	1	6840	
				009	5	Brighton town					08246
				015	5	Chili town					15462
				030	5	Gates town					28442
				035	4	Greece town					30290

Vital Statistics Codes					FIPS Codes					
St	Cnty	P/MSA	M/NM	City P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33					New York	36				
	026				Monroe, con.	055	1		6840	
				039	5					34099
				040	4					37726
				072	5					57144
				078	3					63000
				999	9					99999
	027	004	1		Montgomery	057	4		0160	
				002	6					02066
				999	9					99999
	028	193	1		Nassau	059	0		5380	
				022	6					22876
				025	6					26264
				027	5					27485
				029	6					28178
				032	6					29113
				038	5					33139
				050	5					43335
				051	6					43874
				054	6					45997
				057	6					47636
				079	6					63264
				094	5					76705
				098	6					79444
				999	9					99999
	029	197	1		New York city				5600	51000
				010	0	005	0			
				011	0	047	0			
				053	0	061	0			
				077	0	081	0			
				087	0	085	0			
	030	043	1		Niagara	063	3		1280	
				049	6					43082
				061	4					51055
				063	5					53682
				999	9					99999
	031	289	1		Oneida	065	2		8680	
				080	5					63418
				093	4					76540
				999	9					99999
	032	276	1		Onondaga	067	2		8160	
				089	3					73000
				999	9					99999
	033	236	1		Ontario	069	4		6840	
				013	6					12144
				031	6					28640
				999	9					99999
	034	199	1		Orange	071	2		5660	
				056	6					47042
				059	5					50034
				999	9					99999
	035	236	1		Orleans	073	5		6840	
	036	276	1		Oswego	075	3		8160	
				028	6					27815
				069	6					55574
				999	9					99999
	037	000	2		Otsego	077	4		0000	
				067	6					54881
				999	9					99999
	038	197	1		Putnam	079	4		5600	
				014	5					12529
				999	9					99999
	039	004	1		Rensselaer	083	3		0160	
				092	4					75484
				999	9					99999
	040	197	1		Rockland	087	2		5600	
				086	6					70420
				088	6					71894
				999	9					99999
	041	000	2		St. Lawrence	089	3		0000	
				055	6					46019
				064	6					54485
				075	6					59564
				999	9					99999
	042	004	1		Saratoga	091	3		0160	
				016	5					16353
					Clifton Park town					

Vital Statistics Codes					FIPS Codes					
St	Cnty	P/MSA	M/NM	City P/S	Area Names	St	Cnty	P/S	P/MSA	Place
33					New York	36				
	042			083 5	Saratoga, con.		091	3	0160	
				999 9	Saratoga Springs					65255
					Balance of county					99999
	043	004	1	062 6	Schenectady		093	3	0160	
				081 5	Niskayuna town					51264
				085 4	Rotterdam town					63935
				999 9	Schenectady					65508
					Balance of county					99999
	044	004	1	999 9	Schoharie		095	5	0160	
	045	000	2	999 9	Schuyler		097	6	0000	
	046	000	2	999 9	Seneca		099	5	0000	
				031 6	Geneva, part					28640
				999 9	Balance of county					99999
	047	000	2	018 6	Steuben		101	4	0000	
				999 9	Corning					18256
					Balance of county					99999
	048	193	1	004 6	Suffolk		103	0	5380	
				048 5	Babylon village					03408
				070 6	Lindenhurst village					42554
				999 9	Patchogue village					56660
					Balance of county					99999
	049	000	2	999 9	Sullivan		105	4	0000	
	050	031	1	999 9	Tioga		107	4	0960	
	051	000	2	999 9	Tompkins		109	4	0000	
				041 5	Ithaca					38077
				999 9	Balance of county					99999
	052	000	2	045 6	Ulster		111	3	0000	
				999 9	Kingston					39727
					Balance of county					99999
	053	109	1	033 6	Warren		113	4	2975	
				999 9	Glens Falls					29333
					Balance of county					99999
	054	109	1	999 9	Washington		115	4	2975	
	055	236	1	999 9	Wayne		117	4	6840	
	056	197	1	999 9	Westchester		119	1	5600	
				037 6	Harrison village					32402
				052 6	Mamaroneck village					44831
				058 4	Mount Vernon					49121
				060 4	New Rochelle					50617
				068 6	Ossining village					55530
				071 6	Peekskill					56979
				074 6	Port Chester village					59223
				082 6	Rye					64309
				084 6	Scarsdale village					65431
				090 6	Tarrytown village					73176
				100 5	White Plains					81677
				101 3	Yonkers					84000
				102 5	Yorktown town					84077
				999 9	Balance of county					99999
	057	000	2	999 9	Wyoming		121	5	0000	
	058	000	2	999 9	Yates		123	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	001	116	1			Alamance		001	3	3120	
				005	5	Burlington					09060
				018	6	Graham					27280
				999	9	Balance of county					99999
	002	124	1	999	9	Alexander		003	5	3290	
	003	000	2	999	9	Alleghany		005	6	0000	
	004	000	2	999	9	Anson		007	6	0000	
	005	000	2	999	9	Ashe		009	6	0000	
	006	000	2	999	9	Avery		011	6	0000	
	007	000	2	999	9	Beaufort		013	5	0000	
	008	000	2	999	9	Bertie		015	6	0000	
	009	000	2	999	9	Bladen		017	5	0000	
	010	305	1	999	9	Brunswick		019	4	9200	
	011	014	1			Buncombe		021	3	0480	
				003	4	Asheville					02140
				999	9	Balance of county					99999
	012	124	1			Burke		023	4	3290	
				023	5	Hickory, part					31060
				036	6	Morganton					44400
				999	9	Balance of county					99999
	013	051	1			Cabarrus		025	4	1520	
				010	5	Concord					14100
				026	5	Kannapolis, part					35200
				999	9	Balance of county					99999
	014	124	1			Caldwell		027	4	3290	
				030	6	Lenoir					37760
				999	9	Balance of county					99999
	015	000	2			Camden		029	6	0000	
				013	6	Elizabeth City, part					20580
				999	9	Balance of county					99999
	016	000	2	999	9	Carteret		031	4	0000	
	017	000	2	999	9	Caswell		033	6	0000	
	018	124	1			Catawba		035	3	3290	
				023	5	Hickory, part					31060
				999	9	Balance of county					99999
	019	226	1	999	9	Chatham		037	5	6640	
	020	000	2	999	9	Cherokee		039	6	0000	
	021	000	2	999	9	Chowan		041	6	0000	
	022	000	2	999	9	Clay		043	6	0000	
	023	000	2			Cleveland		045	4	0000	
				044	6	Shelby					61200
				999	9	Balance of county					99999
	024	000	2	999	9	Columbus		047	5	0000	
	025	000	2			Craven		049	4	0000	
				021	6	Havelock					30120
				037	6	New Bern					46340
				999	9	Balance of county					99999
	026	091	1			Cumberland		051	2	2560	
				014	4	Fayetteville					22920
				999	9	Balance of county					99999
	027	200	1	999	9	Currituck		053	6	5720	
	028	000	2	999	9	Dare		055	6	0000	
	029	116	1			Davidson		057	3	3120	
				024	4	High Point, part					31400
				031	6	Lexington					38060
				047	6	Thomasville					67420
				999	9	Balance of county					99999
	030	116	1	999	9	Davie		059	5	3120	
	031	000	2	999	9	Duplin		061	5	0000	
	032	226	1			Durham		063	3	6640	
				008	5	Chapel Hill, part					11800
				011	3	Durham, part					19000
				999	9	Balance of county					99999
	033	238	1			Edgecombe		065	4	6895	
				041	5	Rocky Mount, part					57500
				046	6	Tarboro					66700
				999	9	Balance of county					99999
	034	116	1			Forsyth		067	2	3120	
				024	4	High Point, part					31400
				027	6	Kernersville, part					35600
				050	3	Winston-Salem					75000
				999	9	Balance of county					99999
	035	226	1	999	9	Franklin		069	5	6640	
	036	051	1			Gaston		071	3	1520	
				016	4	Gastonia					25580

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	036					Gaston, con.	071	3		1520	
				999	9	Balance of county					99999
	037	000	2	999	9	Gates	073	6		0000	
	038	000	2	999	9	Graham	075	6		0000	
	039	000	2	999	9	Granville	077	5		0000	
	040	000	2	999	9	Greene	079	6		0000	
	041	116	1			Guilford	081	2		3120	
				019	3	Greensboro					28000
				024	4	High Point, part					31400
				027	6	Kernersville, part					35600
				999	9	Balance of county					99999
	042	000	2			Halifax	083	4		0000	
				040	6	Roanoke Rapids					56900
				999	9	Balance of county					99999
	043	000	2	999	9	Harnett	085	4		0000	
	044	000	2	999	9	Haywood	087	5		0000	
	045	000	2	999	9	Henderson	089	4		0000	
	046	000	2	999	9	Hertford	091	6		0000	
	047	000	2	999	9	Hoke	093	6		0000	
	048	000	2	999	9	Hyde	095	6		0000	
	049	000	2			Iredell	097	4		0000	
				045	6	Statesville					64740
				999	9	Balance of county					99999
	050	000	2	999	9	Jackson	099	5		0000	
	051	226	1	999	9	Johnston	101	4		6640	
	052	000	2	999	9	Jones	103	6		0000	
	053	000	2			Lee	105	5		0000	
				043	6	Sanford					59280
				999	9	Balance of county					99999
	054	000	2			Lenoir	107	4		0000	
				028	5	Kinston					35920
				999	9	Balance of county					99999
	055	051	1	999	9	Lincoln	109	4		1520	
	056	000	2	999	9	McDowell	111	5		0000	
	057	000	2	999	9	Macon	113	6		0000	
	058	014	1	999	9	Madison	115	6		0480	
	059	000	2	999	9	Martin	117	5		0000	
	060	051	1			Mecklenburg	119	1		1520	
				009	2	Charlotte					12000
				033	6	Matthews					41960
				034	6	Mint Hill					43480
				999	9	Balance of county					99999
	061	000	2	999	9	Mitchell	121	6		0000	
	062	000	2	999	9	Montgomery	123	6		0000	
	063	000	2	999	9	Moore	125	4		0000	
	064	238	1			Nash	127	4		6895	
				041	5	Rocky Mount, part					57500
				999	9	Balance of county					99999
	065	305	1			New Hanover	129	3		9200	
				048	4	Wilmington					74440
				999	9	Balance of county					99999
	066	000	2	999	9	Northampton	131	6		0000	
	067	136	1			Onslow	133	3		3605	
				025	5	Jacksonville					34200
				999	9	Balance of county					99999
	068	226	1			Orange	135	4		6640	
				006	6	Carrboro					10620
				008	5	Chapel Hill, part					11800
				011	3	Durham, part					19000
				999	9	Balance of county					99999
	069	000	2	999	9	Pamlico	137	6		0000	
	070	000	2			Pasquotank	139	5		0000	
				013	6	Elizabeth City, part					20580
				999	9	Balance of county					99999
	071	000	2	999	9	Pender	141	5		0000	
	072	000	2	999	9	Perquimans	143	6		0000	
	073	000	2	999	9	Person	145	5		0000	
	074	117	1			Pitt	147	3		3150	
				020	5	Greenville					28080
				999	9	Balance of county					99999
	075	000	2	999	9	Polk	149	6		0000	
	076	116	1			Randolph	151	3		3120	
				002	6	Asheboro					02080
				024	4	High Point, part					31400

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
34						North Carolina	37				
	076					Randolph, con.		151	3	3120	
				999	9	Balance of county					99999
	077	000	2	999	9	Richmond		153	5	0000	
	078	000	2			Robeson		155	3	0000	
				032	6	Lumberton					39700
				999	9	Balance of county					99999
	079	000	2			Rockingham		157	4	0000	
				012	6	Eden					20080
				039	6	Reidsville					55900
				999	9	Balance of county					99999
	080	051	1			Rowan		159	3	1520	
				026	5	Kannapolis, part					35200
				042	6	Salisbury					58860
				999	9	Balance of county					99999
	081	000	2	999	9	Rutherford		161	4	0000	
	082	000	2	999	9	Sampson		163	5	0000	
	083	000	2			Scotland		165	5	0000	
				029	6	Laurinburg					37220
				999	9	Balance of county					99999
	084	000	2			Stanly		167	4	0000	
				001	6	Albemarle					00680
				999	9	Balance of county					99999
	085	116	1	999	9	Stokes		169	5	3120	
	086	000	2	999	9	Surry		171	4	0000	
	087	000	2	999	9	Swain		173	6	0000	
	088	000	2	999	9	Transylvania		175	5	0000	
	089	000	2	999	9	Tyrrell		177	6	0000	
	090	051	1			Union		179	4	1520	
				035	6	Monroe					43920
				999	9	Balance of county					99999
	091	000	2			Vance		181	5	0000	
				022	6	Henderson					30660
				999	9	Balance of county					99999
	092	226	1			Wake		183	2	6640	
				007	5	Cary					10740
				015	6	Garner					25480
				038	3	Raleigh					55000
				999	9	Balance of county					99999
	093	000	2	999	9	Warren		185	6	0000	
	094	000	2	999	9	Washington		187	6	0000	
	095	000	2			Watauga		189	5	0000	
				004	6	Boone					07080
				999	9	Balance of county					99999
	096	110	1			Wayne		191	3	2980	
				017	5	Goldsboro					26880
				999	9	Balance of county					99999
	097	000	2	999	9	Wilkes		193	4	0000	
	098	000	2			Wilson		195	4	0000	
				049	5	Wilson					74540
				999	9	Balance of county					99999
	099	116	1	999	9	Yadkin		197	5	3120	
	100	000	2	999	9	Yancey		199	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
35						North Dakota	38				
	001	000	2	999	9	Adams		001	6	0000	
	002	000	2	999	9	Barnes		003	6	0000	
	003	000	2	999	9	Benson		005	6	0000	
	004	000	2	999	9	Billings		007	6	0000	
	005	000	2	999	9	Bottineau		009	6	0000	
	006	000	2	999	9	Bowman		011	6	0000	
	007	000	2	999	9	Burke		013	6	0000	
	008	033	1			Burleigh		015	4	1010	
				001	5	Bismarck					07200
				999	9	Balance of county					99999
	009	090	1			Cass		017	3	2520	
				003	4	Fargo					25700
				008	6	West Fargo					84780
				999	9	Balance of county					99999
	010	000	2	999	9	Cavalier		019	6	0000	
	011	000	2	999	9	Dickey		021	6	0000	
	012	000	2	999	9	Divide		023	6	0000	
	013	000	2	999	9	Dunn		025	6	0000	
	014	000	2	999	9	Eddy		027	6	0000	
	015	000	2	999	9	Emmons		029	6	0000	
	016	000	2	999	9	Foster		031	6	0000	
	017	000	2	999	9	Golden Valley		033	6	0000	
	018	111	1			Grand Forks		035	4	2985	
				004	5	Grand Forks					32060
				999	9	Balance of county					99999
	019	000	2	999	9	Grant		037	6	0000	
	020	000	2	999	9	Griggs		039	6	0000	
	021	000	2	999	9	Hettinger		041	6	0000	
	022	000	2	999	9	Kidder		043	6	0000	
	023	000	2	999	9	La Moure		045	6	0000	
	024	000	2	999	9	Logan		047	6	0000	
	025	000	2	999	9	McHenry		049	6	0000	
	026	000	2	999	9	McIntosh		051	6	0000	
	027	000	2	999	9	McKenzie		053	6	0000	
	028	000	2	999	9	McLean		055	6	0000	
	029	000	2	999	9	Mercer		057	6	0000	
	030	033	1			Morton		059	6	1010	
				006	6	Mandan					49900
				999	9	Balance of county					99999
	031	000	2	999	9	Mountrail		061	6	0000	
	032	000	2	999	9	Nelson		063	6	0000	
	033	000	2	999	9	Oliver		065	6	0000	
	034	000	2	999	9	Pembina		067	6	0000	
	035	000	2	999	9	Pierce		069	6	0000	
	036	000	2	999	9	Ramsey		071	6	0000	
	037	000	2	999	9	Ransom		073	6	0000	
	038	000	2	999	9	Renville		075	6	0000	
	039	000	2	999	9	Richland		077	6	0000	
	040	000	2	999	9	Rolette		079	6	0000	
	041	000	2	999	9	Sargent		081	6	0000	
	042	000	2	999	9	Sheridan		083	6	0000	
	043	000	2	999	9	Sioux		085	6	0000	
	044	000	2	999	9	Slope		087	6	0000	
	045	000	2			Stark		089	6	0000	
				002	6	Dickinson					19620
				999	9	Balance of county					99999
	046	000	2	999	9	Steele		091	6	0000	
	047	000	2	999	9	Stutsman		093	6	0000	
				005	6	Jamestown					40580
				999	9	Balance of county					99999
	048	000	2	999	9	Towner		095	6	0000	
	049	000	2	999	9	Traill		097	6	0000	
	050	000	2	999	9	Walsh		099	6	0000	
	051	000	2			Ward		101	4	0000	
				007	5	Minot					53380
				999	9	Balance of county					99999
	052	000	2	999	9	Wells		103	6	0000	
	053	000	2	999	9	Williams		105	6	0000	
				009	6	Williston					86220
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	001	000	2	999	9	Adams		001	5	0000	
	002	164	1			Allen		003	3	4320	
				072	5	Lima					43554
				999	9	Balance of county					99999
	003	000	2			Ashland		005	5	0000	
				004	6	Ashland					02568
				999	9	Balance of county					99999
	004	059	1			Ashtabula		007	4	1680	
				005	6	Ashtabula					02638
				035	6	Conneaut					18350
				999	9	Balance of county					99999
	005	000	2			Athens		009	4	0000	
				006	6	Athens					02736
				999	9	Balance of county					99999
	006	164	1			Auglaize		011	5	4320	
	007	300	1			Belmont		013	4	9000	
	008	057	1			Brown		015	5	1640	
	009	120	1			Butler		017	2	3200	
				050	5	Fairfield					25970
				063	4	Hamilton					33012
				088	5	Middletown, part					49840
				102	6	Oxford					59234
				117	6	Sharonville, part					71892
				999	9	Balance of county					99999
	010	045	1			Carroll		019	5	1320	
	011	000	2			Champaign		021	5	0000	
				134	6	Urbana					79072
				999	9	Balance of county					99999
	012	070	1			Clark		023	3	2000	
				122	4	Springfield					74118
				999	9	Balance of county					99999
	013	057	1			Clermont		025	3	1640	
	014	000	2			Clinton		027	5	0000	
				149	6	Wilmington					85792
				999	9	Balance of county					99999
	015	309	1			Columbiana		029	3	9320	
				045	6	East Liverpool					23730
				113	6	Salem					69834
				999	9	Balance of county					99999
	016	000	2			Coshocton		031	5	0000	
				036	6	Coshocton					18868
				999	9	Balance of county					99999
	017	174	1			Crawford		033	5	4800	
				024	6	Bucyrus					10030
				058	6	Galion					29162
				999	9	Balance of county					99999
	018	059	1			Cuyahoga		035	0	1680	
				009	6	Bay Village					04416
				010	6	Beachwood					04500
				012	6	Bedford					04878
				013	6	Bedford Heights					04920
				015	6	Berea					05690
				019	6	Brecksville					08364
				020	6	Broadview Heights					09064
				021	6	Brooklyn					09246
				022	6	Brook Park					09288
				032	1	Cleveland					16000
				033	4	Cleveland Heights					16014
				043	5	East Cleveland					23380
				048	4	Euclid					25704
				051	6	Fairview Park					26446
				059	5	Garfield Heights					29428
				069	4	Lakewood					41664
				075	6	Lyndhurst					45556
				077	5	Maple Heights					47306
				083	6	Mayfield Heights					48482
				087	6	Middleburg Heights					49644
				095	5	North Olmsted					56882
				097	6	North Royalton					57008
				104	4	Parma					61000
				105	6	Parma Heights					61028
				112	6	Rocky River					68056
				115	6	Seven Hills					71416
				116	5	Shaker Heights					71682

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	018					Cuyahoga, con.	035	0		1680	
				119	6	Solon					72928
				120	6	South Euclid					73264
				125	5	Strongsville					75098
				132	6	University Heights					78932
				140	6	Warrensville Heights					80990
				144	5	Westlake					83622
				999	9	Balance of county					99999
	019	000	2			Darke	037	4		0000	
				061	6	Greenville					32340
				999	9	Balance of county					99999
	020	000	2			Defiance	039	5		0000	
				039	6	Defiance					21308
				999	9	Balance of county					99999
	021	064	1			Delaware	041	4		1840	
				040	6	Delaware					21434
				042	6	Dublin, part					22694
				143	5	Westerville, part					83342
				999	9	Balance of county					99999
	022	000	2			Erie	043	4		0000	
				114	5	Sandusky					70380
				137	6	Vermilion, part					79716
				999	9	Balance of county					99999
	023	064	1			Fairfield	045	3		1840	
				034	1	Columbus, part					18000
				070	5	Lancaster					41720
				111	5	Reynoldsburg, part					66390
				999	9	Balance of county					99999
	024	000	2			Fayette	047	5		0000	
				141	6	Washington					81214
				999	9	Balance of county					99999
	025	064	1			Franklin	049	1		1840	
				016	6	Bexley					06278
				034	1	Columbus, part					18000
				042	6	Dublin, part					22694
				057	5	Gahanna					29106
				062	6	Grove City					32592
				064	6	Hilliard					35476
				111	5	Reynoldsburg, part					66390
				133	5	Upper Arlington					79002
				143	5	Westerville, part					83342
				145	6	Whitehall					84742
				151	6	Worthington					86604
				999	9	Balance of county					99999
	026	282	1			Fulton	051	5		8400	
	027	000	2			Gallia	053	5		0000	
	028	059	1			Geauga	055	4		1680	
	029	070	1			Greene	057	3		2000	
				011	5	Beavercreek					04720
				049	5	Fairborn					25914
				152	6	Xenia					86772
				999	9	Balance of county					99999
	030	000	2			Guernsey	059	5		0000	
				025	6	Cambridge					10996
				999	9	Balance of county					99999
	031	057	1			Hamilton	061	1		1640	
				017	6	Blue Ash					07300
				030	2	Cincinnati					15000
				053	6	Forest Park					27706
				074	6	Loveland					45108
				094	6	North College Hill					56322
				100	6	Norwood					57386
				110	6	Reading					65732
				117	6	Sharonville, part					71892
				121	6	Springdale					74104
				999	9	Balance of county					99999
	032	000	2			Hancock	063	4		0000	
				052	5	Findlay					27048
				054	6	Fostoria, part					28014
				999	9	Balance of county					99999
	033	000	2			Hardin	065	5		0000	
	034	000	2			Harrison	067	6		0000	
	035	000	2			Henry	069	5		0000	
	036	000	2			Highland	071	5		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	037	000	2	999	9	Hocking		073	5	0000	
	038	000	2	999	9	Holmes		075	5	0000	
	039	000	2			Huron		077	4	0000	
				099	6	Norwalk					57302
				999	9	Balance of county					99999
	040	000	2	999	9	Jackson		079	5	0000	
	041	273	1			Jefferson		081	4	8080	
				123	6	Steubenville					74608
				999	9	Balance of county					99999
	042	000	2			Knox		083	5	0000	
				089	6	Mount Vernon					53102
				999	9	Balance of county					99999
	043	059	1			Lake		085	3	1680	
				044	6	Eastlake					23618
				085	5	Mentor					49056
				103	6	Painesville					59416
				146	6	Wickliffe					85036
				147	6	Willoughby					85484
				148	6	Willowick					85638
				999	9	Balance of county					99999
	044	128	1			Lawrence		087	4	3400	
				066	6	Ironton					37464
				999	9	Balance of county					99999
	045	064	1			Licking		089	3	1840	
				090	5	Newark					54040
				111	5	Reynoldsburg, part					66390
				999	9	Balance of county					99999
	046	000	2			Logan		091	5	0000	
				014	6	Bellefontaine					05130
				999	9	Balance of county					99999
	047	059	1			Lorain		093	2	1680	
				003	6	Amherst					01798
				007	6	Avon Lake					03464
				046	4	Elyria					25256
				073	4	Lorain					44856
				096	6	North Ridgeville					56966
				137	6	Vermilion, part					79716
				999	9	Balance of county					99999
	048	282	1			Lucas		095	2	8400	
				082	6	Maumee					48342
				101	6	Oregon					58730
				127	6	Sylvania					76022
				130	2	Toledo					77000
				999	9	Balance of county					99999
	049	064	1	999	9	Madison		097	5	1840	
	050	309	1			Mahoning		099	2	9320	
				002	6	Alliance, part					01420
				026	6	Campbell					11066
				126	6	Struthers					75126
				153	4	Youngstown, part					88000
				999	9	Balance of county					99999
	051	000	2			Marion		101	4	0000	
				079	5	Marion					47754
				999	9	Balance of county					99999
	052	059	1			Medina		103	3	1680	
				023	5	Brunswick					09680
				084	6	Medina					48790
				138	6	Wadsworth					80304
				999	9	Balance of county					99999
	053	000	2	999	9	Meigs		105	6	0000	
	054	000	2	999	9	Mercer		107	5	0000	
	055	070	1			Miami		109	4	2000	
				065	5	Huber Heights, part					36610
				107	6	Piqua					62848
				131	6	Troy					77588
				999	9	Balance of county					99999
	056	000	2	999	9	Monroe		111	6	0000	
	057	070	1			Montgomery		113	1	2000	
				028	6	Centerville					13190
				038	3	Dayton					21000
				047	6	Englewood					25396
				065	5	Huber Heights, part					36610
				068	4	Kettering					40040
				086	6	Miamisburg					49434

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	057					Montgomery, con.		113	1	2000	
				135	6	Vandalia					79492
				142	6	West Carrollton City					83090
				999	9	Balance of county					99999
	058	000	2	999	9	Morgan		115	6	0000	
	059	000	2	999	9	Morrow		117	5	0000	
	060	000	2			Muskingum		119	4	0000	
				154	5	Zanesville					88084
				999	9	Balance of county					99999
	061	000	2	999	9	Noble		121	6	0000	
	062	000	2	999	9	Ottawa		123	5	0000	
	063	000	2	999	9	Paulding		125	6	0000	
	064	000	2	999	9	Perry		127	5	0000	
	065	064	1			Pickaway		129	5	1840	
				031	6	Circleville					15070
				999	9	Balance of county					99999
	066	000	2	999	9	Pike		131	6	0000	
	067	002	1			Portage		133	3	0080	
				067	5	Kent					39872
				109	6	Ravenna					65592
				999	9	Balance of county					99999
	068	000	2	999	9	Preble		135	5	0000	
	069	000	2	999	9	Putnam		137	5	0000	
	070	174	1			Richland		139	3	4800	
				076	4	Mansfield					47138
				999	9	Balance of county					99999
	071	000	2			Ross		141	4	0000	
				029	6	Chillicothe					14184
				999	9	Balance of county					99999
	072	000	2			Sandusky		143	4	0000	
				056	6	Fremont					28826
				999	9	Balance of county					99999
	073	000	2			Scioto		145	4	0000	
				108	6	Portsmouth					64304
				999	9	Balance of county					99999
	074	000	2			Seneca		147	4	0000	
				054	6	Fostoria, part					28014
				129	6	Tiffin					76778
				999	9	Balance of county					99999
	075	000	2			Shelby		149	5	0000	
				118	6	Sidney					72424
				999	9	Balance of county					99999
	076	045	1			Stark		151	2	1320	
				002	6	Alliance, part					01420
				027	4	Canton					12000
				081	5	Massillon					48244
				093	6	North Canton					56294
				999	9	Balance of county					99999
	077	002	1			Summit		153	1	0080	
				001	3	Akron					01000
				008	5	Barberton					03828
				037	5	Cuyahoga Falls					19778
				098	6	Norton, part					57260
				124	5	Stow					74944
				128	6	Tallmadge					76106
				999	9	Balance of county					99999
	078	309	1			Trumbull		155	3	9320	
				060	6	Girard					30198
				092	6	Niles					55916
				139	4	Warren					80892
				153	4	Youngstown, part					88000
				999	9	Balance of county					99999
	079	000	2			Tuscarawas		157	4	0000	
				041	6	Dover					22456
				091	6	New Philadelphia					55216
				999	9	Balance of county					99999
	080	000	2			Union		159	5	0000	
				042	6	Dublin, part					22694
				999	9	Balance of county					99999
	081	000	2			Van Wert		161	5	0000	
				136	6	Van Wert					79562
				999	9	Balance of county					99999
	082	000	2	999	9	Vinton		163	6	0000	
	083	057	1			Warren		165	3	1640	
				055	6	Franklin					28476

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
36						Ohio	39				
	083					Warren, con.		165	3	1640	
				071	6	Lebanon					42364
				080	6	Mason					48188
				088	5	Middletown, part					49840
				999	9	Balance of county					99999
	084	211	1			Washington		167	4	6020	
				078	6	Marietta					47628
				999	9	Balance of county					99999
	085	000	2			Wayne		169	3	0000	
				098	6	Norton, part					57260
				150	6	Wooster					86548
				999	9	Balance of county					99999
	086	000	2			Williams		171	5	0000	
	087	282	1			Wood		173	3	8400	
				018	5	Bowling Green					07972
				054	6	Fostoria, part					28014
				106	6	Perrysburg					62148
				999	9	Balance of county					99999
	088	000	2			Wyandot		175	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
37						Oklahoma	40				
	001	000	2	999	9	Adair		001	6	0000	
	002	000	2	999	9	Alfalfa		003	6	0000	
	003	000	2	999	9	Atoka		005	6	0000	
	004	000	2	999	9	Beaver		007	6	0000	
	005	000	2			Beckham		009	6	0000	
				013	6	Elk City					23500
				999	9	Balance of county					99999
	006	000	2	999	9	Blaine		011	6	0000	
	007	000	2			Bryan		013	5	0000	
				011	6	Durant					22050
				999	9	Balance of county					99999
	008	000	2	999	9	Caddo		015	5	0000	
	009	204	1			Canadian		017	4	5880	
				014	6	El Reno					23700
				023	6	Mustang					50100
				025	2	Oklahoma City, part					55000
				038	6	Yukon					82950
				999	9	Balance of county					99999
	010	000	2			Carter		019	5	0000	
				003	6	Ardmore					02600
				999	9	Balance of county					99999
	011	000	2			Cherokee		021	5	0000	
				033	6	Tahlequah					72100
				999	9	Balance of county					99999
	012	000	2	999	9	Choctaw		023	6	0000	
	013	000	2	999	9	Cimarron		025	6	0000	
	014	204	1			Cleveland		027	3	5880	
				021	5	Moore					49200
				024	4	Norman					52500
				025	2	Oklahoma City, part					55000
				999	9	Balance of county					99999
	015	000	2	999	9	Coal		029	6	0000	
	016	161	1			Comanche		031	3	4200	
				017	4	Lawton					41850
				999	9	Balance of county					99999
	017	000	2	999	9	Cotton		033	6	0000	
	018	000	2	999	9	Craig		035	6	0000	
	019	286	1			Creek		037	4	8560	
				030	6	Sapulpa					65400
				999	9	Balance of county					99999
	020	000	2			Custer		039	5	0000	
				036	6	Weatherford					79450
				999	9	Balance of county					99999
	021	000	2	999	9	Delaware		041	5	0000	
	022	000	2	999	9	Dewey		043	6	0000	
	023	000	2	999	9	Ellis		045	6	0000	
	024	086	1			Garfield		047	4	2340	
				015	5	Enid					23950
				999	9	Balance of county					99999
	025	000	2	999	9	Garvin		049	5	0000	
	026	000	2			Grady		051	5	0000	
				007	6	Chickasha					13950
				999	9	Balance of county					99999
	027	000	2	999	9	Grant		053	6	0000	
	028	000	2	999	9	Greer		055	6	0000	
	029	000	2	999	9	Harmon		057	6	0000	
	030	000	2	999	9	Harper		059	6	0000	
	031	000	2	999	9	Haskell		061	6	0000	
	032	000	2	999	9	Hughes		063	6	0000	
	033	000	2			Jackson		065	5	0000	
				002	6	Altus					01700
				999	9	Balance of county					99999
	034	000	2	999	9	Jefferson		067	6	0000	
	035	000	2	999	9	Johnston		069	6	0000	
	036	000	2			Kay		071	5	0000	
				028	5	Ponca City					59850
				999	9	Balance of county					99999
	037	000	2	999	9	Kingfisher		073	6	0000	
	038	000	2	999	9	Kiowa		075	6	0000	
	039	000	2	999	9	Latimer		077	6	0000	
	040	000	2	999	9	Le Flore		079	5	0000	
	041	000	2	999	9	Lincoln		081	5	0000	
	042	204	1			Logan		083	5	5880	
				016	6	Guthrie					31700

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
37						Oklahoma	40				
	042					Logan, con.		083	5	5880	
				999	9	Balance of county					99999
	043	000	2	999	9	Love		085	6	0000	
	044	204	1			McClain		087	6	5880	
				025	2	Oklahoma City, part					55000
				999	9	Balance of county					99999
	045	000	2	999	9	McCurtain		089	5	0000	
	046	000	2	999	9	McIntosh		091	6	0000	
	047	000	2	999	9	Major		093	6	0000	
	048	000	2	999	9	Marshall		095	6	0000	
	049	000	2	999	9	Mayes		097	5	0000	
	050	000	2	999	9	Murray		099	6	0000	
	051	000	2			Muskogee		101	4	0000	
				022	5	Muskogee					50050
				999	9	Balance of county					99999
	052	000	2	999	9	Noble		103	6	0000	
	053	000	2	999	9	Nowata		105	6	0000	
	054	000	2	999	9	Okfuskee		107	6	0000	
	055	204	1			Oklahoma		109	1	5880	
				005	6	Bethany					05700
				009	6	Del City					19900
				012	4	Edmond					23200
				020	4	Midwest City					48350
				025	2	Oklahoma City, part					55000
				034	6	The Village					73250
				999	9	Balance of county					99999
	056	000	2			Okmulgee		111	5	0000	
				026	6	Okmulgee					55150
				999	9	Balance of county					99999
	057	286	1			Osage		113	5	8560	
				004	5	Bartlesville, part					04450
				029	6	Sand Springs, part					65300
				035	2	Tulsa, part					75000
				999	9	Balance of county					99999
	058	000	2			Ottawa		115	5	0000	
				019	6	Miami					48000
				999	9	Balance of county					99999
	059	000	2	999	9	Pawnee		117	6	0000	
	060	000	2			Payne		119	4	0000	
				032	5	Stillwater					70300
				999	9	Balance of county					99999
	061	000	2			Pittsburg		121	5	0000	
				018	6	McAlester					44800
				999	9	Balance of county					99999
	062	000	2			Pontotoc		123	5	0000	
				001	6	Ada					00200
				999	9	Balance of county					99999
	063	204	1			Pottawatomie		125	4	5880	
				025	2	Oklahoma City, part					55000
				031	5	Shawnee					66800
				999	9	Balance of county					99999
	064	000	2	999	9	Pushmataha		127	6	0000	
	065	000	2	999	9	Roger Mills		129	6	0000	
	066	286	1			Rogers		131	4	8560	
				008	6	Claremore					14700
				999	9	Balance of county					99999
	067	000	2	999	9	Seminole		133	5	0000	
	068	100	1	999	9	Sequoyah		135	5	2720	
	069	000	2			Stephens		137	5	0000	
				010	6	Duncan					21900
				999	9	Balance of county					99999
	070	000	2	999	9	Texas		139	6	0000	
	071	000	2	999	9	Tillman		141	6	0000	
	072	286	1			Tulsa		143	1	8560	
				006	4	Broken Arrow, part					09050
				027	6	Owasso					56650
				029	6	Sand Springs, part					65300
				035	2	Tulsa, part					75000
				035	2	Tulsa, part					75000
				999	9	Balance of county					99999
	073	286	1			Wagoner		145	5	8560	
				006	4	Broken Arrow, part					09050
				999	9	Balance of county					99999
	074	000	2			Washington		147	5	0000	
				004	5	Bartlesville, part					04450

Vital Statistics Geographic Code Outline For The United States
 Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
37						Oklahoma	40				
	074					Washington, con.		147	5	0000	
				999	9	Balance of county					99999
	075	000	2	999	9	Washita		149	6	0000	
	076	000	2	999	9	Woods		151	6	0000	
	077	000	2			Woodward		153	6	0000	
				037	6	Woodward					82150
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
38						Oregon	41				
	001	000	2	999	9	Baker		001	6	0000	
	002	000	2			Benton		003	4	0000	
				001	5	Albany, part					01000
				008	5	Corvallis					15800
				999	9	Balance of county					99999
	003	220	1			Clackamas		005	2	6440	
				011	6	Gladstone					29000
				019	5	Lake Oswego, part					40550
				023	6	Milwaukie, part					48650
				025	6	Oregon City					55200
				027	2	Portland, part					59000
				032	6	Tualatin, part					74950
				033	6	West Linn					80150
				999	9	Balance of county					99999
	004	000	2			Clatsop		007	5	0000	
				003	6	Astoria					03150
				999	9	Balance of county					99999
	005	220	1	999	9	Columbia		009	5	6440	
	006	000	2			Coos		011	4	0000	
				007	6	Coos Bay					15250
				999	9	Balance of county					99999
	007	000	2	999	9	Crook		013	6	0000	
	008	000	2	999	9	Curry		015	6	0000	
	009	000	2			Deschutes		017	4	0000	
				005	6	Bend					05800
				999	9	Balance of county					99999
	010	000	2			Douglas		019	4	0000	
				028	6	Roseburg					63650
				999	9	Balance of county					99999
	011	000	2	999	9	Gilliam		021	6	0000	
	012	000	2	999	9	Grant		023	6	0000	
	013	000	2	999	9	Harney		025	6	0000	
	014	000	2	999	9	Hood River		027	6	0000	
	015	176	1			Jackson		029	3	4890	
				002	6	Ashland					03050
				022	5	Medford					47000
				999	9	Balance of county					99999
	016	000	2	999	9	Jefferson		031	6	0000	
	017	000	2			Josephine		033	4	0000	
				012	6	Grants Pass					30550
				999	9	Balance of county					99999
	018	000	2			Klamath		035	4	0000	
				017	6	Klamath Falls					39700
				999	9	Balance of county					99999
	019	000	2	999	9	Lake		037	6	0000	
	020	088	1			Lane		039	2	2400	
				009	3	Eugene					23850
				030	5	Springfield					69600
				999	9	Balance of county					99999
	021	000	2	999	9	Lincoln		041	5	0000	
	022	000	2			Linn		043	4	0000	
				001	5	Albany, part					01000
				020	6	Lebanon					41650
				999	9	Balance of county					99999
	023	000	2	999	9	Malheur		045	5	0000	
	024	244	1			Marion		047	3	7080	
				016	6	Keizer					38500
				029	3	Salem, part					64900
				034	6	Woodburn					83750
				999	9	Balance of county					99999
	025	000	2	999	9	Morrow		049	6	0000	
	026	220	1			Multnomah		051	1	6440	
				013	4	Gresham					31250
				019	5	Lake Oswego, part					40550
				023	6	Milwaukie, part					48650
				027	2	Portland, part					59000
				999	9	Balance of county					99999
	027	244	1			Polk		053	5	7080	
				029	3	Salem, part					64900
				999	9	Balance of county					99999
	028	000	2	999	9	Sherman		055	6	0000	
	029	000	2	999	9	Tillamook		057	6	0000	
	030	000	2			Umatilla		059	4	0000	
				014	6	Hermiston					33700

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
38						Oregon	41				
	030					Umatilla, con.		059	4	0000	
				026	6	Pendleton					57150
				999	9	Balance of county					99999
	031	000	2			Union		061	6	0000	
				018	6	La Grande					40350
				999	9	Balance of county					99999
	032	000	2			Wallowa		063	6	0000	
	033	000	2			Wasco		065	6	0000	
				006	6	City of the Dalles					13425
				999	9	Balance of county					99999
	034	220	1			Washington		067	2	6440	
				004	4	Beaverton					05350
				010	6	Forest Grove					26200
				015	5	Hillsboro					34100
				019	5	Lake Oswego, part					40550
				027	2	Portland, part					59000
				031	5	Tigard					73650
				032	6	Tualatin, part					74950
				999	9	Balance of county					99999
	035	000	2			Wheeler		069	6	0000	
	036	220	1			Yamhill		071	4	6440	
				021	6	McMinnville					45000
				024	6	Newberg					52100
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	001	000	2	999	9	Adams		001	4	0000	
	002	217	1			Allegheny		003	0	6280	
				006	6	Baldwin borough					03928
				010	5	Bethel Park borough					06064
				014	6	Brentwood borough					08416
				036	6	Franklin Park borough					27552
				041	6	Harrison Township					32868
				065	5	McCandless Township					45904
				066	5	McKeesport					46256
				074	5	Mount Lebanon					51704
				076	6	Munhall borough					52320
				077	5	Municipality of Monroeville borough					52330
				088	6	North Versailles					55496
				091	4	Penn Hills					59040
				094	2	Pittsburgh					61000
				095	5	Plum borough					61536
				102	5	Ross Township					66356
				105	5	Shaler Township					69596
				107	6	South Park Township					72403
				118	6	Swissvale borough					75816
				129	6	Upper St. Clair					79312
				137	6	West Mifflin borough					83512
				139	6	Whitehall borough					84512
				144	6	Wilkesburg borough					85188
				999	9	Balance of county					99999
	003	000	2	999	9	Armstrong		005	4	0000	
	004	217	1			Beaver		007	3	6280	
				002	6	Aliquippa					00820
				007	6	Beaver Falls					04792
				999	9	Balance of county					99999
	005	000	2	999	9	Bedford		009	5	0000	
	006	228	1			Berks		011	2	6680	
				075	6	Muhlenberg township					52200
				100	4	Reading					63624
				113	6	Spring township					72824
				999	9	Balance of county					99999
	007	008	1			Blair		013	3	0280	
				004	4	Altoona					02184
				999	9	Balance of county					99999
	008	000	2	999	9	Bradford		015	4	0000	
	009	214	1			Bucks		017	1	6160	
				008	4	Bensalem township					05616
				015	6	Bristol borough					08760
				016	4	Bristol township					08768
				035	5	Falls township					25112
				059	5	Lower Makefield township					44968
				064	6	Lower Southampton township					45112
				071	5	Middletown township					49120
				084	6	Newtown township					54192
				086	5	Northampton township					54688
				130	6	Upper Southampton township					79296
				132	5	Warminster township					80952
				999	9	Balance of county					99999
	010	217	1			Butler		019	3	6280	
				017	6	Butler					10464
				999	9	Balance of county					99999
	011	141	1			Cambria		021	3	3680	
				050	5	Johnstown					38288
				999	9	Balance of county					99999
	012	000	2	999	9	Cameron		023	6	0000	
	013	007	1	999	9	Carbon		025	4	0240	
	014	272	1			Centre		027	3	8050	
				114	5	State College borough					73808
				999	9	Balance of county					99999
	015	214	1			Chester		029	2	6160	
				018	6	Caln township					10824
				024	6	Coatesville					14712
				028	6	East Goshen township					21192
				093	6	Phoenixville borough					60120
				120	5	Tredyffrin township					77344
				131	6	Uwchlan township					79480
				135	6	West Chester borough					82704
				136	6	West Goshen township					83080
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	016	000	2	999	9	Clarion		031	5	0000	
	017	000	2	999	9	Clearfield		033	4	0000	
	018	000	2	999	9	Clinton		035	5	0000	
	019	259	1			Columbia		037	4	7560	
				009	6	Berwick borough					05888
				013	6	Bloomsburg					07128
				999	9	Balance of county					99999
	020	000	2			Crawford		039	4	0000	
				069	6	Meadville					48360
				999	9	Balance of county					99999
	021	121	1			Cumberland		041	3	3240	
				020	6	Carlisle borough					11272
				031	6	East Pennsboro township					21680
				038	6	Hampden township					32296
				057	6	Lower Allen township					44832
				122	6	Upper Allen township					78736
				999	9	Balance of county					99999
	022	121	1			Dauphin		043	3	3240	
				040	4	Harrisburg					32800
				062	5	Lower Paxton township					45056
				116	6	Susquehanna township					75528
				117	6	Swatara township					75672
				999	9	Balance of county					99999
	023	214	1			Delaware		045	1	6160	
				005	6	Aston township					03336
				023	5	Chester					13208
				026	6	Darby borough					18152
				043	5	Haverford township					33144
				055	6	Lansdowne borough					41440
				068	6	Marple township					47616
				070	6	Middletown township					49136
				080	6	Nether Providence Township					53112
				083	6	Newtown township					54224
				099	5	Radnor Township					63268
				101	5	Ridley township					64800
				110	6	Springfield					73040
				123	6	Upper Chichester township					78776
				124	4	Upper Darby township					79000
				146	6	Yeadon borough					86968
				999	9	Balance of county					99999
	024	000	2			Elk		047	5	0000	
	025	087	1			Erie		049	2	2360	
				034	3	Erie					24000
				072	5	Millcreek township					49600
				999	9	Balance of county					99999
	026	217	1			Fayette		051	3	6280	
				121	6	Uniontown					78528
				999	9	Balance of county					99999
	027	000	2			Forest		053	6	0000	
	028	000	2			Franklin		055	3	0000	
				021	6	Chambersburg borough					12536
				999	9	Balance of county					99999
	029	000	2			Fulton		057	6	0000	
	030	000	2			Greene		059	5	0000	
	031	000	2			Huntingdon		061	5	0000	
	032	000	2			Indiana		063	4	0000	
				048	6	Indiana borough					36816
				999	9	Balance of county					99999
	033	000	2			Jefferson		065	5	0000	
	034	000	2			Juniata		067	6	0000	
	035	259	1			Lackawanna		069	3	7560	
				019	6	Carbondale					11232
				027	6	Dunmore borough					20352
				104	4	Scranton					69000
				999	9	Balance of county					99999
	036	155	1			Lancaster		071	2	4000	
				025	6	Columbia borough					15384
				033	6	Ephrata borough					23832
				052	4	Lancaster					41216
				053	6	Lancaster township					41224
				067	5	Manheim township					46896
				999	9	Balance of county					99999
	037	000	2			Lawrence		073	4	0000	
				081	5	New Castle					53368

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	037			999	9	Lawrence, con. Balance of county		073	4	0000	99999
	038	121	1	056	6	Lebanon		075	3	3240	42168
				999	9	Balance of county					99999
	039	007	1			Lehigh		077	2	0240	
				003	3	Allentown					02000
				011	4	Bethlehem, part					06088
				032	6	Emmaus borough					23584
				103	6	Salisbury township					67576
				108	6	South Whitehall township					72632
				140	6	Whitehall township					84528
				999	9	Balance of county					99999
	040	259	1			Luzerne		079	2	7560	
				044	6	Hazleton					33408
				051	6	Kingston borough					39784
				079	6	Nanticoke					52584
				143	5	Wilkes-Barre					85152
				999	9	Balance of county					99999
	041	303	1			Lycoming		081	3	9140	
				145	5	Williamsport					85312
				999	9	Balance of county					99999
	042	000	2			McKean		083	5	0000	
	043	261	1			Mercer		085	3	7610	
				046	6	Hermitage					34064
				106	6	Sharon					69720
				999	9	Balance of county					99999
	044	000	2			Mifflin		087	5	0000	
	045	000	2			Monroe		089	4	0000	
	046	214	1			Montgomery		091	1	6160	
				001	4	Abington township					00156
				022	5	Cheltenham township					12968
				029	6	East Norriton					21608
				042	6	Hatfield township					33120
				047	6	Horsham township					35808
				054	6	Lansdale borough					41432
				060	4	Lower Merion township					44976
				061	6	Lower Moreland township					45008
				063	6	Lower Providence township					45080
				073	6	Montgomery township					50640
				085	5	Norristown borough					54656
				096	6	Plymouth township					61664
				097	6	Pottstown borough					62416
				111	6	Springfield township					73088
				119	6	Towamencin township					77152
				125	6	Upper Dublin township					79008
				126	6	Upper Gwynedd township					79056
				127	5	Upper Merion township					79136
				128	5	Upper Moreland township					79176
				138	6	West Norriton					83704
				141	6	Whitemarsh township					84624
				142	6	Whitpain township					84888
				999	9	Balance of county					99999
	047	000	2			Montour		093	6	0000	
	048	007	1			Northampton		095	3	0240	
				011	4	Bethlehem, part					06088
				012	6	Bethlehem township					06096
				030	5	Easton					21648
				090	6	Palmer township					57672
				999	9	Balance of county					99999
	049	000	2			Northumberland		097	4	0000	
				115	6	Sunbury					75304
				999	9	Balance of county					99999
	050	121	1			Perry		099	5	3240	
	051	214	1		0	Philadelphia, coext. with Philadelphia c		101	0	6160	60000
	052	199	1		9	Pike		103	5	5660	
	053	000	2		9	Potter		105	6	0000	
	054	000	2			Schuylkill		107	3	0000	
				098	6	Pottsville					62432
				999	9	Balance of county					99999
	055	000	2		9	Snyder		109	5	0000	
	056	141	1		9	Somerset		111	4	3680	
	057	000	2		9	Sullivan		113	6	0000	
	058	000	2		9	Susquehanna		115	5	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
39						Pennsylvania	42				
	059	000	2	999	9	Tioga		117	5	0000	
	060	000	2	999	9	Union		119	5	0000	
	061	000	2			Venango		121	4	0000	
				089	6	Oil City					56456
				999	9	Balance of county					99999
	062	000	2			Warren		123	5	0000	
				133	6	Warren					81000
				999	9	Balance of county					99999
	063	217	1			Washington		125	3	6280	
				134	6	Washington					81328
				999	9	Balance of county					99999
	064	000	2	999	9	Wayne		127	5	0000	
	065	217	1			Westmoreland		129	2	6280	
				037	6	Greensburg					31200
				045	5	Hempfield township					33792
				049	6	Jeannette					37784
				058	6	Lower Burrell					44864
				078	6	Municipality of Murrysville borough					52332
				082	6	New Kensington					53736
				087	5	North Huntingdon township					55128
				999	9	Balance of county					99999
	066	259	1	999	9	Wyoming		131	5	7560	
	067	308	1			York		133	2	9280	
				039	6	Hanover borough					32448
				109	6	Springettsbury township					72992
				112	6	Spring Garden township					73168
				147	5	York					87048
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
40						Rhode Island	44				
	001	221	1			Bristol		001	5	6483	
				001	6	Barrington					04960
				002	6	Bristol					09460
				015	6	Warren town					73760
				999	9	Balance of county					99999
	002	221	1			Kent		003	3	6483	
				004	5	Coventry town					18640
				016	4	Warwick					74300
				999	9	Balance of county					99999
	003	000	2			Newport		005	4	0000	
				009	6	Middletown town					45460
				011	5	Newport					49960
				999	9	Balance of county					99999
	004	221	1			Providence		007	1	6483	
				003	6	Central Falls					14140
				005	4	Cranston					19180
				006	5	Cumberland town					20080
				007	4	East Providence					22960
				008	5	Johnston town					37720
				012	5	North Providence					51940
				013	4	Pawtucket					54640
				014	3	Providence					59000
				017	5	Woonsocket					80780
				999	9	Balance of county					99999
	005	221	1			Washington		009	3	6483	
				010	6	Narragansett town					48340
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
41						South Carolina	45				
	001	000	2	999	9	Abbeville		001	6	0000	
	002	018	1			Aiken		003	3	0600	
				001	6	Aiken					00550
				022	6	North Augusta, part					50695
				999	9	Balance of county					99999
	003	000	2	999	9	Allendale		005	6	0000	
	004	118	1			Anderson		007	3	3160	
				002	5	Anderson					01360
				006	6	Clemson, part					14950
				999	9	Balance of county					99999
	005	000	2	999	9	Bamberg		009	6	0000	
	006	000	2	999	9	Barnwell		011	6	0000	
	007	000	2			Beaufort		013	4	0000	
				016	6	Hilton Head Island					34045
				999	9	Balance of county					99999
	008	049	1			Berkeley		015	3	1440	
				011	6	Goose Creek					29815
				015	6	Hanahan					32065
				023	4	North Charleston, part					50875
				028	6	Summerville, part					70270
				999	9	Balance of county					99999
	009	000	2	999	9	Calhoun		017	6	0000	
	010	049	1			Charleston		019	2	1440	
				005	4	Charleston					13330
				019	5	Mount Pleasant					48535
				023	4	North Charleston, part					50875
				028	6	Summerville, part					70270
				999	9	Balance of county					99999
	011	118	1			Cherokee		021	5	3160	
				010	6	Gaffney					28060
				999	9	Balance of county					99999
	012	000	2	999	9	Chester		023	5	0000	
	013	000	2	999	9	Chesterfield		025	5	0000	
	014	000	2	999	9	Clarendon		027	5	0000	
	015	000	2	999	9	Colleton		029	5	0000	
	016	000	2	999	9	Darlington		031	4	0000	
	017	000	2	999	9	Dillon		033	5	0000	
	018	049	1			Dorchester		035	4	1440	
				023	4	North Charleston, part					50875
				028	6	Summerville, part					70270
				999	9	Balance of county					99999
	019	018	1			Edgefield		037	6	0600	
				022	6	North Augusta, part					50695
				999	9	Balance of county					99999
	020	000	2	999	9	Fairfield		039	6	0000	
	021	095	1			Florence		041	3	2655	
				009	5	Florence					25810
				999	9	Balance of county					99999
	022	000	2	999	9	Georgetown		043	5	0000	
	023	118	1			Greenville		045	2	3160	
				012	4	Greenville					30850
				014	6	Greer, part					30985
				018	6	Mauldin					45115
				026	6	Simpsonville					66580
				999	9	Balance of county					99999
	024	000	2			Greenwood		047	4	0000	
				013	6	Greenwood					30895
				999	9	Balance of county					99999
	025	000	2	999	9	Hampton		049	6	0000	
	026	190	1			Horry		051	3	5330	
				020	6	Myrtle Beach					49075
				999	9	Balance of county					99999
	027	000	2	999	9	Jasper		053	6	0000	
	028	000	2	999	9	Kershaw		055	5	0000	
	029	000	2	999	9	Lancaster		057	4	0000	
	030	000	2	999	9	Laurens		059	4	0000	
	031	000	2	999	9	Lee		061	6	0000	
	032	062	1			Lexington		063	3	1760	
				004	6	Cayce					12655
				017	6	Irmo, part					35890
				030	6	West Columbia					75850
				999	9	Balance of county					99999
	033	000	2	999	9	McCormick		065	6	0000	
	034	000	2	999	9	Marion		067	5	0000	

Vital Statistics Geographic Code Outline For The United States
Effective With 1998 Data.

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
41						South Carolina	45				
	035	000	2			Marlboro		069	5	0000	
				003	6	Bennettsville					05680
				999	9	Balance of county					99999
	036	000	2			Newberry		071	5	0000	
				021	6	Newberry					49570
				999	9	Balance of county					99999
	037	000	2			Oconee		073	4	0000	
	038	000	2			Orangeburg		075	4	0000	
				024	6	Orangeburg					53080
				999	9	Balance of county					99999
	039	118	1			Pickens		077	4	3160	
				006	6	Clemson, part					14950
				008	6	Easley					21985
				999	9	Balance of county					99999
	040	062	1			Richland		079	2	1760	
				007	4	Columbia					16000
				017	6	Irmo, part					35890
				999	9	Balance of county					99999
	041	000	2			Saluda		081	6	0000	
	042	118	1			Spartanburg		083	3	3160	
				014	6	Greer, part					30985
				027	5	Spartanburg					68290
				999	9	Balance of county					99999
	043	275	1			Sumter		085	3	8140	
				029	5	Sumter					70405
				999	9	Balance of county					99999
	044	000	2			Union		087	5	0000	
	045	000	2			Williamsburg		089	5	0000	
	046	051	1			York		091	3	1520	
				025	5	Rock Hill					61405
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
42						South Dakota	46				
	001	000	2	999	9	Aurora		003	6	0000	
	002	000	2			Beadle		005	6	0000	
				003	6	Huron					31060
				999	9	Balance of county					99999
	003	000	2	999	9	Bennett		007	6	0000	
	004	000	2	999	9	Bon Homme		009	6	0000	
	005	000	2			Brookings		011	5	0000	
				002	6	Brookings					07580
				999	9	Balance of county					99999
	006	000	2			Brown		013	5	0000	
				001	6	Aberdeen					00100
				999	9	Balance of county					99999
	007	000	2	999	9	Brule		015	6	0000	
	008	000	2	999	9	Buffalo		017	6	0000	
	009	000	2	999	9	Butte		019	6	0000	
	010	000	2	999	9	Campbell		021	6	0000	
	011	000	2	999	9	Charles Mix		023	6	0000	
	012	000	2	999	9	Clark		025	6	0000	
	013	000	2			Clay		027	6	0000	
				008	6	Vermillion					66700
				999	9	Balance of county					99999
	014	000	2			Codington		029	6	0000	
				009	6	Watertown					69300
				999	9	Balance of county					99999
	015	000	2	999	9	Corson		031	6	0000	
	016	000	2	999	9	Custer		033	6	0000	
	017	000	2			Davison		035	6	0000	
				004	6	Mitchell					43100
				999	9	Balance of county					99999
	018	000	2	999	9	Day		037	6	0000	
	019	000	2	999	9	Deuel		039	6	0000	
	020	000	2	999	9	Dewey		041	6	0000	
	021	000	2	999	9	Douglas		043	6	0000	
	022	000	2	999	9	Edmunds		045	6	0000	
	023	000	2	999	9	Fall River		047	6	0000	
	024	000	2	999	9	Faulk		049	6	0000	
	025	000	2	999	9	Grant		051	6	0000	
	026	000	2	999	9	Gregory		053	6	0000	
	027	000	2	999	9	Haakon		055	6	0000	
	028	000	2	999	9	Hamlin		057	6	0000	
	029	000	2	999	9	Hand		059	6	0000	
	030	000	2	999	9	Hanson		061	6	0000	
	031	000	2	999	9	Harding		063	6	0000	
	032	000	2			Hughes		065	6	0000	
				005	6	Pierre					49600
				999	9	Balance of county					99999
	033	000	2	999	9	Hutchinson		067	6	0000	
	034	000	2	999	9	Hyde		069	6	0000	
	035	000	2	999	9	Jackson		071	6	0000	
	036	000	2	999	9	Jerauld		073	6	0000	
	037	000	2	999	9	Jones		075	6	0000	
	038	000	2	999	9	Kingsbury		077	6	0000	
	039	000	2	999	9	Lake		079	6	0000	
	040	000	2	999	9	Lawrence		081	6	0000	
	041	266	1			Lincoln		083	6	7760	
				007	3	Sioux Falls, part					59020
				999	9	Balance of county					99999
	042	000	2	999	9	Lyman		085	6	0000	
	043	000	2	999	9	McCook		087	6	0000	
	044	000	2	999	9	McPherson		089	6	0000	
	045	000	2	999	9	Marshall		091	6	0000	
	046	000	2	999	9	Meade		093	6	0000	
	047	000	2	999	9	Mellette		095	6	0000	
	048	000	2	999	9	Miner		097	6	0000	
	049	266	1			Minnehaha		099	3	7760	
				007	3	Sioux Falls, part					59020
				999	9	Balance of county					99999
	050	000	2	999	9	Moody		101	6	0000	
	051	227	1			Pennington		103	4	6660	
				006	4	Rapid City					52980
				999	9	Balance of county					99999
	052	000	2	999	9	Perkins		105	6	0000	
	053	000	2	999	9	Potter		107	6	0000	
	054	000	2	999	9	Roberts		109	6	0000	

Vital Statistics Geographic Code Outline For The United States
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Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
42						South Dakota	46				
	055	000	2	999	9	Sanborn		111	6	0000	
	056	000	2	999	9	Shannon		113	6	0000	
	057	000	2	999	9	Spink		115	6	0000	
	058	000	2	999	9	Stanley		117	6	0000	
	059	000	2	999	9	Sully		119	6	0000	
	060	000	2	999	9	Todd		121	6	0000	
	061	000	2	999	9	Tripp		123	6	0000	
	062	000	2	999	9	Turner		125	6	0000	
	063	000	2	999	9	Union		127	6	0000	
	064	000	2	999	9	Walworth		129	6	0000	
	065	000	2			Yankton		135	6	0000	
				010	6	Yankton					73060
				999	9	Balance of county					99999
	066	000	2	999	9	Ziebach		137	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	001	148	1			Anderson		001	4	3840	
				035	5	Oak Ridge, part					55120
				999	9	Balance of county					99999
	002	000	2			Bedford		003	5	0000	
				037	6	Shelbyville					67760
				999	9	Balance of county					99999
	003	000	2			Benton		005	6	0000	
	004	000	2			Bledsoe		007	6	0000	
	005	148	1			Blount		009	4	3840	
				029	6	Maryville					46380
				999	9	Balance of county					99999
	006	000	2			Bradley		011	4	0000	
				008	5	Cleveland					15400
				999	9	Balance of county					99999
	007	000	2			Campbell		013	5	0000	
	008	000	2			Cannon		015	6	0000	
	009	000	2			Carroll		017	5	0000	
	010	140	1			Carter		019	4	3660	
				014	6	Elizabethton					23500
				023	5	Johnson City, part					38320
				999	9	Balance of county					99999
	011	192	1			Cheatham		021	5	5360	
	012	000	2			Chester		023	6	0000	
	013	000	2			Claiborne		025	5	0000	
	014	000	2			Clay		027	6	0000	
	015	000	2			Cocke		029	5	0000	
	016	000	2			Coffee		031	5	0000	
				040	6	Tullahoma, part					75320
				999	9	Balance of county					99999
	017	000	2			Crockett		033	6	0000	
	018	000	2			Cumberland		035	5	0000	
	019	192	1			Davidson		037	1	5360	
				019	6	Goodlettsville, part					29920
				034	2	Nashville-Davidson					52010
				999	9	Balance of county					99999
	020	000	2			Decatur		039	6	0000	
	021	000	2			De Kalb		041	6	0000	
	022	192	1			Dickson		043	5	5360	
	023	000	2			Dyer		045	5	0000	
				012	6	Dyersburg					22200
				999	9	Balance of county					99999
	024	178	1			Fayette		047	5	4920	
	025	000	2			Fentress		049	6	0000	
	026	000	2			Franklin		051	5	0000	
				040	6	Tullahoma, part					75320
				999	9	Balance of county					99999
	027	000	2			Gibson		053	5	0000	
	028	000	2			Giles		055	5	0000	
	029	000	2			Grainger		057	6	0000	
	030	000	2			Greene		059	4	0000	
				020	6	Greeneville					30980
				999	9	Balance of county					99999
	031	000	2			Grundy		061	6	0000	
	032	000	2			Hamblen		063	4	0000	
				032	6	Morristown					50280
				999	9	Balance of county					99999
	033	053	1			Hamilton		065	2	1560	
				006	3	Chattanooga					14000
				013	6	East Ridge					22720
				036	6	Red Bank					61960
				999	9	Balance of county					99999
	034	000	2			Hancock		067	6	0000	
	035	000	2			Hardeman		069	6	0000	
	036	000	2			Hardin		071	6	0000	
	037	140	1			Hawkins		073	5	3660	
				024	5	Kingsport, part					39560
				999	9	Balance of county					99999
	038	000	2			Haywood		075	6	0000	
				005	6	Brownsville					08920
				999	9	Balance of county					99999
	039	000	2			Henderson		077	6	0000	
	040	000	2			Henry		079	5	0000	
	041	000	2			Hickman		081	6	0000	
	042	000	2			Houston		083	6	0000	

Vital Statistics Geographic Code Outline For The United States
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Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	043	000	2	999	9	Humphreys		085	6	0000	
	044	000	2	999	9	Jackson		087	6	0000	
	045	000	2	999	9	Jefferson		089	5	0000	
	046	000	2	999	9	Johnson		091	6	0000	
	047	148	1			Knox		093	2	3840	
				015	6	Farragut, part					25760
				025	3	Knoxville					40000
				999	9	Balance of county					99999
	048	000	2	999	9	Lake		095	6	0000	
	049	000	2	999	9	Lauderdale		097	6	0000	
	050	000	2			Lawrence		099	5	0000	
				026	6	Lawrenceburg					41340
				999	9	Balance of county					99999
	051	000	2	999	9	Lewis		101	6	0000	
	052	000	2	999	9	Lincoln		103	5	0000	
	053	148	1			Loudon		105	5	3840	
				015	6	Farragut, part					25760
				999	9	Balance of county					99999
	054	000	2			McMinn		107	5	0000	
				001	6	Athens					02320
				999	9	Balance of county					99999
	055	000	2	999	9	McNairy		109	6	0000	
	056	000	2	999	9	Macon		111	6	0000	
	057	134	1			Madison		113	4	3580	
				022	5	Jackson					37640
				999	9	Balance of county					99999
	058	053	1	999	9	Marion		115	6	1560	
	059	000	2	999	9	Marshall		117	6	0000	
	060	000	2			Maury		119	4	0000	
				010	5	Columbia					16540
				999	9	Balance of county					99999
	061	000	2	999	9	Meigs		121	6	0000	
	062	000	2	999	9	Monroe		123	5	0000	
	063	058	1			Montgomery		125	3	1660	
				007	4	Clarksville					15160
				999	9	Balance of county					99999
	064	000	2	999	9	Moore		127	6	0000	
	065	000	2	999	9	Morgan		129	6	0000	
	066	000	2			Obion		131	5	0000	
				041	6	Union City					75940
				999	9	Balance of county					99999
	067	000	2	999	9	Overton		133	6	0000	
	068	000	2	999	9	Perry		135	6	0000	
	069	000	2	999	9	Pickett		137	6	0000	
	070	000	2	999	9	Polk		139	6	0000	
	071	000	2			Putnam		141	4	0000	
				011	6	Cookeville					16920
				999	9	Balance of county					99999
	072	000	2	999	9	Rhea		143	6	0000	
	073	000	2			Roane		145	5	0000	
				035	5	Oak Ridge, part					55120
				999	9	Balance of county					99999
	074	192	1			Robertson		147	5	5360	
				039	6	Springfield					70500
				999	9	Balance of county					99999
	075	192	1			Rutherford		149	3	5360	
				033	5	Murfreesboro					51560
				038	6	Smyrna					69420
				999	9	Balance of county					99999
	076	000	2	999	9	Scott		151	6	0000	
	077	000	2	999	9	Sequatchie		153	6	0000	
	078	148	1	999	9	Sevier		155	4	3840	
	079	178	1			Shelby		157	1	4920	
				002	5	Bartlett					03440
				009	6	Collierville					16420
				018	5	Germantown					28960
				030	1	Memphis					48000
				031	6	Millington					49060
				999	9	Balance of county					99999
	080	000	2	999	9	Smith		159	6	0000	
	081	000	2	999	9	Stewart		161	6	0000	
	082	140	1			Sullivan		163	3	3660	
				004	6	Bristol					08540
				023	5	Johnson City, part					38320

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
43						Tennessee	47				
	082					Sullivan, con.		163	3	3660	
				024	5	Kingsport, part					39560
				999	9	Balance of county					99999
	083	192	1			Sumner		165	3	5360	
				017	6	Gallatin					28540
				019	6	Goodlettsville, part					29920
				021	5	Hendersonville					33280
				999	9	Balance of county					99999
	084	178	1			Tipton		167	5	4920	
	085	000	2			Trousdale		169	6	0000	
	086	140	1			Unicoi		171	6	3660	
	087	148	1			Union		173	6	3840	
	088	000	2			Van Buren		175	6	0000	
	089	000	2			Warren		177	5	0000	
				028	6	McMinnville					45100
				999	9	Balance of county					99999
	090	140	1			Washington		179	4	3660	
				023	5	Johnson City, part					38320
				999	9	Balance of county					99999
	091	000	2			Wayne		181	6	0000	
	092	000	2			Weakley		183	5	0000	
	093	000	2			White		185	6	0000	
	094	192	1			Williamson		187	4	5360	
				003	6	Brentwood					08280
				016	6	Franklin					27740
				999	9	Balance of county					99999
	095	192	1			Wilson		189	4	5360	
				027	6	Lebanon					41520
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	001	000	2			Anderson		001	5	0000	
				116	6	Palestine					54708
				999	9	Balance of county					99999
	002	000	2			Andrews		003	6	0000	
				006	6	Andrews					03216
				999	9	Balance of county					99999
	003	000	2			Angelina		005	4	0000	
				098	5	Lufkin					45072
				999	9	Balance of county					99999
	004	000	2			Aransas		007	6	0000	
	005	302	1			Archer		009	6	9080	
				171	4	Wichita Falls, part					79000
				999	9	Balance of county					99999
	006	000	2			Armstrong		011	6	0000	
	007	000	2			Atascosa		013	5	0000	
	008	000	2			Austin		015	6	0000	
	009	000	2			Bailey		017	6	0000	
	010	000	2			Bandera		019	6	0000	
	011	019	1			Bastrop		021	5	0640	
	012	000	2			Baylor		023	6	0000	
	013	000	2			Bee		025	5	0000	
				016	6	Beeville					07192
				999	9	Balance of county					99999
	014	147	1			Bell		027	3	3810	
				018	6	Belton					07492
				071	6	Harker Heights					32312
				084	4	Killeen					39148
				152	5	Temple					72176
				999	9	Balance of county					99999
	015	248	1			Bexar		029	0	7240	
				095	6	Live Oak					43096
				137	1	San Antonio					65000
				141	6	Schertz, part					66128
				158	6	Universal City					74408
				999	9	Balance of county					99999
	016	000	2			Blanco		031	6	0000	
	017	000	2			Borden		033	6	0000	
	018	000	2			Bosque		035	6	0000	
	019	281	1			Bowie		037	4	8360	
				154	5	Texarkana					72368
				999	9	Balance of county					99999
	020	039	1			Brazoria		039	3	1145	
				004	6	Alvin					02272
				007	6	Angleton					03264
				058	6	Freeport					27420
				086	6	Lake Jackson					40588
				120	6	Pearland, part					56348
				999	9	Balance of county					99999
	021	042	1			Brazos		041	3	1260	
				025	4	Bryan					10912
				032	4	College Station					15976
				999	9	Balance of county					99999
	022	000	2			Brewster		043	6	0000	
	023	000	2			Briscoe		045	6	0000	
	024	000	2			Brooks		047	6	0000	
	025	000	2			Brown		049	5	0000	
				024	6	Brownwood					10780
				999	9	Balance of county					99999
	026	000	2			Burleson		051	6	0000	
	027	000	2			Burnet		053	6	0000	
	028	019	1			Caldwell		055	5	0640	
				140	5	San Marcos, part					65600
				999	9	Balance of county					99999
	029	000	2			Calhoun		057	6	0000	
				127	6	Port Lavaca					58916
				999	9	Balance of county					99999
	030	000	2			Callahan		059	6	0000	
	031	041	1			Cameron		061	2	1240	
				023	4	Brownsville					10768
				072	5	Harlingen					32372
				138	6	San Benito					65036
				999	9	Balance of county					99999
	032	000	2			Camp		063	6	0000	
	033	000	2			Carson		065	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	034	000	2	999	9	Cass		067	5	0000	
	035	000	2	999	9	Castro		069	6	0000	
	036	127	1			Chambers		071	6	3360	
				013	4	Baytown, part					06128
				999	9	Balance of county					99999
	037	000	2			Cherokee		073	5	0000	
				080	6	Jacksonville					37216
				999	9	Balance of county					99999
	038	000	2	999	9	Childress		075	6	0000	
	039	000	2	999	9	Clay		077	6	0000	
	040	000	2	999	9	Cochran		079	6	0000	
	041	000	2	999	9	Coke		081	6	0000	
	042	000	2	999	9	Coleman		083	6	0000	
	043	067	1			Collin		085	2	1920	
				003	6	Allen					01924
				029	4	Carrollton, part					13024
				039	0	Dallas, part					19000
				063	3	Garland, part					29000
				100	6	McKinney					45744
				124	3	Plano, part					58016
				129	4	Richardson, part					61796
				999	9	Balance of county					99999
	044	000	2	999	9	Collingsworth		087	6	0000	
	045	000	2	999	9	Colorado		089	6	0000	
	046	248	1			Comal		091	4	7240	
				112	5	New Braunfels, part					50820
				141	6	Schertz, part					66128
				999	9	Balance of county					99999
	047	000	2	999	9	Comanche		093	6	0000	
	048	000	2	999	9	Concho		095	6	0000	
	049	000	2			Cooke		097	5	0000	
				060	6	Gainesville					27984
				999	9	Balance of county					99999
	050	147	1			Coryell		099	4	3810	
				036	6	Copperas Cove, part					16624
				064	6	Gatesville					29168
				999	9	Balance of county					99999
	051	000	2	999	9	Cottle		101	6	0000	
	052	000	2	999	9	Crane		103	6	0000	
	053	000	2	999	9	Crockett		105	6	0000	
	054	000	2	999	9	Crosby		107	6	0000	
	055	000	2	999	9	Culberson		109	6	0000	
	056	000	2	999	9	Dallam		111	6	0000	
	057	067	1			Dallas		113	0	1920	
				011	6	Balch Springs					05372
				029	4	Carrollton, part					13024
				030	6	Cedar Hill, part					13492
				035	6	Coppell, part					16612
				039	0	Dallas, part					19000
				044	5	DeSoto					20092
				047	5	Duncanville					21628
				054	6	Farmers Branch					25452
				063	3	Garland, part					29000
				066	4	Grand Prairie, part					30464
				067	5	Grapevine, part					30644
				079	3	Irving					37000
				089	6	Lancaster					41212
				094	5	Lewisville, part					42508
				104	3	Mesquite					47892
				129	4	Richardson, part					61796
				135	6	Rowlett, part					63572
				159	6	University Park					74492
				999	9	Balance of county					99999
	058	000	2			Dawson		115	6	0000	
				088	6	Lamesa					41164
				999	9	Balance of county					99999
	059	000	2			Deaf Smith		117	6	0000	
				074	6	Hereford					33320
				999	9	Balance of county					99999
	060	000	2	999	9	Delta		119	6	0000	
	061	067	1			Denton		121	2	1920	
				029	4	Carrollton, part					13024
				035	6	Coppell, part					16612
				039	0	Dallas, part					19000

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	061					Denton, con.		121	2	1920	
				043	4	Denton					19972
				055	6	Flower Mound, part					26232
				057	2	Fort Worth, part					27000
				067	5	Grapevine, part					30644
				094	5	Lewisville, part					42508
				124	3	Plano, part					58016
				156	6	The Colony					72530
				999	9	Balance of county					99999
	062	000	2	999	9	De Witt		123	6	0000	
	063	000	2	999	9	Dickens		125	6	0000	
	064	000	2	999	9	Dimmit		127	6	0000	
	065	000	2	999	9	Donley		129	6	0000	
	066	000	2	999	9	Duval		131	6	0000	
	067	000	2	999	9	Eastland		133	6	0000	
	068	203	1			Ector		135	3	5800	
				114	4	Odessa, part					53388
				999	9	Balance of county					99999
	069	000	2	999	9	Edwards		137	6	0000	
	070	067	1			Ellis		139	4	1920	
				030	6	Cedar Hill, part					13492
				052	6	Ennis					24348
				066	4	Grand Prairie, part					30464
				101	6	Mansfield, part					46452
				166	6	Waxahachie					76816
				999	9	Balance of county					99999
	071	083	1			El Paso		141	1	2320	
				051	1	El Paso					24000
				145	6	Socorro					68636
				999	9	Balance of county					99999
	072	000	2			Erath		143	5	0000	
				147	6	Stephenville					70208
				999	9	Balance of county					99999
	073	000	2	999	9	Falls		145	6	0000	
	074	000	2	999	9	Fannin		147	6	0000	
	075	000	2	999	9	Fayette		149	6	0000	
	076	000	2	999	9	Fisher		151	6	0000	
	077	000	2	999	9	Floyd		153	6	0000	
	078	000	2	999	9	Foard		155	6	0000	
	079	127	1			Fort Bend		157	3	3360	
				075	0	Houston, part					35000
				108	5	Missouri City, part					48804
				130	6	Richmond					61892
				133	6	Rosenberg					63284
				148	6	Sugar Land					70808
				999	9	Balance of county					99999
	080	000	2	999	9	Franklin		159	6	0000	
	081	000	2	999	9	Freestone		161	6	0000	
	082	000	2	999	9	Frio		163	6	0000	
	083	000	2	999	9	Gaines		165	6	0000	
	084	107	1			Galveston		167	3	2920	
				059	6	Friendswood, part					27648
				062	4	Galveston					28068
				087	6	La Marque					41116
				092	5	League City, part					41980
				155	5	Texas City					72392
				999	9	Balance of county					99999
	085	000	2	999	9	Garza		169	6	0000	
	086	000	2	999	9	Gillespie		171	6	0000	
	087	000	2	999	9	Glasscock		173	6	0000	
	088	000	2	999	9	Goliad		175	6	0000	
	089	000	2	999	9	Gonzales		177	6	0000	
	090	000	2			Gray		179	6	0000	
				117	6	Pampa					54912
				999	9	Balance of county					99999
	091	263	1			Grayson		181	4	7640	
				042	6	Denison					19900
				143	5	Sherman					67496
				999	9	Balance of county					99999
	092	167	1			Gregg		183	3	4420	
				083	6	Kilgore, part					39124
				096	4	Longview, part					43888
				999	9	Balance of county					99999
	093	000	2	999	9	Grimes		185	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	094	248	1			Guadalupe		187	4	7240	
				112	5	New Braunfels, part					50820
				141	6	Schertz, part					66128
				142	6	Seguin					66644
				999	9	Balance of county					99999
	095	000	2			Hale		189	5	0000	
				123	6	Plainview					57980
				999	9	Balance of county					99999
	096	000	2			Hall		191	6	0000	
	097	000	2			Hall		193	6	0000	
	098	000	2			Hansford		195	6	0000	
	099	000	2			Hardeman		197	6	0000	
	100	025	1			Hardin		199	5	0840	
	101	127	1			Harris		201	0	3360	
				013	4	Baytown, part					06128
				017	6	Bellaire					07300
				040	5	Deer Park					19624
				059	6	Friendswood, part					27648
				061	6	Galena Park					27996
				075	0	Houston, part					35000
				076	6	Humble					35348
				090	5	La Porte					41440
				092	5	League City, part					41980
				108	5	Missouri City, part					48804
				119	3	Pasadena					56000
				120	6	Pearland, part					56348
				146	6	South Houston					69020
				169	6	West University Place					77956
				999	9	Balance of county					99999
	102	167	1			Harrison		203	4	4420	
				096	4	Longview, part					43888
				102	6	Marshall					46776
				999	9	Balance of county					99999
	103	000	2			Hartley		205	6	0000	
	104	000	2			Haskell		207	6	0000	
	105	019	1			Hays		209	4	0640	
				140	5	San Marcos, part					65600
				999	9	Balance of county					99999
	106	000	2			Hemphill		211	6	0000	
	107	067	1			Henderson		213	4	1920	
				009	6	Athens					04504
				999	9	Balance of county					99999
	108	175	1			Hidalgo		215	2	4880	
				045	6	Donna					20884
				049	5	Edinburg					22660
				099	4	McAllen					45384
				103	6	Mercedes					47700
				107	5	Mission					48768
				122	5	Pharr					57200
				139	6	San Juan					65516
				168	6	Weslaco					77272
				999	9	Balance of county					99999
	109	000	2			Hill		217	5	0000	
	110	000	2			Hockley		219	6	0000	
				093	6	Levelland					42448
				999	9	Balance of county					99999
	111	103	1			Hood		221	5	2800	
	112	000	2			Hopkins		223	5	0000	
				149	6	Sulphur Springs					70904
				999	9	Balance of county					99999
	113	000	2			Houston		225	6	0000	
	114	000	2			Howard		227	5	0000	
				020	6	Big Spring					08236
				999	9	Balance of county					99999
	115	000	2			Hudspeth		229	6	0000	
	116	067	1			Hunt		231	4	1920	
				068	6	Greenville					30920
				999	9	Balance of county					99999
	117	000	2			Hutchinson		233	5	0000	
				021	6	Borger					09556
				999	9	Balance of county					99999
	118	000	2			Irion		235	6	0000	
	119	000	2			Jack		237	6	0000	
	120	000	2			Jackson		239	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	121	000	2	999	9	Jasper		241	5	0000	
	122	000	2	999	9	Jeff Davis		243	6	0000	
	123	025	1			Jefferson		245	3	0840	
				014	3	Beaumont					07000
				069	6	Groves					31328
				111	6	Nederland					50580
				125	4	Port Arthur					58820
				128	6	Port Neches					58940
				999	9	Balance of county					99999
	124	000	2	999	9	Jim Hogg		247	6	0000	
	125	000	2			Jim Wells		249	5	0000	
				002	6	Alice					01852
				999	9	Balance of county					99999
	126	103	1			Johnson		251	4	2800	
				027	6	Burleson, part					11428
				031	6	Cleburne					15364
				101	6	Mansfield, part					46452
				999	9	Balance of county					99999
	127	000	2			Jones		253	6	0000	
				001	3	Abilene, part					01000
				999	9	Balance of county					99999
	128	000	2	999	9	Karnes		255	6	0000	
	129	067	1			Kaufman		257	4	1920	
				039	0	Dallas, part					19000
				153	6	Terrell					72284
				999	9	Balance of county					99999
	130	000	2	999	9	Kendall		259	6	0000	
	131	000	2	999	9	Kenedy		261	6	0000	
	132	000	2	999	9	Kent		263	6	0000	
	133	000	2			Kerr		265	5	0000	
				082	6	Kerrville					39040
				999	9	Balance of county					99999
	134	000	2	999	9	Kimble		267	6	0000	
	135	000	2	999	9	King		269	6	0000	
	136	000	2	999	9	Kinney		271	6	0000	
	137	000	2			Kleberg		273	5	0000	
				037	2	Corpus Christi, part					17000
				085	5	Kingsville					39352
				999	9	Balance of county					99999
	138	000	2	999	9	Knox		275	6	0000	
	139	000	2			Lamar		277	5	0000	
				118	6	Paris					55080
				999	9	Balance of county					99999
	140	000	2	999	9	Lamb		279	6	0000	
	141	000	2			Lampasas		281	6	0000	
				036	6	Copperas Cove, part					16624
				999	9	Balance of county					99999
	142	000	2	999	9	La Salle		283	6	0000	
	143	000	2	999	9	Lavaca		285	6	0000	
	144	000	2	999	9	Lee		287	6	0000	
	145	000	2	999	9	Leon		289	6	0000	
	146	127	1	999	9	Liberty		291	4	3360	
	147	000	2	999	9	Limestone		293	6	0000	
	148	000	2	999	9	Lipscomb		295	6	0000	
	149	000	2	999	9	Live Oak		297	6	0000	
	150	000	2	999	9	Llano		299	6	0000	
	151	000	2	999	9	Loving		301	6	0000	
	152	170	1			Lubbock		303	3	4600	
				097	3	Lubbock					45000
				999	9	Balance of county					99999
	153	000	2	999	9	Lynn		305	6	0000	
	154	000	2	999	9	McCulloch		307	6	0000	
	155	295	1			McLennan		309	3	8800	
				164	3	Waco					76000
				999	9	Balance of county					99999
	156	000	2	999	9	McMullen		311	6	0000	
	157	000	2	999	9	Madison		313	6	0000	
	158	000	2	999	9	Marion		315	6	0000	
	159	000	2			Martin		317	6	0000	
				105	4	Midland, part					48072
				999	9	Balance of county					99999
	160	000	2	999	9	Mason		319	6	0000	
	161	000	2			Matagorda		321	5	0000	
				012	6	Bay City					05984

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	161					Matagorda, con.		321	5	0000	
				999	9	Balance of county					99999
	162	000	2			Maverick		323	5	0000	
				048	6	Eagle Pass					21892
				999	9	Balance of county					99999
	163	000	2			Medina		325	5	0000	
	164	000	2			Menard		327	6	0000	
	165	203	1			Midland		329	3	5800	
				105	4	Midland, part					48072
				114	4	Odessa, part					53388
				999	9	Balance of county					99999
	166	000	2			Milam		331	6	0000	
	167	000	2			Mills		333	6	0000	
	168	000	2			Mitchell		335	6	0000	
	169	000	2			Montague		337	6	0000	
	170	127	1			Montgomery		339	3	3360	
				034	5	Conroe					16432
				075	0	Houston, part					35000
				999	9	Balance of county					99999
	171	000	2			Moore		341	6	0000	
				046	6	Dumas					21556
				999	9	Balance of county					99999
	172	000	2			Morris		343	6	0000	
	173	000	2			Motley		345	6	0000	
	174	000	2			Nacogdoches		347	4	0000	
				110	5	Nacogdoches					50256
				999	9	Balance of county					99999
	175	000	2			Navarro		349	5	0000	
				038	6	Corsicana					17060
				999	9	Balance of county					99999
	176	000	2			Newton		351	6	0000	
	177	000	2			Nolan		353	6	0000	
				150	6	Sweetwater					71540
				999	9	Balance of county					99999
	178	065	1			Nueces		355	2	1880	
				037	2	Corpus Christi, part					17000
				126	6	Portland, part					58904
				131	6	Robstown					62600
				999	9	Balance of county					99999
	179	000	2			Ochiltree		357	6	0000	
	180	000	2			Oldham		359	6	0000	
	181	025	1			Orange		361	4	0840	
				115	6	Orange					54132
				163	6	Vidor					75476
				999	9	Balance of county					99999
	182	000	2			Palo Pinto		363	5	0000	
				106	6	Mineral Wells, part					48684
				999	9	Balance of county					99999
	183	000	2			Panola		365	6	0000	
	184	103	1			Parker		367	4	2800	
				106	6	Mineral Wells, part					48684
				167	6	Weatherford					76864
				999	9	Balance of county					99999
	185	000	2			Parmer		369	6	0000	
	186	000	2			Pecos		371	6	0000	
	187	000	2			Polk		373	5	0000	
	188	009	1			Potter		375	4	0320	
				005	3	Amarillo, part					03000
				999	9	Balance of county					99999
	189	000	2			Presidio		377	6	0000	
	190	000	2			Rains		379	6	0000	
	191	009	1			Randall		381	4	0320	
				005	3	Amarillo, part					03000
				028	6	Canyon					12532
				999	9	Balance of county					99999
	192	000	2			Reagan		383	6	0000	
	193	000	2			Real		385	6	0000	
	194	000	2			Red River		387	6	0000	
	195	000	2			Reeves		389	6	0000	
				121	6	Pecos					56516
				999	9	Balance of county					99999
	196	000	2			Refugio		391	6	0000	
	197	000	2			Roberts		393	6	0000	
	198	000	2			Robertson		395	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	199	067	1			Rockwall		397	5	1920	
				039	0	Dallas, part					19000
				063	3	Garland, part					29000
				132	6	Rockwall					62828
				135	6	Rowlett, part					63572
				999	9	Balance of county					99999
	200	000	2	999	9	Runnels		399	6	0000	
	201	000	2			Rusk		401	5	0000	
				073	6	Henderson					33212
				083	6	Kilgore, part					39124
				999	9	Balance of county					99999
	202	000	2	999	9	Sabine		403	6	0000	
	203	000	2	999	9	San Augustine		405	6	0000	
	204	000	2	999	9	San Jacinto		407	6	0000	
	205	065	1			San Patricio		409	4	1880	
				037	2	Corpus Christi, part					17000
				126	6	Portland, part					58904
				999	9	Balance of county					99999
	206	000	2	999	9	San Saba		411	6	0000	
	207	000	2	999	9	Schleicher		413	6	0000	
	208	000	2			Scurry		415	6	0000	
				144	6	Snyder					68624
				999	9	Balance of county					99999
	209	000	2	999	9	Shackelford		417	6	0000	
	210	000	2	999	9	Shelby		419	6	0000	
	211	000	2	999	9	Sherman		421	6	0000	
	212	288	1			Smith		423	3	8640	
				157	4	Tyler					74144
				999	9	Balance of county					99999
	213	000	2	999	9	Somervell		425	6	0000	
	214	000	2	999	9	Starr		427	5	0000	
	215	000	2	999	9	Stephens		429	6	0000	
	216	000	2	999	9	Sterling		431	6	0000	
	217	000	2	999	9	Stonewall		433	6	0000	
	218	000	2	999	9	Sutton		435	6	0000	
	219	000	2	999	9	Swisher		437	6	0000	
	220	103	1			Tarrant		439	0	2800	
				008	2	Arlington					04000
				015	5	Bedford					07132
				019	6	Benbrook					07552
				027	6	Burleson, part					11428
				033	6	Colleyville					15988
				053	5	Eules					24768
				055	6	Flower Mound, part					26232
				056	6	Forest Hill					26544
				057	2	Fort Worth, part					27000
				066	4	Grand Prairie, part					30464
				067	5	Grapevine, part					30644
				070	5	Haltom City					31928
				078	5	Hurst					35576
				081	6	Keller					38632
				101	6	Mansfield, part					46452
				113	5	North Richland Hills					52356
				165	6	Watauga					76672
				170	6	White Settlement					78544
				999	9	Balance of county					99999
	221	001	1			Taylor		441	3	0040	
				001	3	Abilene, part					01000
				999	9	Balance of county					99999
	222	000	2	999	9	Terrell		443	6	0000	
	223	000	2	999	9	Terry		445	6	0000	
	224	000	2	999	9	Throckmorton		447	6	0000	
	225	000	2			Titus		449	6	0000	
				109	6	Mount Pleasant					49800
				999	9	Balance of county					99999
	226	247	1			Tom Green		451	4	7200	
				136	4	San Angelo					64472
				999	9	Balance of county					99999
	227	019	1			Travis		453	1	0640	
				010	2	Austin, part					05000
				134	5	Round Rock, part					63500
				999	9	Balance of county					99999
	228	000	2	999	9	Trinity		455	6	0000	
	229	000	2	999	9	Tyler		457	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
44						Texas	48				
	230	167	1	999	9	Upshur		459	5	4420	
	231	000	2	999	9	Upton		461	6	0000	
	232	000	2			Uvalde		463	6	0000	
				160	6	Uvalde					74588
				999	9	Balance of county					99999
	233	000	2			Val Verde		465	5	0000	
				041	5	Del Rio					19792
				999	9	Balance of county					99999
	234	000	2	999	9	Van Zandt		467	5	0000	
	235	292	1			Victoria		469	4	8750	
				162	4	Victoria					75428
				999	9	Balance of county					99999
	236	000	2			Walker		471	4	0000	
				077	5	Huntsville					35528
				999	9	Balance of county					99999
	237	127	1	999	9	Waller		473	6	3360	
	238	000	2	999	9	Ward		475	6	0000	
	239	000	2			Washington		477	5	0000	
				022	6	Brenham					10156
				999	9	Balance of county					99999
	240	157	1			Webb		479	3	4080	
				091	3	Laredo					41464
				999	9	Balance of county					99999
	241	000	2			Wharton		481	5	0000	
				050	6	El Campo					22864
				999	9	Balance of county					99999
	242	000	2	999	9	Wheeler		483	6	0000	
	243	302	1			Wichita		485	3	9080	
				026	6	Burkburnett					11368
				171	4	Wichita Falls, part					79000
				999	9	Balance of county					99999
	244	000	2			Wilbarger		487	6	0000	
				161	6	Vernon					75308
				999	9	Balance of county					99999
	245	000	2	999	9	Willacy		489	6	0000	
	246	019	1			Williamson		491	3	0640	
				010	2	Austin, part					05000
				065	6	Georgetown					29336
				134	5	Round Rock, part					63500
				151	6	Taylor					71948
				999	9	Balance of county					99999
	247	248	1	999	9	Wilson		493	6	7240	
	248	000	2	999	9	Winkler		495	6	0000	
	249	000	2	999	9	Wise		497	5	0000	
	250	000	2	999	9	Wood		499	5	0000	
	251	000	2	999	9	Yoakum		501	6	0000	
	252	000	2	999	9	Young		503	6	0000	
	253	000	2	999	9	Zapata		505	6	0000	
	254	000	2	999	9	Zavala		507	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
45						Utah	49				
	001	000	2	999	9	Beaver		001	6	0000	
	002	000	2			Box Elder		003	5	0000	
				003	6	Brigham City					08460
				999	9	Balance of county					99999
	003	000	2			Cache		005	4	0000	
				009	5	Logan					45860
				999	9	Balance of county					99999
	004	000	2	999	9	Carbon		007	6	0000	
	005	000	2	999	9	Daggett		009	6	0000	
	006	246	1			Davis		011	3	7160	
				002	5	Bountiful					07690
				005	6	Centerville					11980
				006	6	Clearfield					13850
				007	6	Kaysville					40360
				008	5	Layton					43660
				999	9	Balance of county					99999
	007	000	2	999	9	Duchesne		013	6	0000	
	008	000	2	999	9	Emery		015	6	0000	
	009	000	2	999	9	Garfield		017	6	0000	
	010	000	2	999	9	Grand		019	6	0000	
	011	000	2			Iron		021	6	0000	
				004	6	Cedar City					11320
				999	9	Balance of county					99999
	012	000	2	999	9	Juab		023	6	0000	
	013	000	2	999	9	Kane		025	6	0000	
	014	000	2	999	9	Millard		027	6	0000	
	015	000	2	999	9	Morgan		029	6	0000	
	016	000	2	999	9	Piute		031	6	0000	
	017	000	2	999	9	Rich		033	6	0000	
	018	246	1			Salt Lake		035	1	7160	
				010	6	Midvale					49710
				011	5	Murray					53230
				017	6	Riverton					64340
				020	3	Salt Lake City					67000
				021	4	Sandy					67550
				022	6	South Jordan					70850
				024	6	South Salt Lake					71070
				028	5	West Jordan					82950
				029	4	West Valley City					83445
				999	9	Balance of county					99999
	019	000	2	999	9	San Juan		037	6	0000	
	020	000	2	999	9	Sanpete		039	6	0000	
	021	000	2	999	9	Sevier		041	6	0000	
	022	000	2	999	9	Summit		043	6	0000	
	023	000	2			Tooele		045	5	0000	
				027	6	Tooele					76680
				999	9	Balance of county					99999
	024	000	2	999	9	Uintah		047	6	0000	
	025	222	1			Utah		049	2	6520	
				001	6	American Fork					01310
				014	4	Orem					57300
				015	6	Pleasant Grove					60930
				016	4	Provo					62470
				025	6	Spanish Fork					71290
				026	6	Springville					72280
				999	9	Balance of county					99999
	026	000	2	999	9	Wasatch		051	6	0000	
	027	000	2			Washington		053	5	0000	
				019	5	St. George					65330
				999	9	Balance of county					99999
	028	000	2	999	9	Wayne		055	6	0000	
	029	246	1			Weber		057	3	7160	
				012	6	North Ogden					55100
				013	4	Ogden					55980
				018	6	Roy					65110
				023	6	South Ogden					70960
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
46						Vermont	50				
	001	000	2	999	9	Addison	001	5		0000	
	002	000	2	999	9	Bennington	003	5		0000	
	003	000	2	999	9	Caledonia	005	5		0000	
	004	044	1			Chittenden	007	3		1303	
				001	5	Burlington					10675
				003	6	South Burlington					66175
				999	9	Balance of county					99999
	005	000	2	999	9	Essex	009	6		0000	
	006	044	1	999	9	Franklin	011	5		1303	
	007	044	1	999	9	Grand Isle	013	6		1303	
	008	000	2	999	9	Lamoille	015	6		0000	
	009	000	2	999	9	Orange	017	5		0000	
	010	000	2	999	9	Orleans	019	6		0000	
	011	000	2			Rutland	021	4		0000	
				002	6	Rutland					61225
				999	9	Balance of county					99999
	012	000	2	999	9	Washington	023	4		0000	
	013	000	2	999	9	Windham	025	5		0000	
	014	000	2	999	9	Windsor	027	4		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
47						Virginia	51				
	001	000	2	999	9	Accomack		001	5	0000	
	002	052	1	999	9	Albemarle		003	4	1540	
	003	296	1	001	3	Alexandria city		510	3	8840	01000
	004	000	2	999	9	Alleghany		005	6	0000	
	005	000	2	999	9	Amelia		007	6	0000	
	006	171	1	999	9	Amherst		009	5	4640	
	007	000	2	999	9	Appomattox		011	6	0000	
	008	296	1	002	3	Arlington		013	3	8840	03000
	009	000	2	999	9	Augusta		015	4	0000	
	010	000	2	999	9	Bath		017	6	0000	
	011	171	1	999	9	Bedford		019	5	4640	
	012	171	1	999	9	Bedford city		515	6	4640	99999
	013	000	2	999	9	Bland		021	6	0000	
	014	234	1	999	9	Botetourt		023	6	6800	
	015	140	1	004	6	Bristol city		520	6	3660	09816
	016	000	2	999	9	Brunswick		025	6	0000	
	017	000	2	999	9	Buchanan		027	5	0000	
	018	000	2	999	9	Buckingham		029	6	0000	
	019	000	2	999	9	Buena Vista city		530	6	0000	99999
	020	171	1	999	9	Campbell		031	5	4640	
	021	000	2	999	9	Caroline		033	6	0000	
	022	000	2	999	9	Carroll		035	5	0000	
	023	232	1	999	9	Charles City		036	6	6760	
	024	000	2	999	9	Charlotte		037	6	0000	
	025	052	1	005	5	Charlottesville city		540	5	1540	14968
	026	200	1	006	3	Chesapeake city		550	3	5720	16000
	027	232	1	999	9	Chesterfield		041	3	6760	
	028	296	1	999	9	Clarke		043	6	8840	
	029	000	2	999	9	Clifton Forge city		560	6	0000	99999
	030	232	1	008	6	Colonial Heights city		570	6	6760	18448
	031	000	2	999	9	Covington city		580	6	0000	99999
	032	000	2	999	9	Craig		045	6	0000	
	033	296	1	999	9	Culpeper		047	5	8840	
	034	000	2	999	9	Cumberland		049	6	0000	
	035	068	1	009	4	Danville city		590	4	1950	21344
	036	000	2	999	9	Dickenson		051	6	0000	
	037	232	1	999	9	Dinwiddie		053	6	6760	
	038	000	2	999	9	Emporia city		595	6	0000	99999
	039	000	2	999	9	Essex		057	6	0000	
	040	296	1			Fairfax		059	1	8840	
				015	6	Herndon					36648
				032	6	Vienna					81072
				999	9	Balance of county					99999
	041	296	1	010	6	Fairfax city		600	6	8840	26496
	042	296	1	999	9	Falls Church city		610	6	8840	99999
	043	296	1	999	9	Fauquier		061	5	8840	
	044	000	2	999	9	Floyd		063	6	0000	
	045	052	1	999	9	Fluvanna		065	6	1540	
	046	000	2	999	9	Franklin		067	5	0000	
	047	000	2	999	9	Franklin city		620	6	0000	99999
	048	000	2	999	9	Frederick		069	5	0000	
	049	296	1	011	6	Fredericksburg city		630	6	8840	29744
	050	000	2	999	9	Galax city		640	6	0000	99999
	051	000	2	999	9	Giles		071	6	0000	
	052	200	1	999	9	Gloucester		073	5	5720	
	053	232	1	999	9	Goochland		075	6	6760	
	054	000	2	999	9	Grayson		077	6	0000	
	055	052	1	999	9	Greene		079	6	1540	
	056	000	2	999	9	Greensville		081	6	0000	
	057	000	2	999	9	Halifax		083	5	0000	
	057	000	2	999	9	South Boston city		083	5	0000	99999
	058	200	1	013	3	Hampton city		650	3	5720	35000
	059	232	1	999	9	Hanover		085	4	6760	
	060	000	2	014	5	Harrisonburg city		660	5	0000	35624
	061	232	1	999	9	Henrico		087	3	6760	
	062	000	2	999	9	Henry		089	4	0000	
	063	000	2	999	9	Highland		091	6	0000	
	064	232	1	016	6	Hopewell city		670	6	6760	38424
	065	200	1	999	9	Isle of Wight		093	5	5720	
	066	200	1	999	9	James City		095	5	5720	
	067	000	2	999	9	King and Queen		097	6	0000	
	068	296	1	999	9	King George		099	6	8840	
	069	000	2	999	9	King William		101	6	0000	
	070	000	2	999	9	Lancaster		103	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
47						Virginia	51				
	071	000	2	999	9	Lee		105	6	0000	
	072	000	2	999	9	Lexington city		678	6	0000	99999
	073	296	1			Loudoun		107	4	8840	
				017	6	Leesburg					44984
				999	9	Balance of county					99999
	074	000	2	999	9	Louisa		109	6	0000	
	075	000	2	999	9	Lunenburg		111	6	0000	
	076	171	1	018	4	Lynchburg city		680	4	4640	47672
	077	000	2	999	9	Madison		113	6	0000	
	078	296	1	019	5	Manassas city		683	5	8840	48952
	079	296	1	999	9	Manassas Park city		685	6	8840	99999
	080	000	2	020	6	Martinsville city		690	6	0000	49784
	081	200	1	999	9	Mathews		115	6	5720	
	082	000	2	999	9	Mecklenburg		117	5	0000	
	083	000	2	999	9	Middlesex		119	6	0000	
	084	000	2			Montgomery		121	4	0000	
				003	5	Blacksburg					07784
				007	6	Christiansburg					16608
				999	9	Balance of county					99999
	085	000	2	999	9	Nelson		125	6	0000	
	086	232	1	999	9	New Kent		127	6	6760	
	087	200	1	021	3	Newport News city		700	3	5720	56000
	088	200	1	022	2	Norfolk city		710	2	5720	57000
	089	000	2	999	9	Northampton		131	6	0000	
	090	000	2	999	9	Northumberland		133	6	0000	
	091	000	2	999	9	Norton city		720	6	0000	99999
	092	000	2	999	9	Nottoway		135	6	0000	
	093	000	2	999	9	Orange		137	6	0000	
	094	000	2	999	9	Page		139	6	0000	
	095	000	2	999	9	Patrick		141	6	0000	
	096	232	1	023	5	Petersburg city		730	5	6760	61832
	097	068	1	999	9	Pittsylvania		143	4	1950	
	098	200	1	024	6	Poquoson city		735	6	5720	63768
	099	200	1	025	3	Portsmouth city		740	3	5720	64000
	100	232	1	999	9	Powhatan		145	6	6760	
	101	000	2	999	9	Prince Edward		147	6	0000	
	102	232	1	999	9	Prince George		149	5	6760	
	103	296	1	999	9	Prince William		153	3	8840	
	104	000	2	999	9	Pulaski		155	5	0000	
	105	000	2	026	6	Radford city		750	6	0000	65392
	106	000	2	999	9	Rappahannock		157	6	0000	
	107	000	2	999	9	Richmond		159	6	0000	
	108	232	1	027	3	Richmond city		760	3	6760	67000
	109	234	1	999	9	Roanoke		161	4	6800	
	110	234	1	028	4	Roanoke city		770	4	6800	68000
	111	000	2	999	9	Rockbridge		163	6	0000	
	112	000	2	999	9	Rockingham		165	4	0000	
	113	000	2	999	9	Russell		167	5	0000	
	114	234	1	029	6	Salem city		775	6	6800	70000
	115	140	1	999	9	Scott		169	6	3660	
	116	000	2	999	9	Shenandoah		171	5	0000	
	117	000	2	999	9	Smyth		173	5	0000	
	118	000	2	999	9	Southampton		175	6	0000	
	120	296	1	999	9	Spotsylvania		177	4	8840	
	121	296	1	999	9	Stafford		179	4	8840	
	122	000	2	030	6	Staunton city		790	6	0000	75216
	123	200	1	031	4	Suffolk city		800	4	5720	76432
	124	000	2	999	9	Surry		181	6	0000	
	125	000	2	999	9	Sussex		183	6	0000	
	126	000	2	999	9	Tazewell		185	5	0000	
	127	200	1	033	2	Virginia Beach city		810	2	5720	82000
	128	296	1			Warren		187	5	8840	
				012	6	Front Royal					29968
				999	9	Balance of county					99999
	129	140	1	999	9	Washington		191	5	3660	
	130	000	2	034	6	Waynesboro city		820	6	0000	83680
	131	000	2	999	9	Westmoreland		193	6	0000	
	132	200	1	035	6	Williamsburg city		830	6	5720	86160
	133	000	2	036	6	Winchester city		840	6	0000	86720
	134	000	2	999	9	Wise		195	5	0000	
	135	000	2	999	9	Wythe		197	5	0000	
	136	200	1	999	9	York		199	5	5720	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
48						Washington	53				
	001	000	2	999	9	Adams		001	6	0000	
	002	000	2	999	9	Asotin		003	6	0000	
	003	231	1			Benton		005	3	6740	
				014	5	Kennewick					35275
				033	5	Richland					58235
				999	9	Balance of county					99999
	004	000	2			Chelan		007	4	0000	
				041	6	Wenatchee					77105
				999	9	Balance of county					99999
	005	000	2			Clallam		009	4	0000	
				028	6	Port Angeles					55365
				999	9	Balance of county					99999
	006	220	1			Clark		011	3	6440	
				039	5	Vancouver					74060
				999	9	Balance of county					99999
	007	000	2	999	9	Columbia		013	6	0000	
	008	000	2			Cowlitz		015	4	0000	
				013	6	Kelso					35065
				018	5	Longview					40245
				999	9	Balance of county					99999
	009	000	2	999	9	Douglas		017	5	0000	
	010	000	2	999	9	Ferry		019	6	0000	
	011	231	1			Franklin		021	5	6740	
				027	6	Pasco					53545
				999	9	Balance of county					99999
	012	000	2	999	9	Garfield		023	6	0000	
	013	000	2			Grant		025	4	0000	
				022	6	Moses Lake					47245
				999	9	Balance of county					99999
	014	000	2			Grays Harbor		027	4	0000	
				001	6	Aberdeen					00100
				999	9	Balance of county					99999
	015	260	1			Island		029	4	7600	
				025	6	Oak Harbor					50360
				999	9	Balance of county					99999
	016	000	2	999	9	Jefferson		031	6	0000	
	017	260	1			King		033	0	7600	
				003	5	Auburn					03180
				004	4	Bellevue					05210
				006	6	Bothell, part					07380
				009	6	Des Moines					17635
				015	5	Kent					35415
				016	5	Kirkland					35940
				021	6	Mercer Island					45005
				031	5	Redmond					57535
				032	5	Renton					57745
				034	1	Seattle					63000
				038	6	Tukwila					72625
				999	9	Balance of county					99999
	018	040	1			Kitsap		035	3	1150	
				007	5	Bremerton					07695
				999	9	Balance of county					99999
	019	000	2			Kittitas		037	5	0000	
				011	6	Ellensburg					21240
				999	9	Balance of county					99999
	020	000	2	999	9	Klickitat		039	6	0000	
	021	000	2			Lewis		041	4	0000	
				008	6	Centralia					11160
				999	9	Balance of county					99999
	022	000	2	999	9	Lincoln		043	6	0000	
	023	000	2	999	9	Mason		045	5	0000	
	024	000	2	999	9	Okanogan		047	5	0000	
	025	000	2	999	9	Pacific		049	6	0000	
	026	000	2	999	9	Pend Oreille		051	6	0000	
	027	277	1			Pierce		053	1	8200	
				030	6	Puyallup					56695
				037	3	Tacoma					70000
				999	9	Balance of county					99999
	028	000	2	999	9	San Juan		055	6	0000	
	029	000	2			Skagit		057	4	0000	
				002	6	Anacortes					01990
				024	6	Mount Vernon					47560
				999	9	Balance of county					99999
	030	000	2	999	9	Skamania		059	6	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
48						Washington	53				
	031	260	1			Snohomish		061	2	7600	
				006	6	Bothell, part					07380
				010	5	Edmonds					20750
				012	4	Everett					22640
				019	5	Lynnwood					40840
				020	6	Marysville					43955
				023	6	Mountlake Terrace					47490
				999	9	Balance of county					99999
	032	268	1			Spokane		063	2	7840	
				035	3	Spokane					67000
				999	9	Balance of county					99999
	033	000	2			Stevens		065	5	0000	
	034	205	1			Thurston		067	3	5910	
				017	6	Lacey					36745
				026	5	Olympia					51300
				999	9	Balance of county					99999
	035	000	2			Wahkiakum		069	6	0000	
	036	000	2			Walla Walla		071	5	0000	
				040	5	Walla Walla					75775
				999	9	Balance of county					99999
	037	026	1			Whatcom		073	3	0860	
				005	4	Bellingham					05280
				999	9	Balance of county					99999
	038	000	2			Whitman		075	5	0000	
				029	6	Pullman					56625
				999	9	Balance of county					99999
	039	306	1			Yakima		077	3	9260	
				036	6	Sunnyside					68750
				042	4	Yakima					80010
				999	9	Balance of county					99999

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
49						West Virginia	54				
	001	000	2	999	9	Barbour		001	6	0000	
	002	296	1			Berkeley		003	4	8840	
				007	6	Martinsburg					52060
				999	9	Balance of county					99999
	003	000	2	999	9	Boone		005	5	0000	
	004	000	2	999	9	Braxton		007	6	0000	
	005	273	1			Brooke		009	5	8080	
				014	6	Weirton, part					85156
				999	9	Balance of county					99999
	006	128	1			Cabell		011	4	3400	
				006	4	Huntington, part					39460
				999	9	Balance of county					99999
	007	000	2	999	9	Calhoun		013	6	0000	
	008	000	2	999	9	Clay		015	6	0000	
	009	000	2	999	9	Doddridge		017	6	0000	
	010	000	2	999	9	Fayette		019	5	0000	
	011	000	2	999	9	Gilmer		021	6	0000	
	012	000	2	999	9	Grant		023	6	0000	
	013	000	2	999	9	Greenbrier		025	5	0000	
	014	000	2	999	9	Hampshire		027	6	0000	
	015	273	1			Hancock		029	5	8080	
				014	6	Weirton, part					85156
				999	9	Balance of county					99999
	016	000	2	999	9	Hardy		031	6	0000	
	017	000	2			Harrison		033	4	0000	
				004	6	Clarksburg					15628
				999	9	Balance of county					99999
	018	000	2	999	9	Jackson		035	5	0000	
	019	296	1	999	9	Jefferson		037	5	8840	
	020	050	1			Kanawha		039	3	1480	
				003	4	Charleston					14600
				011	6	St. Albans					71212
				012	6	South Charleston					75292
				999	9	Balance of county					99999
	021	000	2	999	9	Lewis		041	6	0000	
	022	000	2	999	9	Lincoln		043	6	0000	
	023	000	2	999	9	Logan		045	5	0000	
	024	000	2	999	9	McDowell		047	5	0000	
	025	000	2			Marion		049	4	0000	
				005	6	Fairmont					26452
				999	9	Balance of county					99999
	026	300	1			Marshall		051	5	9000	
				009	6	Moundsville					56020
				015	5	Wheeling, part					86452
				999	9	Balance of county					99999
	027	000	2	999	9	Mason		053	5	0000	
	028	000	2			Mercer		055	4	0000	
				002	6	Bluefield					08524
				999	9	Balance of county					99999
	029	066	1	999	9	Mineral		057	5	1900	
	030	000	2	999	9	Mingo		059	5	0000	
	031	000	2			Monongalia		061	4	0000	
				008	5	Morgantown					55756
				999	9	Balance of county					99999
	032	000	2	999	9	Monroe		063	6	0000	
	033	000	2	999	9	Morgan		065	6	0000	
	034	000	2	999	9	Nicholas		067	5	0000	
	035	300	1			Ohio		069	4	9000	
				015	5	Wheeling, part					86452
				999	9	Balance of county					99999
	036	000	2	999	9	Pendleton		071	6	0000	
	037	000	2	999	9	Pleasants		073	6	0000	
	038	000	2	999	9	Pocahontas		075	6	0000	
	039	000	2	999	9	Preston		077	5	0000	
	040	050	1	999	9	Putnam		079	5	1480	
	041	000	2			Raleigh		081	4	0000	
				001	6	Beckley					05332
				999	9	Balance of county					99999
	042	000	2	999	9	Randolph		083	5	0000	
	043	000	2	999	9	Ritchie		085	6	0000	
	044	000	2	999	9	Roane		087	6	0000	
	045	000	2	999	9	Summers		089	6	0000	
	046	000	2	999	9	Taylor		091	6	0000	
	047	000	2	999	9	Tucker		093	6	0000	

Vital Statistics Geographic Code Outline For The United States
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Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
49						West Virginia	54				
	048	000	2	999	9	Tyler		095	6	0000	
	049	000	2	999	9	Upshur		097	6	0000	
	050	128	1			Wayne		099	5	3400	
				006	4	Huntington, part					39460
				999	9	Balance of county					99999
	051	000	2	999	9	Webster		101	6	0000	
	052	000	2	999	9	Wetzel		103	6	0000	
	053	000	2	999	9	Wirt		105	6	0000	
	054	211	1			Wood		107	4	6020	
				010	5	Parkersburg					62140
				013	6	Vienna					83500
				999	9	Balance of county					99999
	055	000	2	999	9	Wyoming		109	5	0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	001	000	2	999	9	Adams	001	6		0000	
	002	000	2	999	9	Ashland	003	6		0000	
	003	000	2	999	9	Barron	005	5		0000	
	004	000	2	999	9	Bayfield	007	6		0000	
	005	115	1			Brown	009	3		3080	
				001	6	Allouez village					01175
				003	6	Ashwaubenon village					03425
				011	6	De Pere					19775
				019	4	Green Bay					31000
				999	9	Balance of county					99999
	006	000	2	999	9	Buffalo	011	6		0000	
	007	000	2	999	9	Burnett	013	6		0000	
	008	013	1			Calumet	015	5		0460	
				002	4	Appleton, part					02375
				030	6	Menasha, part					50825
				999	9	Balance of county					99999
	009	082	1			Chippewa	017	4		2290	
				009	6	Chippewa Falls					14575
				012	4	Eau Claire, part					22300
				999	9	Balance of county					99999
	010	000	2	999	9	Clark	019	5		0000	
	011	000	2	999	9	Columbia	021	5		0000	
	012	000	2	999	9	Crawford	023	6		0000	
	013	173	1			Dane	025	2		4720	
				013	6	Fitchburg					25950
				026	3	Madison					48000
				034	6	Middleton					51575
				051	6	Sun Prairie					78600
				999	9	Balance of county					99999
	014	000	2			Dodge	027	4		0000	
				004	6	Beaver Dam					05900
				054	6	Watertown, part					83975
				999	9	Balance of county					99999
	015	000	2	999	9	Door	029	5		0000	
	016	080	1			Douglas	031	5		2240	
				052	5	Superior					78700
				999	9	Balance of county					99999
	017	000	2			Dunn	033	5		0000	
				032	6	Menomonie					51025
				999	9	Balance of county					99999
	018	082	1			Eau Claire	035	4		2290	
				012	4	Eau Claire, part					22300
				999	9	Balance of county					99999
	019	000	2	999	9	Florence	037	6		0000	
	020	000	2			Fond du Lac	039	4		0000	
				014	5	Fond du Lac					26275
				999	9	Balance of county					99999
	021	000	2	999	9	Forest	041	6		0000	
	022	000	2	999	9	Grant	043	5		0000	
	023	000	2			Green	045	5		0000	
				036	6	Monroe					53750
				999	9	Balance of county					99999
	024	000	2	999	9	Green Lake	047	6		0000	
	025	000	2	999	9	Iowa	049	6		0000	
	026	000	2	999	9	Iron	051	6		0000	
	027	000	2	999	9	Jackson	053	6		0000	
	028	000	2			Jefferson	055	4		0000	
				015	6	Fort Atkinson					26675
				054	6	Watertown, part					83975
				061	6	Whitewater, part					86925
				999	9	Balance of county					99999
	029	000	2	999	9	Juneau	057	6		0000	
	030	146	1			Kenosha	059	3		3800	
				024	4	Kenosha					39225
				044	6	Pleasant Prairie village					63300
				999	9	Balance of county					99999
	031	000	2	999	9	Kewaunee	061	6		0000	
	032	150	1			La Crosse	063	4		3870	
				025	4	La Crosse					40775
				042	6	Onalaska					59925
				999	9	Balance of county					99999
	033	000	2	999	9	Lafayette	065	6		0000	
	034	000	2	999	9	Langlade	067	6		0000	
	035	000	2	999	9	Lincoln	069	5		0000	

Vital Statistics Codes						FIPS Codes					
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	036	000	2			Manitowoc		071	4	0000	
				027	5	Manitowoc					48500
				053	6	Two Rivers					81325
				999	9	Balance of county					99999
	037	298	1			Marathon		073	3	8940	
				029	6	Marshfield, part					49675
				056	5	Wausau					84475
				999	9	Balance of county					99999
	038	000	2			Marinette		075	5	0000	
				028	6	Marinette					49300
				999	9	Balance of county					99999
	039	000	2			Marquette		077	6	0000	
	040	000	2			Menominee		078	6	0000	
	041	182	1			Milwaukee		079	1	5080	
				007	6	Brown Deer village					10375
				010	6	Cudahy					17975
				016	6	Franklin					27300
				018	6	Glendale					29400
				020	6	Greendale village					31125
				021	5	Greenfield					31175
				035	1	Milwaukee, part					53000
				040	6	Oak Creek					58800
				048	6	Shorewood village					73725
				049	6	South Milwaukee					75125
				057	5	Wauwatosa					84675
				058	4	West Allis					85300
				060	6	Whitefish Bay village					86700
				999	9	Balance of county					99999
	042	000	2			Monroe		081	5	0000	
	043	000	2			Oconto		083	5	0000	
	044	000	2			Oneida		085	5	0000	
	045	013	1			Outagamie		087	3	0460	
				002	4	Appleton, part					02375
				023	6	Kaukauna					38800
				999	9	Balance of county					99999
	046	182	1			Ozaukee		089	4	5080	
				008	6	Cedarburg					13375
				033	6	Meguon					51150
				999	9	Balance of county					99999
	047	000	2			Pepin		091	6	0000	
	048	183	1			Pierce		093	5	5120	
				046	6	River Falls, part					68275
				999	9	Balance of county					99999
	049	000	2			Polk		095	5	0000	
	050	000	2			Portage		097	4	0000	
				050	6	Stevens Point					77200
				999	9	Balance of county					99999
	051	000	2			Price		099	6	0000	
	052	225	1			Racine		101	3	6600	
				045	4	Racine					66000
				999	9	Balance of county					99999
	053	000	2			Richland		103	6	0000	
	054	138	1			Rock		105	3	3620	
				005	5	Beloit					06500
				022	4	Janesville					37825
				999	9	Balance of county					99999
	055	000	2			Rusk		107	6	0000	
	056	183	1			St. Croix		109	4	5120	
				046	6	River Falls, part					68275
				999	9	Balance of county					99999
	057	000	2			Sauk		111	5	0000	
	058	000	2			Sawyer		113	6	0000	
	059	000	2			Shawano		115	5	0000	
	060	262	1			Sheboygan		117	3	7620	
				047	5	Sheboygan					72975
				999	9	Balance of county					99999
	061	000	2			Taylor		119	6	0000	
	062	000	2			Trempealeau		121	5	0000	
	063	000	2			Vernon		123	5	0000	
	064	000	2			Vilas		125	6	0000	
	065	000	2			Walworth		127	4	0000	
				061	6	Whitewater, part					86925
				999	9	Balance of county					99999
	066	000	2			Washburn		129	6	0000	

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
50						Wisconsin	55				
	067	182	1			Washington		131	4	5080	
				017	6	Germantown village					28875
				035	1	Milwaukee, part					53000
				059	6	West Bend					85350
				999	9	Balance of county					99999
	068	182	1			Waukesha		133	2	5080	
				006	5	Brookfield					10025
				031	5	Menomonee Falls village					51000
				035	1	Milwaukee, part					53000
				037	6	Muskego					55275
				039	5	New Berlin					56375
				041	6	Oconomowoc					59250
				055	4	Waukesha					84250
				999	9	Balance of county					99999
	069	000	2			Waupaca		135	5	0000	
	070	000	2			Waushara		137	6	0000	
	071	013	1			Winnebago		139	3	0460	
				002	4	Appleton, part					02375
				030	6	Menasha, part					50825
				038	6	Neenah					55750
				043	4	Oshkosh					60500
				999	9	Balance of county					99999
	072	000	2			Wood		141	4	0000	
				029	6	Marshfield, part					49675
				062	6	Wisconsin Rapids					88200
				999	9	Balance of county					99999

Vital Statistics Codes					FIPS Codes						
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
51						Wyoming	56				
	001	000	2			Albany		001	5	0000	
				006	5	Laramie					45050
				999	9	Balance of county					99999
	002	000	2			Big Horn		003	6	0000	
	003	000	2			Campbell		005	5	0000	
				004	6	Gillette					31855
				999	9	Balance of county					99999
	004	000	2			Carbon		007	6	0000	
	005	000	2			Converse		009	6	0000	
	006	000	2			Crook		011	6	0000	
	007	000	2			Fremont		013	5	0000	
	008	000	2			Goshen		015	6	0000	
	009	000	2			Hot Springs		017	6	0000	
	010	000	2			Johnson		019	6	0000	
	011	054	1			Laramie		021	4	1580	
				002	4	Cheyenne					13900
				999	9	Balance of county					99999
	012	000	2			Lincoln		023	6	0000	
	013	046	1			Natrona		025	4	1350	
				001	5	Casper					13150
				999	9	Balance of county					99999
	014	000	2			Niobrara		027	6	0000	
	015	000	2			Park		029	6	0000	
	016	000	2			Platte		031	6	0000	
	017	000	2			Sheridan		033	6	0000	
				008	6	Sheridan					69845
				999	9	Balance of county					99999
	018	000	2			Sublette		035	6	0000	
	019	000	2			Sweetwater		037	5	0000	
				005	6	Green River					33740
				007	6	Rock Springs					67235
				999	9	Balance of county					99999
	020	000	2			Teton		039	6	0000	
	021	000	2			Uinta		041	6	0000	
				003	6	Evanston					25620
				999	9	Balance of county					99999
	022	000	2			Washakie		043	6	0000	
	023	000	2			Weston		045	6	0000	

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Vital Statistics Codes							FIPS Codes				
St	Cnty	P/MSA	M/NM	City	P/S	Area Names	St	Cnty	P/S	P/MSA	Place
52	ZZZ	ZZZ	Z	ZZZ	Z	Puerto Rico	00	000	Z	0000	
53	ZZZ	ZZZ	Z	ZZZ	Z	Virgin Islands	00	000	Z	0000	
54	ZZZ	ZZZ	Z	ZZZ	Z	Guam	00	000	Z	0000	
55	ZZZ	ZZZ	Z	ZZZ	Z	Canada	00	000	Z	0000	
56	ZZZ	ZZZ	Z	ZZZ	Z	Cuba	00	000	Z	0000	
57	ZZZ	ZZZ	Z	ZZZ	Z	Mexico	00	000	Z	0000	
59	ZZZ	ZZZ	Z	ZZZ	Z	Remainder of World	00	000	Z	0000	
61	ZZZ	ZZZ	Z	ZZZ	Z	American Samoa	00	000	Z	0000	
62	ZZZ	ZZZ	Z	ZZZ	Z	Northern Marianas	00	000	Z	0000	

Vital Statistics Geographic Code Outline for Puerto Rico, Virgin Islands, Guam, American Samoa and Northern Marianas

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 Puerto Rico, the Virgin Islands, or Guam. When an event occurs to a nonresident of these areas, residence data are coded only to the "State" level; each U.S. state, 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. Codes are effective with the 1994 data year and are based on results of the 1990 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:

Puerto Rico:

State (St): Puerto Rico has its own unique code. In addition, several unique codes are used to identify nonresidents of Puerto Rico.

County (Cnty): Each municipio (county equivalent) is numbered alphabetically.

P/MSA: Primary metropolitan statistical areas and metropolitan statistical areas are those established by the U.S. Office of Management and Budget (OMB) using 1990 Census population counts.

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

City or Place: No city/places in Puerto Rico are identified.

Name: Puerto Rico and each municipio are listed along with their respective codes. In addition, places used to identify nonresidents of Puerto Rico are also listed along with their codes.

FIPS: For an explanation of FIPS codes, reference should be made to various National Institute of Standards and Technology (NIST) publications.

Virgin Islands:

State (St): The Virgin Islands has its own unique code. In addition, several unique codes are used to identify nonresidents of the Virgin Islands.

County (Cnty): Several Islands (county equivalent) are numbered alphabetically.

P/MSA: None are identified in the Virgin Islands.

M/NM: No metropolitan areas are identified for the Virgin Islands.

City or Place: City/places are numbered alphabetically within each State and identify each city with a population of 10,000 or more in 1990.

P/S: Population size code for city of residence based on the 1990 Census.

Refer to the code outline given earlier in this document for specific codes and meanings.

Name: The Virgin Islands as a whole and several islands are listed along with their respective codes. In addition, places used to identify nonresidents of the Virgin Islands are also listed along with their codes.

Guam:

State (St): Guam has its own unique code. In addition, several unique codes are used to identify nonresidents of Guam.

County (Cnty): None are identified in Guam

P/MSA: None are identified in Guam.

M/NM: No metropolitan areas are identified for Guam.

City or Place: None are identified in Guam.

P/S: No population size groups are identified for Guam.

Name: Guam as a whole is listed along with its respective code. In addition, places used to identify nonresidents of Guam are also listed along with their codes.

American Samoa:

State (St): American Samoa has its own unique code. In addition, several unique codes are used to identify nonresidents of American Samoa.

County (Cnty): None are identified in American Samoa

P/MSA: None are identified in American Samoa.

M/NM: No metropolitan areas are identified for American Samoa.

City or Place: None are identified in American Samoa.

P/S: No population size groups are identified for American Samoa.

Name: American Samoa as a whole is listed along with its respective code. In addition, places used to identify nonresidents of American Samoa are also listed along with their codes.

Northern Marianas:

State (St): Northern Marianas has its own unique code. In addition, several unique codes are used to identify nonresidents of Northern Marianas.

County (Cnty): None are identified in Northern Marianas.

P/MSA: None are identified in Northern Marianas.

M/NM: No metropolitan areas are identified for Northern Marianas.

City or Place: None are identified in Northern Marianas.

P/S: No population size groups are identified for Northern Marianas.
Name: Northern Marianas as a whole is listed along with its respective code.
In addition, places used to identify nonresidents of Northern Marianas are also listed along with their codes.

Vital Statistics Geographic Code Outline For Puerto Rico,
 Virgin Islands, Guam, American Samoa and Northern Marianas
 Effective with 1998 Data

Vital Statistics Codes					Area Names	FIPS Codes			
St	Cnty	P/MSA	M/NM	City		St	Cnty	P/MSA	Place
01	000	999	9	000	Alabama	01	000	0000	00000
02	000	999	9	000	Alaska	02	000	0000	00000
03	000	999	9	000	Arizona	04	000	0000	00000
04	000	999	9	000	Arkansas	05	000	0000	00000
05	000	999	9	000	California	06	000	0000	00000
06	000	999	9	000	Colorado	08	000	0000	00000
07	000	999	9	000	Connecticut	09	000	0000	00000
08	000	999	9	000	Delaware	10	000	0000	00000
09	000	999	9	000	District of Columbia	11	000	0000	00000
10	000	999	9	000	Florida	12	000	0000	00000
11	000	999	9	000	Georgia	13	000	0000	00000
12	000	999	9	000	Hawaii	15	000	0000	00000
13	000	999	9	000	Idaho	16	000	0000	00000
14	000	999	9	000	Illinois	17	000	0000	00000
15	000	999	9	000	Indiana	18	000	0000	00000
16	000	999	9	000	Iowa	19	000	0000	00000
17	000	999	9	000	Kansas	20	000	0000	00000
18	000	999	9	000	Kentucky	21	000	0000	00000
19	000	999	9	000	Louisiana	22	000	0000	00000
20	000	999	9	000	Maine	23	000	0000	00000
21	000	999	9	000	Maryland	24	000	0000	00000
22	000	999	9	000	Massachusetts	25	000	0000	00000
23	000	999	9	000	Michigan	26	000	0000	00000
24	000	999	9	000	Minnesota	27	000	0000	00000
25	000	999	9	000	Mississippi	28	000	0000	00000
26	000	999	9	000	Missouri	29	000	0000	00000
27	000	999	9	000	Montana	30	000	0000	00000
28	000	999	9	000	Nebraska	31	000	0000	00000
29	000	999	9	000	Nevada	32	000	0000	00000
30	000	999	9	000	New Hampshire	33	000	0000	00000
31	000	999	9	000	New Jersey	34	000	0000	00000
32	000	999	9	000	New Mexico	35	000	0000	00000
33	000	999	9	000	New York	36	000	0000	00000
34	000	999	9	000	North Carolina	37	000	0000	00000
35	000	999	9	000	North Dakota	38	000	0000	00000
36	000	999	9	000	Ohio	39	000	0000	00000

Vital Statistics Codes					Area Names	FIPS Codes			
St	Cnty	P/MSA	M/NM	City		St	Cnty	P/MSA	Place
37	000	999	9	000	Oklahoma	40	000	0000	00000
38	000	999	9	000	Oregon	41	000	0000	00000
39	000	999	9	000	Pennsylvania	42	000	0000	00000
40	000	999	9	000	Rhode Island	44	000	0000	00000
41	000	999	9	000	South Carolina	45	000	0000	00000
42	000	999	9	000	South Dakota	46	000	0000	00000
43	000	999	9	000	Tennessee	47	000	0000	00000
44	000	999	9	000	Texas	48	000	0000	00000
45	000	999	9	000	Utah	49	000	0000	00000
46	000	999	9	000	Vermont	50	000	0000	00000
47	000	999	9	000	Virginia	51	000	0000	00000
48	000	999	9	000	Washington	53	000	0000	00000
49	000	999	9	000	West Virginia	54	000	0000	00000
50	000	999	9	000	Wisconsin	55	000	0000	00000
51	000	999	9	000	Wyoming	56	000	0000	00000

Vital Statistics Codes				Area Names	FIPS Codes			
St	Cnty	P/MSA	M/NM		City	St	Cnty	P/MSA	Place
52				Puerto Rico	72			
	001	000	2	999		001	0000	
	002	001	1	999		003	0060	
	003	001	1	999		005	0060	
	004	006	1	999		007	7440	
	005	000	2	999		009	0000	
	006	004	1	999		011	4840	
	007	002	1	999		013	0470	
	008	000	2	999		015	0000	
	009	006	1	999		017	7440	
	010	000	2	999		019	0000	
	011	006	1	999		021	7440	
	012	004	1	999		023	4840	
	013	003	1	999		025	1310	
	014	002	1	999		027	0470	
	015	006	1	999		029	7440	
	016	006	1	999		031	7440	
	017	006	1	999		033	7440	
	018	003	1	999		035	1310	
	019	006	1	999		037	7440	
	020	000	2	999		039	0000	
	021	003	1	999		041	1310	
	022	000	2	999		043	0000	
	023	006	1	999		045	7440	
	024	006	1	999		047	7440	
	025	000	2	999		049	0000	
	026	006	1	999		051	7440	
	027	006	1	999		053	7440	
	028	006	1	999		054	7440	
	029	000	2	999		055	0000	
	030	000	2	999		057	0000	
	031	005	1	999		059	6360	
	032	006	1	999		061	7440	
	033	003	1	999		063	1310	
	034	002	1	999		065	0470	
	035	004	1	999		067	4840	
	036	006	1	999		069	7440	
	037	000	2	999		071	0000	
	038	000	2	999		073	0000	
	039	005	1	999		075	6360	
	040	006	1	999		077	7440	
	041	000	2	999		079	0000	
	042	000	2	999		081	0000	
	043	000	2	999		083	0000	
	044	006	1	999		085	7440	
	045	006	1	999		087	7440	
	046	006	1	999		089	7440	
	047	006	1	999		091	7440	
	048	000	2	999		093	0000	
	049	000	2	999		095	0000	
	050	004	1	999		097	4840	
	051	001	1	999		099	0060	
	052	006	1	999		101	7440	
	053	006	1	999		103	7440	
	054	006	1	999		105	7440	
	055	000	2	999		107	0000	
	056	000	2	999		109	0000	
	057	005	1	999		111	6360	
	058	005	1	999		113	6360	
	059	000	2	999		115	0000	
	060	000	2	999		117	0000	
	061	006	1	999		119	7440	
	062	004	1	999		121	4840	
	063	000	2	999		123	0000	
	064	004	1	999		125	4840	
	065	006	1	999		127	7440	
	066	003	1	999		129	1310	
	067	000	2	999		131	0000	
	068	000	2	999		133	0000	
	069	006	1	999		135	7440	
	070	006	1	999		137	7440	
	071	006	1	999		139	7440	
	072	000	2	999		141	0000	
	073	006	1	999		143	7440	
	074	006	1	999		145	7440	

Vital Statistics Geographic Code Outline For Puerto Rico,
 Virgin Islands, Guam, American Samoa and Northern Marianas
 Effective With 1998 Data

Vital Statistics Codes					Area Names	FIPS Codes			
St	Cnty	P/MSA	M/NM	City		St	Cnty	P/MSA	Place
52					Puerto Rico	72			
	075	000	2	999	Vieques		147	0000	
	076	005	1	999	Villalba		149	6360	
	077	006	1	999	Yabucoa		151	7440	
	078	005	1	999	Yauco		153	6360	
53					Virgin Islands	78			
	001	000	2	999	St. Croix		010	0000	
	002	000	2	999	St. John		020	0000	
	003	000	2		St. Thomas		030	0000	
				001	Charlotte Amalie				99999
				999	Balance of area				99999
54					Guam	66			
	000	000	2		Guam		010	0000	
				000	Guam				99999
55	ZZZ	ZZZ	Z	ZZZ	Canada	00	000	0000	00000
56	ZZZ	ZZZ	Z	ZZZ	Cuba	00	000	0000	00000
57	ZZZ	ZZZ	Z	ZZZ	Mexico	00	000	0000	00000
59	ZZZ	ZZZ	Z	ZZZ	Remainder of World	00	000	0000	00000
61					American Samoa	60			
	000	000	2		American Samoa		000	0000	
				000	American Samoa				99999
62					Northern Marianas	69			
	000	000	2		Northern Marianas		000	0000	
				000	Northern Marianas				99999

List of Primary Metropolitan Statistical Areas
and their Component Counties
For the United States and Puerto Rico

Primary and Metropolitan Statistical Areas Established in 1990 Page 2
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 United States
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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
001	44		Abilene, TX, MSA	0040	
		221	Texas		48
			Taylor		441
002	36		Akron, OH, PMSA	0080	
		067	Ohio		39
		077	Portage		133
			Summit		153
003	11		Albany, GA, MSA	0120	
		047	Georgia		13
		088	Dougherty		095
			Lee		177
004	33		Albany-Schenectady-Troy, NY, MSA	0160	
			New York		36
		001	Albany		001
		027	Montgomery		057
		039	Rensselaer		083
		042	Saratoga		091
		043	Schenectady		093
		044	Schoharie		095
005	32		Albuquerque, NM, MSA	0200	
			New Mexico		35
		001	Bernalillo		001
		024	Sandoval		043
		033	Valencia		061
006	19		Alexandria, LA, MSA	0220	
			Louisiana		22
		040	Rapides		079
007	39		Allentown-Bethlehem-Easton, PA, MSA	0240	
			Pennsylvania		42
		013	Carbon		025
		039	Lehigh		077
		048	Northampton		095
008	39		Altoona, PA, MSA	0280	
			Pennsylvania		42
		007	Blair		013
009	44		Amarillo, TX, MSA	0320	
			Texas		48
		188	Potter		375
		191	Randall		381
010	02		Anchorage, AK, MSA	0380	
			Alaska		02
		003	Anchorage		020
011	23		Ann Arbor, MI, PMSA	0440	
			Michigan		26
		046	Lenawee		091
		047	Livingston		093
		081	Washtenaw		161
012	01		Anniston, AL, MSA	0450	
			Alabama		01
		008	Calhoun		015
013	50		Appleton-Oshkosh-Neenah, WI, MSA	0460	
			Wisconsin		55
		008	Calumet		015
		045	Outagamie		087
		071	Winnebago		139
014	34		Asheville, NC, MSA	0480	
			North Carolina		37
		011	Buncombe		021
		058	Madison		115

Primary and Metropolitan Statistical Areas Established in 1990 Page 3
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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
015	11		Athens, GA, MSA	0500	
		029	Georgia		13
		097	Clarke		059
		108	Madison		195
			Oconee		219
016	11		Atlanta, GA, MSA	0520	
		007	Georgia		13
		008	Barrow		013
		022	Bartow		015
		028	Carroll		045
		031	Cherokee		057
		033	Clayton		063
		038	Cobb		067
		044	Coweta		077
		048	De Kalb		089
		056	Douglas		097
		058	Fayette		113
		060	Forsyth		117
		067	Fulton		121
		075	Gwinnett		135
		107	Henry		151
		110	Newton		217
		112	Paulding		223
		122	Pickens		227
		126	Rockdale		247
		147	Spalding		255
			Walton		297
017	31		Atlantic-Cape May, NJ, PMSA	0560	
		001	New Jersey		34
		005	Atlantic		001
			Cape May		009
018	11		Augusta-Aiken, GA-SC, MSA	0600	
		036	Georgia		13
		094	Columbia		073
		121	McDuffie		189
			Richmond		245
	41		South Carolina		45
		002	Aiken		003
		019	Edgefield		037
019	44		Austin-San Marcos, TX, MSA	0640	
		011	Texas		48
		028	Bastrop		021
		105	Caldwell		055
		227	Hays		209
		246	Travis		453
			Williamson		491
020	05		Bakersfield, CA, MSA	0680	
		015	California		06
			Kern		029
021	21		Baltimore, MD, PMSA	0720	
		002	Maryland		24
		003	Anne Arundel		003
		004	Baltimore		005
		007	Baltimore city		510
		013	Carroll		013
		014	Harford		025
		018	Howard		027
			Queen Anne's		035
022	20		Bangor, ME, NECMA	0733	
		010	Maine		23
			Penobscot		019
023	22		Barnstable-Yarmouth, MA, NECMA	0743	
		001	Massachusetts		25
			Barnstable		001

Primary and Metropolitan Statistical Areas Established in 1990 Page 4
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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
024	19		Baton Rouge, LA, MSA	0760		
			Louisiana		22	
		003	Ascension			005
		017	East Baton Rouge			033
		032	Livingston			063
		061	West Baton Rouge			121
025	44		Beaumont-Port Arthur, TX, MSA	0840		
			Texas		48	
		100	Hardin			199
		123	Jefferson			245
		181	Orange			361
026	48		Bellingham, WA, MSA	0860		
			Washington		53	
		037	Whatcom			073
027	23		Benton Harbor, MI, MSA	0870		
			Michigan		26	
		011	Berrien			021
028	31		Bergen-Passaic, NJ, PMSA	0875		
			New Jersey		34	
		002	Bergen			003
		016	Passaic			031
029	27		Billings, MT, MSA	0880		
			Montana		30	
		056	Yellowstone			111
030	25		Biloxi-Gulfport-Pascagoula, MS, MSA	0920		
			Mississippi		28	
		023	Hancock			045
		024	Harrison			047
		030	Jackson			059
031	33		Binghamton, NY, MSA	0960		
			New York		36	
		003	Broome			007
		050	Tioga			107
032	01		Birmingham, AL, MSA	1000		
			Alabama		01	
		005	Blount			009
		037	Jefferson			073
		058	St. Clair			115
		059	Shelby			117
033	35		Bismarck, ND, MSA	1010		
			North Dakota		38	
		008	Burleigh			015
		030	Morton			059
034	15		Bloomington, IN, MSA	1020		
			Indiana		18	
		053	Monroe			105
035	14		Bloomington-Normal, IL, MSA	1040		
			Illinois		17	
		057	McLean			113
036	13		Boise City, ID, MSA	1080		
			Idaho		16	
		001	Ada			001
		014	Canyon			027

Primary and Metropolitan Statistical Areas Established in 1990 Page 5
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Vital Statistics Codes			P/MSA Name and County Components	FIPS	Codes	
P/MSA	State	County		P/MSA	State	Cnty
037	22		Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH Massachusetts	1123	25	
		003	Bristol			005
		005	Essex			009
		009	Middlesex			017
		011	Norfolk			021
		012	Plymouth			023
		013	Suffolk			025
		014	Worcester			027
	30		New Hampshire		33	
		006	Hillsborough			011
		008	Rockingham			015
		009	Strafford			017
038	06		Boulder-Longmont, CO, PMSA Colorado	1125	08	
		007	Boulder			013
039	44		Brazoria, TX, PMSA Texas	1145	48	
		020	Brazoria			039
040	48		Bremerton, WA, PMSA Washington	1150	53	
		018	Kitsap			035
041	44		Brownsville-Harlingen-San Benito, TX, MSA Texas	1240	48	
		031	Cameron			061
042	44		Bryan-College Station, TX, MSA Texas	1260	48	
		021	Brazos			041
043	33		Buffalo-Niagara Falls, NY, MSA New York	1280	36	
		014	Erie			029
		030	Niagara			063
044	46		Burlington, VT, NECMA Vermont	1303	50	
		004	Chittenden			007
		006	Franklin			011
		007	Grand Isle			013
045	36		Canton-Massillon, OH, MSA Ohio	1320	39	
		010	Carrroll			019
		076	Stark			151
046	51		Casper, WY, MSA Wyoming	1350	56	
		013	Natrona			025
047	16		Cedar Rapids, IA, MSA Iowa	1360	19	
		057	Linn			113
048	14		Champaign-Urbana, IL, MSA Illinois	1400	17	
		010	Champaign			019
049	41		Charleston-North Charleston, SC, MSA South Carolina	1440	45	
		008	Berkeley			015
		010	Charleston			019
		018	Dorchester			035
050	49		Charleston, WV, MSA West Virginia	1480	54	
		020	Kanawha			039
		040	Putnam			079

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
051	34		Charlotte-Gastonia-Rock Hill, NC-SC, MSA	1520	
			North Carolina		37
		013	Cabarrus		025
		036	Gaston		071
		055	Lincoln		109
		060	Mecklenburg		119
		080	Rowan		159
		090	Union		179
	41		South Carolina		45
		046	York		091
052			Charlottesville, VA, MSA	1540	
	47		Virginia		51
		002	Albemarle		003
		025	Charlottesville city		540
		045	Fluvanna		065
		055	Greene		079
053			Chattanooga, TN-GA, MSA	1560	
	11		Georgia		13
		023	Catoosa		047
		041	Dade		083
		146	Walker		295
	43		Tennessee		47
		033	Hamilton		065
		058	Marion		115
054			Cheyenne, WY, MSA	1580	
	51		Wyoming		56
		011	Laramie		021
055			Chicago, IL, PMSA	1600	
	14		Illinois		17
		016	Cook		031
		019	De Kalb		037
		022	Du Page		043
		032	Grundy		063
		045	Kane		089
		047	Kendall		093
		049	Lake		097
		056	McHenry		111
		099	Will		197
056			Chico-Paradise, CA, MSA	1620	
	05		California		06
		004	Butte		007
057			Cincinnati, OH-KY-IN, PMSA	1640	
	15		Indiana		18
		015	Dearborn		029
		058	Ohio		115
	18		Kentucky		21
		008	Boone		015
		019	Campbell		037
		039	Gallatin		077
		041	Grant		081
		059	Kenton		117
		096	Pendleton		191
	36		Ohio		39
		008	Brown		015
		013	Clermont		025
		031	Hamilton		061
		083	Warren		165
058			Clarksville-Hopkinsville, TN-KY, MSA	1660	
	18		Kentucky		21
		024	Christian		047
	43		Tennessee		47
		063	Montgomery		125

Primary and Metropolitan Statistical Areas Established in 1990 Page 7
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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
059	36		Cleveland-Lorain-Elyria, OH, PMSA	1680	
			Ohio		39
		004	Ashtabula		007
		018	Cuyahoga		035
		028	Geauga		055
		043	Lake		085
		047	Lorain		093
		052	Medina		103
060	06		Colorado Springs, CO, MSA	1720	
			Colorado		08
		021	El Paso		041
061	26		Columbia, MO, MSA	1740	
			Missouri		29
		010	Boone		019
062	41		Columbia, SC, MSA	1760	
			South Carolina		45
		032	Lexington		063
		040	Richland		079
063	01		Columbus, GA-AL, MSA	1800	
			Alabama		01
		057	Russell		113
		11	Georgia		13
		026	Chattahoochee		053
		072	Harris		145
		106	Muscogee		215
064	36		Columbus, OH, MSA	1840	
			Ohio		39
		021	Delaware		041
		023	Fairfield		045
		025	Franklin		049
		045	Licking		089
		049	Madison		097
		065	Pickaway		129
065	44		Corpus Christi, TX, MSA	1880	
			Texas		48
		178	Nueces		355
		205	San Patricio		409
066	21		Cumberland, MD-WV, MSA	1900	
			Maryland		24
		001	Allegany		001
		49	West Virginia		54
		029	Mineral		057
067	44		Dallas, TX, PMSA	1920	
			Texas		48
		043	Collin		085
		057	Dallas		113
		061	Denton		121
		070	Ellis		139
		107	Henderson		213
		116	Hunt		231
		129	Kaufman		257
		199	Rockwall		397
068	47		Danville, VA, MSA	1950	
			Virginia		51
		035	Danville city		590
		097	Pittsylvania		143
069	14		Davenport-Moline-Rock Island, IA-IL, MSA	1960	
			Illinois		17
		037	Henry		073
		081	Rock Island		161
		16	Iowa		19
		082	Scott		163

Primary and Metropolitan Statistical Areas Established in 1990 Page 8
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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
070	36		Dayton-Springfield, OH, MSA	2000	39	
		012	Ohio			
			Clark			023
		029	Greene			057
		055	Miami			109
		057	Montgomery			113
071	10		Daytona Beach, FL, MSA	2020	12	
			Florida			
		018	Flagler			035
		064	Volusia			127
072	01		Decatur, AL, MSA	2030	01	
			Alabama			
		040	Lawrence			079
		052	Morgan			103
073	14		Decatur, IL, MSA	2040	17	
			Illinois			
		058	Macon			115
074	06		Denver, CO, PMSA	2080	08	
			Colorado			
		001	Adams			001
		003	Arapahoe			005
		016	Denver			031
		018	Douglas			035
		030	Jefferson			059
075	16		Des Moines, IA, MSA	2120	19	
			Iowa			
		025	Dallas			049
		077	Polk			153
		091	Warren			181
076	23		Detroit, MI, PMSA	2160	26	
			Michigan			
		044	Lapeer			087
		050	Macomb			099
		058	Monroe			115
		063	Oakland			125
		074	St. Clair			147
		082	Wayne			163
077	01		Dothan, AL, MSA	2180	01	
			Alabama			
		023	Dale			045
		035	Houston			069
078	08		Dover, DE, MSA	2190	10	
			Delaware			
		001	Kent			001
079	16		Dubuque, IA, MSA	2200	19	
			Iowa			
		031	Dubuque			061
080	24		Duluth-Superior, MN-WI, MSA	2240	27	
			Minnesota			
		069	St. Louis			137
			Wisconsin			
		016	Douglas			031
081	33		Dutchess County, NY, PMSA	2281	36	
			New York			
		013	Dutchess			027
082	50		Eau Claire, WI, MSA	2290	55	
			Wisconsin			
		009	Chippewa			017
		018	Eau Claire			035

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
083	44		El Paso, TX, MSA	2320		
		071	Texas El Paso		48	141
084	15		Elkhart-Goshen, IN, MSA	2330		
		020	Indiana Elkhart		18	039
085	33		Elmira, NY, MSA	2335		
		007	New York Chemung		36	015
086	37		Enid, OK, MSA	2340		
		024	Oklahoma Garfield		40	047
087	39		Erie, PA, MSA	2360		
		025	Pennsylvania Erie		42	049
088	38		Eugene-Springfield, OR, MSA	2400		
		020	Oregon Lane		41	039
089	15		Evansville-Henderson, IN-KY, MSA	2440		
		065	Indiana Posey		18	129
		082	Vanderburgh			163
		087	Warrick			173
	18		Kentucky Henderson		21	101
090	24		Fargo-Moorhead, ND-MN, MSA	2520		
		014	Minnesota Clay		27	027
	35		North Dakota Cass		38	017
091	34		Fayetteville, NC, MSA	2560		
		026	North Carolina Cumberland		37	051
092	04		Fayetteville-Springdale-Rogers, AR, MSA	2580		
		004	Arkansas Benton		05	007
		072	Washington			143
093	23		Flint, MI, PMSA	2640		
		025	Michigan Genesee		26	049
094	01		Florence, AL, MSA	2650		
		017	Alabama Colbert		01	033
		039	Lauderdale			077
095	41		Florence, SC, MSA	2655		
		021	South Carolina Florence		45	041
096	06		Fort Collins-Loveland, CO, MSA	2670		
		035	Colorado Larimer		08	069
097	10		Fort Lauderdale, FL, PMSA	2680		
		006	Florida Broward		12	011
098	10		Fort Myers-Cape Coral, FL, MSA	2700		
		036	Florida Lee		12	071

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
099	10		Fort Pierce-Port St. Lucie, FL, MSA	2710	
		043	Florida		12
		056	Martin		085
100			St. Lucie		111
	04		Fort Smith, AR-OK, MSA	2720	
		017	Arkansas		05
		066	Crawford		033
	37		Sebastian		131
		068	Oklahoma		40
101			Sequoyah		135
	10		Fort Walton Beach, FL, MSA	2750	
		046	Florida		12
102			Okaloosa		091
	15		Fort Wayne, IN, MSA	2760	
		001	Indiana		18
		002	Adams		001
		017	Allen		003
		035	De Kalb		033
		090	Huntington		069
		092	Wells		179
103			Whitley		183
	44		Fort Worth-Arlington, TX, PMSA	2800	
		111	Texas		48
		126	Hood		221
		184	Johnson		251
		220	Parker		367
104			Tarrant		439
	05		Fresno, CA, MSA	2840	
		010	California		06
		020	Fresno		019
105			Madera		039
	01		Gadsden, AL, MSA	2880	
		028	Alabama		01
106			Etowah		055
	10		Gainesville, FL, MSA	2900	
		001	Florida		12
107			Alachua		001
	44		Galveston-Texas City, TX, PMSA	2920	
		084	Texas		48
108			Galveston		167
	15		Gary, IN, PMSA	2960	
		045	Indiana		18
		064	Lake		089
109			Porter		127
	33		Glens Falls, NY, MSA	2975	
		053	New York		36
		054	Warren		113
110			Washington		115
	34		Goldsboro, NC, MSA	2980	
		096	North Carolina		37
111			Wayne		191
	24		Grand Forks, ND-MN, MSA	2985	
		060	Minnesota		27
	35		Polk		119
		018	North Dakota		38
			Grand Forks		035

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
112	23		Grand Rapids-Muskegon-Holland, MI, MSA	3000		
			Michigan		26	
		003	Allegan			005
		041	Kent			081
		061	Muskegon			121
		070	Ottawa			139
113	27		Great Falls, MT, MSA	3040		
			Montana		30	
		007	Cascade			013
114	06		Greeley, CO, PMSA	3060		
			Colorado		08	
		062	Weld			123
115	50		Green Bay, WI, MSA	3080		
			Wisconsin		55	
		005	Brown			009
116	34		Greensboro--Winston-Salem--High Point, NC, MSA	3120		
			North Carolina		37	
		001	Alamance			001
		029	Davidson			057
		030	Davie			059
		034	Forsyth			067
		041	Guilford			081
		076	Randolph			151
		085	Stokes			169
		099	Yadkin			197
117	34		Greenville, NC, MSA	3150		
			North Carolina		37	
		074	Pitt			147
118	41		Greenville-Spartanburg-Anderson, SC, MSA	3160		
			South Carolina		45	
		004	Anderson			007
		011	Cherokee			021
		023	Greenville			045
		039	Pickens			077
		042	Spartanburg			083
119	21		Hagerstown, MD, PMSA	3180		
			Maryland		24	
		022	Washington			043
120	36		Hamilton-Middletown, OH, PMSA	3200		
			Ohio		39	
		009	Butler			017
121	39		Harrisburg-Lebanon-Carlisle, PA, MSA	3240		
			Pennsylvania		42	
		021	Cumberland			041
		022	Dauphin			043
		038	Lebanon			075
		050	Perry			099
122	07		Hartford, CT, NECMA	3283		
			Connecticut		09	
		002	Hartford			003
		004	Middlesex			007
		007	Tolland			013
123	25		Hattiesburg, MS, MSA	3285		
			Mississippi		28	
		018	Forrest			035
		037	Lamar			073
124	34		Hickory-Morganton, NC, MSA	3290		
			North Carolina		37	
		002	Alexander			003
		012	Burke			023
		014	Caldwell			027
		018	Catawba			035

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Vital Statistics Codes			P/MSA Name and County Components	FIPS	Codes	
P/MSA	State	County		P/MSA	State	Cnty
125	12		Honolulu, HI, MSA	3320		
			Hawaii		15	
		002	Honolulu			003
126	19		Houma, LA, MSA	3350		
			Louisiana		22	
		029	Lafourche			057
		055	Terrebonne			109
127	44		Houston, TX, PMSA	3360		
			Texas		48	
		036	Chambers			071
		079	Fort Bend			157
		101	Harris			201
		146	Liberty			291
		170	Montgomery			339
		237	Waller			473
128	18		Huntington-Ashland, WV-KY-OH, MSA	3400		
			Kentucky		21	
		010	Boyd			019
		022	Carter			043
		045	Greenup			089
	36		Ohio		39	
		044	Lawrence			087
	49		West Virginia		54	
		006	Cabell			011
		050	Wayne			099
129	01		Huntsville, AL, MSA	3440		
			Alabama		01	
		042	Limestone			083
		045	Madison			089
130	15		Indianapolis, IN, MSA	3480		
			Indiana		18	
		006	Boone			011
		029	Hamilton			057
		030	Hancock			059
		032	Hendricks			063
		041	Johnson			081
		048	Madison			095
		049	Marion			097
		055	Morgan			109
		073	Shelby			145
131	16		Iowa City, IA, MSA	3500		
			Iowa		19	
		052	Johnson			103
132	23		Jackson, MI, MSA	3520		
			Michigan		26	
		038	Jackson			075
133	25		Jackson, MS, MSA	3560		
			Mississippi		28	
		025	Hinds			049
		045	Madison			089
		061	Rankin			121
134	43		Jackson, TN, MSA	3580		
			Tennessee		47	
		057	Madison			113
135	10		Jacksonville, FL, MSA	3600		
			Florida		12	
		010	Clay			019
		016	Duval			031
		045	Nassau			089
		055	St. Johns			109
136	34		Jacksonville, NC, MSA	3605		
			North Carolina		37	
		067	Onslow			133

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
137	33		Jamestown, NY, MSA	3610		
		006	New York Chautauqua		36	013
138	50		Janesville-Beloit, WI, MSA	3620		
		054	Wisconsin Rock		55	105
139	31		Jersey City, NJ, PMSA	3640		
		009	New Jersey Hudson		34	017
140	43		Johnson City-Kingsport-Bristol, TN-VA, MSA	3660		
		010	Tennessee Carter		47	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
141	39		Johnstown, PA, MSA	3680		
		011	Pennsylvania Cambria		42	021
		056	Somerset			111
142	26		Joplin, MO, MSA	3710		
		049	Missouri Jasper		29	097
		073	Newton			145
143	23		Kalamazoo-Battle Creek, MI, MSA	3720		
		013	Michigan Calhoun		26	025
		039	Kalamazoo			077
		080	Van Buren			159
144	14		Kankakee, IL, PMSA	3740		
		046	Illinois Kankakee		17	091
145	17		Kansas City, MO-KS, MSA	3760		
		046	Kansas Johnson		20	091
		052	Leavenworth			103
		061	Miami			121
		105	Wyandotte			209
	26		Missouri		29	
		019	Cass			037
		024	Clay			047
		025	Clinton			049
		048	Jackson			095
		054	Lafayette			107
		083	Platte			165
		089	Ray			177
146	50		Kenosha, WI, PMSA	3800		
		030	Wisconsin Kenosha		55	059
147	44		Killeen-Temple, TX, MSA	3810		
		014	Texas Bell		48	027
		050	Coryell			099

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
148	43		Knoxville, TN, MSA	3840	
			Tennessee		47
		001	Anderson		001
		005	Blount		009
		047	Knox		093
		053	Loudon		105
		078	Sevier		155
		087	Union		173
149	15		Kokomo, IN, MSA	3850	
			Indiana		18
		034	Howard		067
		080	Tipton		159
150	24		La Crosse, WI-MN, MSA	3870	
			Minnesota		27
		028	Houston		055
		50	Wisconsin		55
		032	La Crosse		063
151	19		Lafayette, LA, MSA	3880	
			Louisiana		22
		001	Acadia		001
		028	Lafayette		055
		049	St. Landry		097
		050	St. Martin		099
152	15		Lafayette, IN, MSA	3920	
			Indiana		18
		012	Clinton		023
		079	Tippecanoe		157
153	19		Lake Charles, LA, MSA	3960	
			Louisiana		22
		010	Calcasieu		019
154	10		Lakeland-Winter Haven, FL, MSA	3980	
			Florida		12
		053	Polk		105
155	39		Lancaster, PA, MSA	4000	
			Pennsylvania		42
		036	Lancaster		071
156	23		Lansing-East Lansing, MI, MSA	4040	
			Michigan		26
		019	Clinton		037
		023	Eaton		045
		033	Ingham		065
157	44		Laredo, TX, MSA	4080	
			Texas		48
		240	Webb		479
158	32		Las Cruces, NM, MSA	4100	
			New Mexico		35
		008	Dona Ana		013
159	03		Las Vegas, NV-AZ, MSA	4120	
			Arizona		04
		009	Mohave		015
		29	Nevada		32
		003	Clark		003
		013	Nye		023
160	17		Lawrence, KS, MSA	4150	
			Kansas		20
		023	Douglas		045
161	37		Lawton, OK, MSA	4200	
			Oklahoma		40
		016	Comanche		031

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
162	20		Lewiston-Auburn, ME, NECMA	4243		
			Maine		23	
		001	Androscoggin			001
163	18		Lexington, KY, MSA	4280		
			Kentucky		21	
		009	Bourbon			017
		025	Clark			049
		034	Fayette			067
		057	Jessamine			113
		076	Madison			151
		105	Scott			209
		120	Woodford			239
164	36		Lima, OH, MSA	4320		
			Ohio		39	
		002	Allen			003
		006	Auglaize			011
165	28		Lincoln, NE, MSA	4360		
			Nebraska		31	
		055	Lancaster			109
166	04		Little Rock-North Little Rock, AR, MSA	4400		
			Arkansas		05	
		023	Faulkner			045
		043	Lonoke			085
		060	Pulaski			119
		063	Saline			125
167	44		Longview-Marshall, TX, MSA	4420		
			Texas		48	
		092	Gregg			183
		102	Harrison			203
		230	Upshur			459
168	05		Los Angeles-Long Beach, CA, PMSA	4480		
			California		06	
		019	Los Angeles			037
169	15		Louisville, KY-IN, MSA	4520		
			Indiana		18	
		010	Clark			019
		022	Floyd			043
		031	Harrison			061
		072	Scott			143
			Kentucky		21	
		015	Bullitt			029
		056	Jefferson			111
		093	Oldham			185
170	44		Lubbock, TX, MSA	4600		
			Texas		48	
		152	Lubbock			303
171	47		Lynchburg, VA, MSA	4640		
			Virginia		51	
		006	Amherst			009
		011	Bedford			019
		012	Bedford city			515
		020	Campbell			031
		076	Lynchburg city			680
172	11		Macon, GA, MSA	4680		
			Georgia		13	
		011	Bibb			021
		076	Houston			153
		084	Jones			169
		111	Peach			225
		143	Twiggs			289
173	50		Madison, WI, MSA	4720		
			Wisconsin		55	
		013	Dane			025

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
174	36		Mansfield, OH, MSA	4800		
			Ohio		39	
		017	Crawford			033
		070	Richland			139
175	44		McAllen-Edinburg-Mission, TX, MSA	4880		
			Texas		48	
		108	Hidalgo			215
176	38		Medford-Ashland, OR, MSA	4890		
			Oregon		41	
		015	Jackson			029
177	10		Melbourne-Titusville-Palm Bay, FL, MSA	4900		
			Florida		12	
		005	Brevard			009
178	04		Memphis, TN-AR-MS, MSA	4920		
			Arkansas		05	
		018	Crittenden			035
		25	Mississippi		28	
		017	De Soto			033
		43	Tennessee		47	
		024	Fayette			047
		079	Shelby			157
		084	Tipton			167
179	05		Merced, CA, MSA	4940		
			California		06	
		024	Merced			047
180	10		Miami, FL, PMSA	5000		
			Florida		12	
		013	Dade			025
181	31		Middlesex-Somerset-Hunterdon, NJ, PMSA	5015		
			New Jersey		34	
		010	Hunterdon			019
		012	Middlesex			023
		018	Somerset			035
182	50		Milwaukee-Waukesha, WI, PMSA	5080		
			Wisconsin		55	
		041	Milwaukee			079
		046	Ozaukee			089
		067	Washington			131
		068	Waukesha			133
183	24		Minneapolis-St. Paul, MN-WI, MSA	5120		
			Minnesota		27	
		002	Anoka			003
		010	Carver			019
		013	Chisago			025
		019	Dakota			037
		027	Hennepin			053
		030	Isanti			059
		062	Ramsey			123
		070	Scott			139
		071	Sherburne			141
		082	Washington			163
		086	Wright			171
			Wisconsin		55	
		048	Pierce			093
		056	St. Croix			109
184	01		Mobile, AL, MSA	5160		
			Alabama		01	
		002	Baldwin			003
		049	Mobile			097
185	05		Modesto, CA, MSA	5170		
			California		06	
		050	Stanislaus			099

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
186	31		Monmouth-Ocean, NJ, PMSA	5190		
			New Jersey		34	
		013	Monmouth			025
		015	Ocean			029
187	19		Monroe, LA, MSA	5200		
			Louisiana		22	
		037	Ouachita			073
188	01		Montgomery, AL, MSA	5240		
			Alabama		01	
		001	Autauga			001
		026	Elmore			051
		051	Montgomery			101
189	15		Muncie, IN, MSA	5280		
			Indiana		18	
		018	Delaware			035
190	41		Myrtle Beach, SC, MSA	5330		
			South Carolina		45	
		026	Horry			051
191	10		Naples, FL, MSA	5345		
			Florida		12	
		011	Collier			021
192	43		Nashville, TN, MSA	5360		
			Tennessee		47	
		011	Cheatham			021
		019	Davidson			037
		022	Dickson			043
		074	Robertson			147
		075	Rutherford			149
		083	Sumner			165
		094	Williamson			187
		095	Wilson			189
193	33		Nassau-Suffolk, NY, PMSA	5380		
			New York		36	
		028	Nassau			059
		048	Suffolk			103
194	07		New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT, NECMA	5483		
			Connecticut		09	
		001	Fairfield			001
		005	New Haven			009
195	07		New London-Norwich, CT, NECMA	5523		
			Connecticut		09	
		006	New London			011
196	19		New Orleans, LA, MSA	5560		
			Louisiana		22	
		026	Jefferson			051
		036	Orleans			071
		038	Plaquemines			075
		044	St. Bernard			087
		045	St. Charles			089
		047	St. James			093
		048	St. John the Baptist			095
		052	St. Tammany			103
197	33		New York, NY, PMSA	5600		
			New York		36	
		029	New York city			005
		038	Putnam			079
		040	Rockland			087
		056	Westchester			119

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
198	31		Newark, NJ, PMSA	5640	
			New Jersey		34
		007	Essex		013
		014	Morris		027
		019	Sussex		037
		020	Union		039
		021	Warren		041
199			Newburgh, NY-PA, PMSA	5660	
	33		New York		36
		034	Orange		071
	39		Pennsylvania		42
		052	Pike		103
200			Norfolk-Virginia Beach-Newport News, VA-NC, MSA	5720	
	34		North Carolina		37
		027	Currituck		053
	47		Virginia		51
		026	Chesapeake city		550
		052	Gloucester		073
		058	Hampton city		650
		065	Isle of Wight		093
		066	James City		095
		081	Mathews		115
		087	Newport News city		700
		088	Norfolk city		710
		098	Poquoson city		735
		099	Portsmouth city		740
		123	Suffolk city		800
		127	Virginia Beach city		810
		132	Williamsburg city		830
		136	York		199
201			Oakland, CA, PMSA	5775	
	05		California		06
		001	Alameda		001
		007	Contra Costa		013
202			Ocala, FL, MSA	5790	
	10		Florida		12
		042	Marion		083
203			Odessa-Midland, TX, MSA	5800	
	44		Texas		48
		068	Ector		135
		165	Midland		329
204			Oklahoma City, OK, MSA	5880	
	37		Oklahoma		40
		009	Canadian		017
		014	Cleveland		027
		042	Logan		083
		044	McClain		087
		055	Oklahoma		109
		063	Pottawatomie		125
205			Olympia, WA, PMSA	5910	
	48		Washington		53
		034	Thurston		067
206			Omaha, NE-IA, MSA	5920	
	16		Iowa		19
		078	Pottawattamie		155
	28		Nebraska		31
		013	Cass		025
		028	Douglas		055
		077	Sarpy		153
		089	Washington		177
207			Orange County, CA, PMSA	5945	
	05		California		06
		030	Orange		059

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
208	10		Orlando, FL, MSA	5960		
			Florida		12	
		035	Lake			069
		048	Orange			095
		049	Osceola			097
		059	Seminole			117
209	18		Owensboro, KY, MSA	5990		
			Kentucky		21	
		030	Daviess			059
210	10		Panama City, FL, MSA	6015		
			Florida		12	
		003	Bay			005
211	36		Parkersburg-Marietta, WV-OH, MSA	6020		
			Ohio		39	
		084	Washington			167
		49	West Virginia		54	
		054	Wood			107
212	10		Pensacola, FL, MSA	6080		
			Florida		12	
		017	Escambia			033
		057	Santa Rosa			113
213	14		Peoria-Pekin, IL, MSA	6120		
			Illinois		17	
		072	Peoria			143
		090	Tazewell			179
		102	Woodford			203
214	31		Philadelphia, PA-NJ, PMSA	6160		
			New Jersey		34	
		003	Burlington			005
		004	Camden			007
		008	Gloucester			015
		017	Salem			033
			Pennsylvania		42	
		009	Bucks			017
		015	Chester			029
		023	Delaware			045
		046	Montgomery			091
		051	Philadelphia			101
215	03		Phoenix-Mesa, AZ, MSA	6200		
			Arizona		04	
		008	Maricopa			013
		012	Pinal			021
216	04		Pine Bluff, AR, MSA	6240		
			Arkansas		05	
		035	Jefferson			069
217	39		Pittsburgh, PA, MSA	6280		
			Pennsylvania		42	
		002	Allegheny			003
		004	Beaver			007
		010	Butler			019
		026	Fayette			051
		063	Washington			125
		065	Westmoreland			129
218	22		Pittsfield, MA, NECMA	6323		
			Massachusetts		25	
		002	Berkshire			003
219	20		Portland, ME, NECMA	6403		
			Maine		23	
		003	Cumberland			005

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
220	38		Portland-Vancouver, OR-WA, PMSA	6440		
			Oregon		41	
		003	Clackamas			005
		005	Columbia			009
		026	Multnomah			051
		034	Washington			067
		036	Yamhill			071
	48		Washington		53	
		006	Clark			011
221	40		Providence-Warwick-Pawtucket, RI, NECMA	6483		
			Rhode Island		44	
		001	Bristol			001
		002	Kent			003
		004	Providence			007
		005	Washington			009
222	45		Provo-Orem, UT, MSA	6520		
			Utah		49	
		025	Utah			049
223	06		Pueblo, CO, MSA	6560		
			Colorado		08	
		051	Pueblo			101
224	10		Punta Gorda, FL, MSA	6580		
			Florida		12	
		008	Charlotte			015
225	50		Racine, WI, PMSA	6600		
			Wisconsin		55	
		052	Racine			101
226	34		Raleigh-Durham-Chapel Hill, NC, MSA	6640		
			North Carolina		37	
		019	Chatham			037
		032	Durham			063
		035	Franklin			069
		051	Johnston			101
		068	Orange			135
		092	Wake			183
227	42		Rapid City, SD, MSA	6660		
			South Dakota		46	
		051	Pennington			103
228	39		Reading, PA, MSA	6680		
			Pennsylvania		42	
		006	Berks			011
229	05		Redding, CA, MSA	6690		
			California		06	
		045	Shasta			089
230	29		Reno, NV, MSA	6720		
			Nevada		32	
		016	Washoe			031
231	48		Richland-Kennewick-Pasco, WA, MSA	6740		
			Washington		53	
		003	Benton			005
		011	Franklin			021

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
232	47		Richmond-Petersburg, VA, MSA	6760	
			Virginia		51
		023	Charles City		036
		027	Chesterfield		041
		030	Colonial Heights city		570
		037	Dinwiddie		053
		053	Goochland		075
		059	Hanover		085
		061	Henrico		087
		064	Hopewell city		670
		086	New Kent		127
		096	Petersburg city		730
		100	Powhatan		145
		102	Prince George		149
		108	Richmond city		760
233	05		Riverside-San Bernardino, CA, PMSA	6780	
			California		06
		033	Riverside		065
		036	San Bernardino		071
234	47		Roanoke, VA, MSA	6800	
			Virginia		51
		014	Botetourt		023
		109	Roanoke		161
		110	Roanoke city		770
		114	Salem city		775
235	24		Rochester, MN, MSA	6820	
			Minnesota		27
		055	Olmsted		109
236	33		Rochester, NY, MSA	6840	
			New York		36
		018	Genesee		037
		024	Livingston		051
		026	Monroe		055
		033	Ontario		069
		035	Orleans		073
		055	Wayne		117
237	14		Rockford, IL, MSA	6880	
			Illinois		17
		004	Boone		007
		071	Ogle		141
		101	Winnebago		201
238	34		Rocky Mount, NC, MSA	6895	
			North Carolina		37
		033	Edgecombe		065
		064	Nash		127
239	05		Sacramento, CA, PMSA	6920	
			California		06
		009	El Dorado		017
		031	Placer		061
		034	Sacramento		067
240	23		Saginaw-Bay City-Midland, MI, MSA	6960	
			Michigan		26
		009	Bay		017
		056	Midland		111
		073	Saginaw		145
241	24		St. Cloud, MN, MSA	6980	
			Minnesota		27
		005	Benton		009
		073	Stearns		145
242	26		St. Joseph, MO, MSA	7000	
			Missouri		29
		002	Andrew		003
		011	Buchanan		021

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
243	14		St. Louis, MO-IL, MSA	7040	
			Illinois		17
		014	Clinton		027
		042	Jersey		083
		060	Madison		119
		067	Monroe		133
		082	St. Clair		163
	26		Missouri		29
		036	Franklin		071
		050	Jefferson		099
		057	Lincoln		113
		092	St. Charles		183
		095	St. Louis		189
		096	St. Louis city		510
		110	Warren		219
244	38		Salem, OR, PMSA	7080	
			Oregon		41
		024	Marion		047
		027	Polk		053
245	05		Salinas, CA, MSA	7120	
			California		06
		027	Monterey		053
246	45		Salt Lake City-Ogden, UT, MSA	7160	
			Utah		49
		006	Davis		011
		018	Salt Lake		035
		029	Weber		057
247	44		San Angelo, TX, MSA	7200	
			Texas		48
		226	Tom Green		451
248	44		San Antonio, TX, MSA	7240	
			Texas		48
		015	Bexar		029
		046	Comal		091
		094	Guadalupe		187
		247	Wilson		493
249	05		San Diego, CA, MSA	7320	
			California		06
		037	San Diego		073
250	05		San Francisco, CA, PMSA	7360	
			California		06
		021	Marin		041
		038	San Francisco		075
		041	San Mateo		081
251	05		San Jose, CA, PMSA	7400	
			California		06
		043	Santa Clara		085
252	05		San Luis Obispo-Atascadero-Paso Robles, CA, MSA	7460	
			California		06
		040	San Luis Obispo		079
253	05		Santa Barbara-Santa Maria-Lompoc, CA, MSA	7480	
			California		06
		042	Santa Barbara		083
254	05		Santa Cruz-Watsonville, CA, PMSA	7485	
			California		06
		044	Santa Cruz		087
255	32		Santa Fe, NM, MSA	7490	
			New Mexico		35
		016	Los Alamos		028
		027	Santa Fe		049

Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
256	05		Santa Rosa, CA, PMSA	7500	
		049	California		06
			Sonoma		097
257	10		Sarasota-Bradenton, FL, MSA	7510	
		041	Florida		12
			Manatee		081
		058	Sarasota		115
258	11		Savannah, GA, MSA	7520	
			Georgia		13
		015	Bryan		029
		025	Chatham		051
		051	Effingham		103
259	39		Scranton--Wilkes-Barre--Hazleton, PA, MSA	7560	
			Pennsylvania		42
		019	Columbia		037
		035	Lackawanna		069
		040	Luzerne		079
		066	Wyoming		131
260	48		Seattle-Bellevue-Everett, WA, PMSA	7600	
			Washington		53
		015	Island		029
		017	King		033
		031	Snohomish		061
261	39		Sharon, PA, MSA	7610	
			Pennsylvania		42
		043	Mercer		085
262	50		Sheboygan, WI, MSA	7620	
			Wisconsin		55
		060	Sheboygan		117
263	44		Sherman-Denison, TX, MSA	7640	
			Texas		48
		091	Grayson		181
264	19		Shreveport-Bossier City, LA, MSA	7680	
			Louisiana		22
		008	Bossier		015
		009	Caddo		017
		060	Webster		119
265	16		Sioux City, IA-NE, MSA	7720	
			Iowa		19
		097	Woodbury		193
		28	Nebraska		31
		022	Dakota		043
266	42		Sioux Falls, SD, MSA	7760	
			South Dakota		46
		041	Lincoln		083
		049	Minnehaha		099
267	15		South Bend, IN, MSA	7800	
			Indiana		18
		071	St. Joseph		141
268	48		Spokane, WA, MSA	7840	
			Washington		53
		032	Spokane		063
269	14		Springfield, IL, MSA	7880	
			Illinois		17
		065	Menard		129
		084	Sangamon		167

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Vital Statistics Codes			P/MSA Name and County Components	FIPS	Codes	
P/MSA	State	County		P/MSA	State	Cnty
270	26		Springfield, MO, MSA	7920	29	
		022	Missouri			043
		039	Christian			077
		113	Greene			225
271	22		Springfield, MA, NECMA	8003	25	
		007	Massachusetts			013
		008	Hampden			015
272	39		State College, PA, MSA	8050	42	
		014	Pennsylvania			027
273	36		Steubenville-Weirton, OH-WV, MSA	8080	39	
		041	Ohio			081
		49	Jefferson			54
		005	West Virginia			009
		015	Brooke			029
274	05		Stockton-Lodi, CA, MSA	8120	06	
		039	California			077
275	41		Sumter, SC, MSA	8140	45	
		043	South Carolina			085
276	33		Syracuse, NY, MSA	8160	36	
		005	New York			011
		025	Cayuga			053
		032	Madison			067
		036	Onondaga			075
277	48		Tacoma, WA, PMSA	8200	53	
		027	Washington			053
278	10		Tallahassee, FL, MSA	8240	12	
		020	Florida			039
		037	Gadsden			073
279	10		Tampa-St. Petersburg-Clearwater, FL, MSA	8280	12	
		027	Florida			053
		029	Hernando			057
		051	Hillsborough			101
		052	Pasco			103
280	15		Terre Haute, IN, MSA	8320	18	
		011	Indiana			021
		083	Clay			165
		084	Vermillion			167
281	04		Texarkana, TX-Texarkana, AR, MSA	8360	05	
		046	Arkansas			091
		44	Miller			48
		019	Texas			037
282	36		Toledo, OH, MSA	8400	39	
		026	Ohio			051
		048	Fulton			095
		087	Lucas			173
283	17		Topeka, KS, MSA	8440	20	
		089	Kansas			177
			Shawnee			

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
284	31		Trenton, NJ, PMSA	8480		
		011	New Jersey Mercer		34	021
285	03		Tucson, AZ, MSA	8520		
		011	Arizona Pima		04	019
286	37		Tulsa, OK, MSA	8560		
		019	Oklahoma Creek		40	037
		057	Osage			113
		066	Rogers			131
		072	Tulsa			143
		073	Wagoner			145
287	01		Tuscaloosa, AL, MSA	8600		
		063	Alabama Tuscaloosa		01	125
288	44		Tyler, TX, MSA	8640		
		212	Texas Smith		48	423
289	33		Utica-Rome, NY, MSA	8680		
		021	New York Herkimer		36	043
		031	Oneida			065
290	05		Vallejo-Fairfield-Napa, CA, PMSA	8720		
		028	California Napa		06	055
		048	Solano			095
291	05		Ventura, CA, PMSA	8735		
		056	California Ventura		06	111
292	44		Victoria, TX, MSA	8750		
		235	Texas Victoria		48	469
293	31		Vineland-Millville-Bridgeton, NJ, PMSA	8760		
		006	New Jersey Cumberland		34	011
294	05		Visalia-Tulare-Porterville, CA, MSA	8780		
		054	California Tulare		06	107
295	44		Waco, TX, MSA	8800		
		155	Texas McLennan		48	309

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Vital Statistics Codes	Codes		P/MSA Name and County Components	FIPS	Codes	
P/MSA	State	County		P/MSA	State	Cnty
296	09		Washington, DC-MD-VA-WV, PMSA	8840	11	
	21	001	Dist. of Columbia			001
			District of Columbia			
		005	Maryland		24	009
		009	Calvert			017
		011	Charles			021
		016	Frederick			031
		017	Montgomery			033
	47		Prince George's			
			Virginia		51	
		003	Alexandria city			510
		008	Arlington			013
		028	Clarke			043
		033	Culpeper			047
		040	Fairfax			059
		041	Fairfax city			600
		042	Falls Church city			610
		043	Fauquier			061
		049	Fredericksburg city			630
		068	King George			099
		073	Loudoun			107
		078	Manassas city			683
		079	Manassas Park city			685
		103	Prince William			153
		120	Spotsylvania			177
		121	Stafford			179
		128	Warren			187
	49		West Virginia		54	
		002	Berkeley			003
		019	Jefferson			037
297			Waterloo-Cedar Falls, IA, MSA	8920		
	16		Iowa		19	
		007	Black Hawk			013
298			Wausau, WI, MSA	8940		
	50		Wisconsin		55	
		037	Marathon			073
299			West Palm Beach-Boca Raton, FL, MSA	8960		
	10		Florida		12	
		050	Palm Beach			099
300			Wheeling, WV-OH, MSA	9000		
	36		Ohio		39	
		007	Belmont			013
	49		West Virginia		54	
		026	Marshall			051
		035	Ohio			069
301			Wichita, KS, MSA	9040		
	17		Kansas		20	
		008	Butler			015
		040	Harvey			079
		087	Sedgwick			173
302			Wichita Falls, TX, MSA	9080		
	44		Texas		48	
		005	Archer			009
		243	Wichita			485
303			Williamsport, PA, MSA	9140		
	39		Pennsylvania		42	
		041	Lycoming			081
304			Wilmington-Newark, DE-MD, PMSA	9160		
	08		Delaware		10	
		002	New Castle			003
	21		Maryland		24	
		008	Cecil			015

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
305	34		Wilmington, NC, MSA	9200	37	
		010	North Carolina			019
		065	Brunswick			129
306	48		New Hanover	9260	53	
			Yakima, WA, MSA			
		039	Washington			077
307	05		Yakima	9270	06	
			Yolo, CA, PMSA			
		057	California			113
308	39		Yolo	9280	42	
			York, PA, MSA			
		067	Pennsylvania			133
309	36		York	9320	39	
			Youngstown-Warren, OH, MSA			
		015	Ohio			029
		050	Columbiana			099
		078	Mahoning			155
310	05		Trumbull	9340	06	
			Yuba City, CA, MSA			
		051	California			101
		058	Sutter			115
311	03		Yuba	9360	04	
			Yuma, AZ, MSA			
		015	Arizona			027
			Yuma			

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Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes	
P/MSA	State	County		P/MSA	State Cnty
001	52		Aguadilla, PR, MSA	0060	
			Puerto Rico		72
		002	Aguada		003
		003	Aguadilla		005
		051	Moca		099
002	52		Arecibo, PR, PMSA	0470	
			Puerto Rico		72
		007	Arecibo		013
		014	Camuy		027
		034	Hatillo		065
003	52		Caguas, PR, PMSA	1310	
			Puerto Rico		72
		013	Caguas		025
		018	Cayey		035
		021	Cidra		041
		033	Gurabo		063
		066	San Lorenzo		129
004	52		Mauaguez, PR, MSA	4840	
			Puerto Rico		72
		006	Anasco		011
		012	Cabo Rojo		023
		035	Hormigueros		067
		050	Mayaguez		097
		062	Sabana Grande		121
		064	San German		125
005	52		Ponce, PR, MSA	6360	
			Puerto Rico		72
		031	Guayanilla		059
		039	Juana Diaz		075
		057	Penuelas		111
		058	Ponce		113
		076	Villalba		149
		078	Yauco		153
006	52		San Juan-Bayamon, PR, PMSA	7440	
			Puerto Rico		72
		004	Aguas Buenas		007
		009	Barceloneta		017
		011	Bayamon		021
		015	Canovanas		029
		016	Carolina		031
		017	Catano		033
		019	Ceiba		037
		023	Comerio		045
		024	Corozal		047
		026	Dorado		051
		027	Fajardo		053
		028	Florida		054
		032	Guaynabo		061
		036	Humacao		069
		040	Juncos		077
		044	Las Piedras		085
		045	Loiza		087
		046	Luquillo		089
		047	Manati		091
		052	Morovis		101
		053	Naguabo		103
		054	Naranjito		105
		061	Rio Grande		119
		065	San Juan		127
		069	Toa Alta		135
		070	Toa Baja		137
		071	Trujillo Alto		139
		073	Vega Alta		143
		074	Vega Baja		145
		077	Yabucoa		151

- 1 B
 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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
001.0	-	-	-	-	008.3	-	-	-	-	017.1	-	2	2	2
001.1	-	-	-	-	008.4	600	1247	647	1247	017.2	1	5	4	5
001.9	1	1	-	1	008.5	13	17	4	17	017.3	-	-	-	-
002.0	-	2	2	2	008.6	6	8	2	8	017.4	-	-	-	-
002.1	-	-	-	-	008.8	89	119	31	120	017.5	-	-	-	-
002.2	-	-	-	-	009.0	342	456	114	459	017.6	-	1	1	-
002.3	-	-	-	-	009.2	3	9	6	9	017.7	-	-	-	-
002.9	-	-	-	-	010.0	3	4	1	4	017.8	15	18	4	5
003.0	10	22	12	22	010.1	-	-	-	-	018.0	-	-	-	-
003.1	26	41	15	41	010.8	-	-	-	-	018.8	1	1	-	1
003.2	-	-	-	1	010.9	-	-	-	-	018.9	86	128	44	134
003.8	-	1	1	1	011.0	-	-	-	-	020.0	-	-	-	-
003.9	1	4	3	4	011.1	-	-	-	-	020.1	-	-	-	-
004.0	3	7	4	7	011.2	27	42	15	39	020.2	-	-	-	-
004.1	-	-	-	-	011.3	13	11	2	-	020.3	-	-	-	-
004.2	-	-	-	-	011.4	41	33	-	2	020.4	-	-	-	-
004.3	-	-	-	-	011.5	17	17	-	1	020.5	-	-	-	-
004.8	-	-	-	-	011.6	111	123	16	23	020.8	-	-	-	-
004.9	2	5	3	5	011.7	5	4	-	-	020.9	-	-	-	-
005.0	-	-	-	-	011.8	-	1	1	1	021	1	1	-	1
005.1	-	-	-	-	011.9	583	1457	880	1744	022.0	-	-	-	-
005.2	-	-	-	-	012.0	13	25	13	11	022.1	-	-	-	-
005.3	-	-	-	-	012.1	-	-	-	-	022.2	-	-	-	-
005.4	1	1	-	1	012.2	-	-	-	-	022.3	-	-	-	-
005.8	1	1	-	1	012.3	-	-	-	-	022.8	-	-	-	-
005.9	2	3	1	3	012.8	2	2	-	1	022.9	-	-	-	-
006.0	-	-	-	-	013.0	26	43	17	47	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	3	4	1	4	023.2	-	-	-	-
006.3	1	1	-	-	013.9	1	4	3	4	023.3	-	-	-	-
006.4	-	-	-	-	014	7	16	9	17	023.8	-	-	-	-
006.5	-	-	-	-	015.0	74	144	70	143	023.9	1	1	-	1
006.6	-	-	-	-	015.1	-	-	-	-	024	-	-	-	-
006.8	1	1	-	1	015.2	-	1	1	1	025	-	1	1	1
006.9	1	4	3	5	015.7	-	-	-	-	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	-	-	-	026.1	-	-	-	-
007.1	-	3	3	3	015.9	2	7	5	7	026.9	-	-	-	-
007.2	3	5	2	56	016.0	3	9	6	9	027.0	47	68	21	68
007.3	-	-	-	-	016.1	-	-	-	-	027.1	-	-	-	-
007.8	-	-	-	-	016.2	-	-	-	-	027.2	2	4	2	4
007.9	-	-	-	-	016.3	-	-	-	-	027.8	-	-	-	-
008.0	3	5	2	5	016.4	1	1	-	-	027.9	1	2	1	2
008.1	-	-	-	-	016.9	-	1	1	1	030.0	-	-	-	-
008.2	-	-	-	-	017.0	77	510	434	510	030.1	-	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
030.2	-	-	-	-	040.1	1	1	-	1	050.0	-	-	-	-
030.3	-	-	-	-	040.2	4	15	11	15	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	-	10	10	10	040.8	64	75	11	75	050.9	-	-	-	-
031.0	235	999	764	995	041.0	87	227	140	227	051.0	-	-	-	-
031.1	-	1	1	1	041.1	235	727	492	727	051.1	-	-	-	-
031.8	1	2	1	2	041.2	39	61	22	61	051.2	-	-	-	-
031.9	42	135	94	170	041.3	11	43	32	43	051.9	-	-	-	-
032.0	-	-	-	-	041.4	28	107	79	107	052	81	124	43	124
032.1	-	-	-	-	041.5	11	24	13	24	053.0	-	1	1	1
032.2	-	-	-	-	041.6	8	25	17	25	053.1	20	93	74	77
032.3	-	-	-	-	041.7	49	168	119	168	053.2	1	8	7	8
032.8	-	-	-	-	041.8	52	132	80	132	053.7	1	5	4	5
032.9	1	1	-	1	041.9	57	108	51	150	053.8	1	1	-	1
033.0	1	2	1	2	042.0	1910	2042	205	1	053.9	85	420	339	443
033.1	-	-	-	-	042.1	2779	2623	194	3	054.0	-	-	-	-
033.8	-	-	-	-	042.2	809	1054	259	1	054.1	-	4	4	4
033.9	4	6	2	7	042.9	6961	9459	2529	13964	054.2	2	7	5	7
034.0	5	10	5	10	043.0	1	1	-	-	054.3	91	125	35	127
034.1	1	1	-	1	043.1	43	48	9	27	054.4	-	1	1	1
035	2	5	3	5	043.2	7	12	5	-	054.5	5	6	1	2
036.0	73	80	8	78	043.3	56	61	14	-	054.6	-	-	-	-
036.1	-	-	-	-	043.9	8	12	4	16	054.7	27	81	54	83
036.2	125	156	31	151	044.0	1	1	-	-	054.8	-	-	-	-
036.3	30	43	13	43	044.9	851	2009	1162	4298	054.9	60	149	90	169
036.4	-	-	-	-	045.0	-	-	-	-	055.0	-	-	-	-
036.8	2	2	-	2	045.1	-	-	-	-	055.1	1	1	-	-
036.9	4	9	5	18	045.2	-	-	-	-	055.2	-	-	-	-
037	7	11	4	11	045.9	-	-	-	-	055.7	-	-	-	-
038.0	406	1404	999	1422	046.0	-	-	-	-	055.8	-	-	-	-
038.1	1269	4610	3341	4650	046.1	240	259	19	280	055.9	-	-	-	1
038.2	197	390	193	720	046.2	7	12	5	12	056.0	-	-	-	-
038.3	60	196	136	196	046.3	57	71	16	268	056.7	-	-	-	-
038.4	857	4186	3329	4228	046.8	-	-	-	-	056.8	-	-	-	-
038.8	166	704	538	707	046.9	-	-	-	-	056.9	-	-	-	-
038.9	20776	103987	83220	105167	047.0	-	-	-	-	057.0	1	1	-	1
039.0	-	-	-	-	047.1	-	-	-	-	057.8	1	24	23	24
039.1	40	61	23	59	047.8	-	-	-	-	057.9	-	-	-	-
039.2	-	-	-	-	047.9	30	45	15	45	060.0	-	-	-	-
039.3	-	-	-	-	048	18	19	1	19	060.1	-	-	-	-
039.4	-	-	-	-	049.0	15	20	5	20	060.9	-	-	-	-
039.8	5	9	4	10	049.1	-	-	-	-	061	-	-	-	-
039.9	16	33	17	45	049.8	1	5	4	5	062.0	-	-	-	-
040.0	53	135	82	135	049.9	88	120	32	121	062.1	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
062.2	1	2	1	2	074.2	3	3	-	3	083.9	2	2	-	2
062.3	-	1	1	1	074.3	-	-	-	-	084.0	1	1	-	1
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	-	-	-
062.5	-	1	1	1	075	21	30	9	30	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	1	1	-	1	076.1	-	-	-	-	084.4	-	1	1	1
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	4	6	2	6
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	-	-	-	084.8	-	-	-	-
063.9	-	-	-	-	077.3	-	-	-	-	084.9	1	1	-	1
064	2	2	-	2	077.4	-	-	-	-	085.0	-	-	-	-
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	-
065.1	-	-	-	-	077.9	-	1	1	1	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	3	3	3	085.3	-	-	-	-
065.3	-	-	-	-	078.1	-	2	2	2	085.4	-	-	-	-
065.4	-	-	-	-	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	-	-	-	-	085.9	-	-	-	-
065.9	-	-	-	-	078.4	-	-	-	-	086.0	5	5	-	-
066.0	-	-	-	-	078.5	147	633	491	812	086.1	-	-	-	-
066.1	-	-	-	-	078.6	4	4	-	4	086.2	-	-	-	5
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	100	146	46	146	086.4	-	-	-	-
066.8	-	-	-	-	079.0	16	20	4	20	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	-	-	-	086.9	-	-	-	-
070.0	9	11	2	-	079.2	2	3	1	3	087.0	-	-	-	-
070.1	105	214	109	225	079.3	-	2	2	2	087.1	-	-	-	-
070.2	64	79	15	2	079.8	23	43	20	43	087.9	-	-	-	-
070.3	988	2015	1029	2092	079.9	263	413	150	458	088.0	-	-	-	-
070.4	236	298	62	-	080	-	-	-	-	088.8	5	18	13	18
070.5	3218	6567	3350	6864	081.0	-	-	-	-	088.9	-	-	-	-
070.6	13	14	1	-	081.1	-	-	-	-	090.0	-	-	-	-
070.9	163	240	77	254	081.2	-	-	-	-	090.1	...	-	-	-
071	1	1	-	1	081.9	-	-	-	-	090.2	-	-	-	-
072.0	-	-	-	-	082.0	3	5	2	5	090.3	-	-	-	-
072.1	-	-	-	-	082.1	-	-	-	-	090.4	6	10	4	10
072.2	-	-	-	-	082.2	-	-	-	-	090.5	-	1	1	1
072.3	-	-	-	-	082.3	-	-	-	-	090.6	...	-	-	-
072.7	-	-	-	-	082.8	1	1	-	1	090.7	-	-	-	-
072.8	-	-	-	-	082.9	-	-	-	-	090.9	2	10	8	10
072.9	2	3	1	3	083.0	-	-	-	-	091.0	-	-	-	-
073	-	-	-	-	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	-	-	-
074.1	-	-	-	-	083.8	-	-	-	-	091.3	-	3	3	3

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	
091.4	-	-	-	-	102.0	-	-	-	-	115.9	48	114	66	144
091.5	-	-	-	-	102.1	-	-	-	-	116.0	38	61	23	61
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	-	-	-
091.9	-	1	1	1	102.5	-	-	-	-	117.1	3	4	1	4
092.0	...	1	1	1	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	543	1071	528	1071
093.0	-	-	-	-	102.8	...	-	-	-	117.4	-	1	1	1
093.1	-	1	1	1	102.9	-	-	-	-	117.5	167	306	139	818
093.2	3	3	-	-	103.0	-	-	-	-	117.6	1	1	-	1
093.8	1	2	1	1	103.1	-	-	-	-	117.7	60	95	35	95
093.9	-	-	-	-	103.2	-	-	-	-	117.8	-	2	2	2
094.0	1	17	16	17	103.3	-	-	-	-	117.9	827	1478	651	1540
094.1	2	8	6	8	103.9	-	-	-	-	118	-	1	1	1
094.2	-	-	-	-	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	-	1	1	-	104.9	-	-	-	-	120.2	1	1	-	1
094.9	15	59	44	59	110.0	-	-	-	-	120.3	-	-	-	-
095	-	1	1	-	110.1	-	6	6	6	120.8	-	1	1	1
096	...	2	2	2	110.2	-	-	-	-	120.9	1	3	2	3
097.0	9	29	20	29	110.3	-	1	1	1	121.0	-	-	-	-
097.1	...	16	16	16	110.4	-	1	1	1	121.1	-	-	-	-
097.9	6	35	30	42	110.5	-	-	-	-	121.2	-	-	-	-
098.0	1	3	2	3	110.6	-	1	1	1	121.3	-	-	-	-
098.1	1	1	-	1	110.8	-	1	1	1	121.4	-	-	-	-
098.2	-	-	-	-	110.9	1	3	2	3	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	-	-	-	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	1	1	1	121.8	-	-	-	-
098.5	1	1	-	1	111.2	1	1	-	1	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	2	2	2	122.1	-	-	-	-
098.8	1	1	-	1	111.9	-	3	3	3	122.2	-	-	-	-
099.0	-	-	-	-	112.0	10	95	85	98	122.3	-	-	-	-
099.1	-	-	-	-	112.1	-	-	-	-	122.4	-	-	-	-
099.2	-	-	-	-	112.2	9	26	17	26	122.5	-	-	-	-
099.3	2	8	6	8	112.3	1	3	2	2	122.6	-	-	-	-
099.4	-	-	-	-	112.4	45	74	34	65	122.7	-	-	-	-
099.8	-	1	1	1	112.5	350	564	216	589	122.8	-	-	-	-
099.9	7	13	6	13	112.8	47	196	149	216	122.9	-	-	-	-
100.0	-	-	-	-	112.9	122	338	217	381	123.0	-	-	-	-
100.8	-	-	-	-	114	81	136	55	151	123.1	10	11	1	11
100.9	-	1	1	1	115.0	4	9	5	9	123.2	-	-	-	-
101	-	1	1	1	115.1	-	-	-	-	123.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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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	1	1	142.0	525	631	106	631
123.5	-	-	-	-	133.0	2	5	3	5	142.1	34	41	7	41
123.6	-	-	-	-	133.8	-	-	-	-	142.2	-	1	1	1
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	1	1	-	1	142.9	127	141	14	142
124	-	-	-	-	134.1	-	-	-	-	143.0	38	42	4	42
125.0	-	-	-	-	134.2	-	-	-	-	143.1	59	74	15	74
125.1	-	-	-	-	134.8	-	-	-	-	143.8	1	1	-	1
125.2	-	-	-	-	134.9	1	1	-	1	143.9	55	76	21	76
125.3	-	-	-	-	135	728	1215	487	1215	144.0	-	1	1	1
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	8	17	9	17	144.8	-	-	-	-
125.6	-	-	-	-	136.2	3	3	-	3	144.9	204	245	41	245
125.7	-	-	-	-	136.3	313	398	100	1425	145.0	40	43	3	43
125.9	-	-	-	-	136.4	-	-	-	-	145.1	-	-	-	-
126.0	-	-	-	-	136.5	-	-	-	-	145.2	37	40	3	40
126.1	-	-	-	-	136.8	5	12	7	12	145.3	91	114	23	114
126.2	-	-	-	-	136.9	308	1276	970	1997	145.4	7	8	1	8
126.3	-	-	-	-	137.0	106	409	303	409	145.5	100	139	39	140
126.8	-	-	-	-	137.1	-	1	1	1	145.6	29	33	4	33
126.9	-	1	1	1	137.2	-	2	2	2	145.8	1	2	1	2
127.0	-	2	2	2	137.3	1	2	1	2	145.9	903	1137	234	1184
127.1	-	-	-	-	137.4	2	12	10	12	146.0	551	667	116	667
127.2	12	21	9	23	138	237	875	638	875	146.1	16	19	3	19
127.3	-	-	-	-	139.0	6	7	1	7	146.2	3	4	1	4
127.4	-	-	-	-	139.1	-	-	-	-	146.3	4	6	2	6
127.5	2	3	1	3	139.8	108	299	191	299	146.4	-	-	-	-
127.6	-	-	-	-	140.0	4	5	1	5	146.5	-	-	-	-
127.7	1	1	-	1	140.1	13	16	3	16	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	-	-	-	-
127.9	-	-	-	-	140.4	1	1	-	1	146.8	1	2	1	2
128.0	-	1	1	1	140.5	-	-	-	-	146.9	571	668	97	670
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	13	14	1	14
128.9	-	1	1	1	140.9	71	101	30	101	147.2	-	-	-	-
129	-	-	-	-	141.0	142	167	25	167	147.3	-	-	-	-
130	20	42	23	358	141.1	-	-	-	-	147.8	-	-	-	-
131.0	-	-	-	-	141.2	1	1	-	1	147.9	692	777	85	777
131.8	-	1	1	1	141.3	-	-	-	-	148.0	1	2	1	2
131.9	-	1	1	1	141.4	-	-	-	-	148.1	154	191	37	191
132.0	-	-	-	-	141.5	-	-	-	-	148.2	2	3	1	3
132.1	-	-	-	-	141.6	5	7	2	7	148.3	-	1	1	1
132.2	-	-	-	-	141.8	-	-	-	-	148.8	-	-	-	-
132.3	-	1	1	1	141.9	1616	1978	362	1979	148.9	234	280	47	282

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, 1998

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	1619	2177	558	2200	155.2	4229	4927	698	5026	163.9	408	477	69	477
149.1	-	-	-	-	156.0	2002	2151	149	2151	164.0	160	186	26	186
149.8	-	-	-	-	156.1	770	866	96	866	164.1	83	111	28	111
149.9	-	-	-	-	156.2	188	212	24	212	164.2	2	2	-	2
150.0	7	7	-	7	156.8	1	1	-	1	164.3	-	-	-	-
150.1	4	5	1	5	156.9	544	597	53	623	164.8	-	-	-	-
150.2	-	-	-	-	157.0	240	260	20	260	164.9	153	197	44	197
150.3	8	8	-	8	157.1	10	11	1	11	165.0	3	3	-	3
150.4	4	4	-	4	157.2	30	32	2	32	165.8	-	-	-	-
150.5	97	105	8	105	157.3	10	12	2	12	165.9	9	11	2	14
150.8	-	-	-	-	157.4	151	157	6	157	170.0	57	72	15	72
150.9	11645	12906	1261	12911	157.8	1	1	-	1	170.1	76	115	39	115
151.0	686	738	52	738	157.9	27893	29072	1186	29093	170.2	115	151	36	151
151.1	5	6	1	6	158.0	279	313	34	313	170.3	15	20	5	20
151.2	5	7	2	7	158.8	53	71	18	71	170.4	23	31	8	31
151.3	2	2	-	2	158.9	472	519	48	523	170.5	1	1	-	1
151.4	-	1	1	1	159.0	616	736	121	752	170.6	57	69	12	69
151.5	1	1	-	1	159.1	17	35	18	35	170.7	60	69	9	69
151.6	-	-	-	-	159.8	9	9	-	9	170.8	1	2	1	2
151.8	2	2	-	2	159.9	450	528	78	545	170.9	833	1039	206	1043
151.9	12258	13517	1260	13523	160.0	55	69	14	69	171.0	64	73	9	73
152.0	457	508	52	508	160.1	11	11	-	11	171.2	44	66	22	66
152.1	44	46	2	46	160.2	175	201	26	201	171.3	217	256	39	256
152.2	49	53	4	53	160.3	30	32	2	32	171.4	72	89	17	89
152.3	1	1	-	1	160.4	5	8	3	8	171.5	179	200	21	200
152.8	42	55	13	55	160.5	12	14	2	14	171.6	107	127	20	127
152.9	464	534	70	539	160.8	-	-	-	-	171.7	13	14	1	14
153.0	14	18	4	18	160.9	200	233	33	234	171.8	3	4	1	4
153.1	118	138	20	138	161.0	67	112	45	112	171.9	3238	3530	292	3566
153.2	131	156	25	156	161.1	184	230	46	230	172.0	5	8	3	8
153.3	658	823	165	829	161.2	8	13	5	13	172.1	1	1	-	1
153.4	575	711	136	711	161.3	-	1	1	1	172.2	17	22	5	22
153.5	198	213	15	213	161.8	-	-	-	-	172.3	82	108	26	109
153.6	475	578	103	578	161.9	3607	4995	1388	5011	172.4	112	138	26	138
153.7	13	17	4	17	162.0	87	117	30	117	172.5	251	279	28	279
153.8	1	1	-	1	162.2	81	91	10	91	172.6	125	140	15	140
153.9	46015	55203	9189	55368	162.3	967	1124	157	1124	172.7	153	183	30	183
154.0	1783	2003	220	1965	162.4	73	85	12	85	172.8	-	-	-	-
154.1	6377	7543	1166	7581	162.5	335	418	83	418	172.9	6685	7348	664	7458
154.2	34	45	11	45	162.8	9	9	-	9	173.0	3	5	2	5
154.3	347	438	91	439	162.9	153009	165094	12088	165182	173.1	4	15	11	15
154.8	46	67	21	67	163.0	1	1	-	1	173.2	128	204	76	204
155.0	5682	6192	510	6192	163.1	1	1	-	1	173.3	248	419	172	431
155.1	2470	2613	143	2613	163.8	1	1	-	1	173.4	998	1266	268	1271

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, 1998

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	61	81	20	81	187.4	186	247	61	247	192.1	142	181	39	181
173.6	45	62	17	62	187.5	1	1	-	1	192.2	63	86	23	86
173.7	40	64	24	64	187.6	3	6	3	6	192.3	-	2	2	2
173.8	-	-	-	-	187.7	15	17	2	17	192.8	1	1	-	1
173.9	532	1029	501	1473	187.8	4	4	-	4	192.9	68	82	14	85
174.0	2	13	11	13	187.9	18	22	4	24	193	1182	1453	271	1453
174.1	-	-	-	-	188.0	1	1	-	1	194.0	563	651	88	651
174.2	-	-	-	-	188.1	-	-	-	-	194.1	9	17	8	17
174.3	-	-	-	-	188.2	-	-	-	-	194.3	32	44	12	44
174.4	-	-	-	-	188.3	-	-	-	-	194.4	26	29	3	29
174.5	1	1	-	1	188.4	-	-	-	-	194.5	1	2	1	2
174.6	-	-	-	-	188.5	-	2	2	2	194.6	17	17	-	17
174.8	-	2	2	2	188.6	1	1	-	1	194.8	-	-	-	-
174.9	41734	51575	9841	51577	188.7	16	17	1	17	194.9	105	115	10	115
175	349	475	126	475	188.8	2	2	-	2	195.0	1942	2260	319	2667
179	3263	4019	756	4098	188.9	11737	15508	3771	15508	195.1	153	184	31	242
180.0	24	27	3	27	189.0	11319	13219	1900	13219	195.2	1080	1189	109	1515
180.1	-	-	-	-	189.1	165	181	16	181	195.3	256	302	47	382
180.8	-	1	1	1	189.2	325	430	105	430	195.4	12	18	6	28
180.9	4316	4804	488	4804	189.3	147	185	38	185	195.5	38	51	13	68
181	16	17	1	17	189.4	-	-	-	-	195.8	153	174	21	201
182.0	3158	3699	542	3699	189.8	3	1	-	1	196.0	...	82	82	82
182.1	-	-	-	-	189.9	52	62	10	73	196.1	...	79	79	79
182.8	-	-	-	-	190.0	7	7	-	7	196.2	...	107	107	107
183.0	13391	14415	1024	14415	190.1	35	47	12	47	196.3	...	21	21	21
183.2	149	164	15	164	190.2	5	6	1	6	196.5	...	13	13	13
183.3	-	-	-	-	190.3	1	1	-	1	196.6	...	19	19	19
183.4	-	1	1	1	190.4	-	-	-	-	196.8	...	1	1	1
183.5	-	-	-	-	190.5	17	27	10	27	196.9	...	1106	1106	1106
183.8	3	3	-	3	190.6	19	22	3	22	197.0	...	15833	15833	15833
183.9	1	1	-	1	190.7	3	3	-	3	197.1	...	445	445	445
184.0	429	530	101	530	190.8	-	-	-	-	197.2	...	824	824	824
184.1	7	10	3	10	190.9	191	230	39	230	197.3	...	263	263	263
184.2	-	-	-	-	191.0	273	299	26	299	197.4	...	140	140	140
184.3	3	4	1	4	191.1	143	155	12	155	197.5	...	2640	2640	2640
184.4	720	889	169	890	191.2	139	144	5	144	197.6	...	1352	1352	1352
184.8	28	30	2	30	191.3	94	109	15	109	197.7	...	24069	24069	24069
184.9	59	69	10	70	191.4	23	26	3	26	197.8	...	1959	1959	1959
185	32203	46415	14212	46415	191.5	14	19	5	19	198.0	...	577	577	577
186.0	1	1	-	1	191.6	178	196	18	196	198.1	...	746	746	746
186.9	369	461	92	461	191.7	220	238	18	238	198.2	...	535	535	535
187.1	-	-	-	-	191.8	45	47	2	47	198.3	...	17638	17638	17638
187.2	-	-	-	-	191.9	11254	11932	678	11967	198.4	...	830	830	830
187.3	-	-	-	-	192.0	10	16	6	16	198.5	...	13040	13040	13041

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
198.6	...	433	433	433	206.9	9	11	2	11	213.4	-	-	-	-
198.7	...	657	657	657	207.0	36	44	8	44	213.5	-	-	-	-
198.8	...	10341	10341	10341	207.1	2	2	-	2	213.6	1	1	-	1
199.0	894	14486	13592	14486	207.2	13	15	2	15	213.7	-	-	-	-
199.1	31316	62781	31466	54207	207.8	53	60	8	60	213.8	-	-	-	-
200.0	53	61	8	63	208.0	2644	2847	203	2971	213.9	3	6	3	6
200.1	373	461	88	461	208.1	170	281	111	286	214	7	21	14	21
200.2	143	153	10	188	208.2	1	1	-	1	215.0	1	1	-	1
200.8	169	187	19	200	208.8	10	15	5	16	215.2	-	-	-	-
201.0	-	-	-	-	208.9	2274	2945	672	3108	215.3	-	-	-	-
201.1	-	-	-	-	210.0	-	-	-	-	215.4	3	3	-	3
201.2	-	-	-	-	210.1	-	-	-	-	215.5	-	-	-	-
201.4	-	-	-	-	210.2	3	7	4	7	215.6	1	3	2	3
201.5	9	11	2	11	210.3	1	1	-	1	215.7	-	2	2	2
201.6	3	3	-	3	210.4	2	2	-	2	215.8	-	-	-	-
201.7	2	2	-	2	210.5	-	-	-	-	215.9	27	58	31	58
201.9	1297	1801	504	1801	210.6	1	1	-	1	216.0	-	-	-	-
202.0	142	184	42	184	210.7	-	-	-	-	216.1	-	1	1	1
202.1	115	166	51	166	210.8	-	-	-	-	216.2	-	-	-	-
202.2	6	11	5	11	210.9	-	-	-	-	216.3	-	-	-	-
202.3	8	11	3	11	211.0	2	3	1	3	216.4	1	2	1	2
202.4	98	167	69	167	211.1	21	52	31	52	216.5	4	5	1	5
202.5	2	2	-	2	211.2	4	5	1	5	216.6	1	2	1	2
202.6	1	1	-	1	211.3	70	343	273	343	216.7	-	2	2	2
202.8	22392	26476	4136	27126	211.4	3	9	6	9	216.8	-	-	-	-
202.9	42	59	17	62	211.5	7	13	6	13	216.9	21	30	9	30
203.0	10276	12199	1924	12199	211.6	12	21	9	21	217	-	3	3	3
203.1	48	79	31	79	211.7	14	35	21	35	218	24	64	40	64
203.8	35	60	25	60	211.8	4	4	-	4	219.0	-	-	-	-
204.0	1436	1556	120	1578	211.9	2	5	3	5	219.1	2	3	1	3
204.1	4150	6629	2480	6629	212.0	4	5	1	5	219.8	-	2	2	2
204.2	-	1	1	1	212.1	3	7	4	7	219.9	2	7	5	7
204.8	2	2	-	2	212.2	2	3	1	3	220	23	43	20	43
204.9	294	390	96	405	212.3	9	17	8	17	221.0	-	-	-	-
205.0	6536	6882	346	7011	212.4	-	-	-	-	221.1	-	-	-	-
205.1	2304	2775	471	2775	212.5	1	2	1	2	221.2	-	-	-	-
205.2	2	2	-	2	212.6	31	62	31	62	221.8	1	1	-	1
205.3	18	24	6	24	212.7	38	86	48	86	221.9	-	-	-	-
205.8	2	2	-	2	212.8	-	-	-	-	222.0	1	2	1	2
205.9	212	257	45	265	212.9	2	2	-	2	222.1	-	-	-	-
206.0	143	149	6	150	213.0	1	2	1	2	222.2	1	1	-	1
206.1	13	22	9	22	213.1	2	4	2	4	222.3	-	-	-	-
206.2	-	-	-	-	213.2	2	3	1	3	222.4	-	-	-	-
206.8	-	-	-	-	213.3	-	-	-	-	222.8	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	1	1	-	1
223.0	10	20	10	20	230.7	-	-	-	-	236.4	-	3	3	3
223.1	-	-	-	-	230.8	-	-	-	-	236.5	-	-	-	-
223.2	-	1	1	1	230.9	-	-	-	-	236.6	-	1	1	1
223.3	2	5	3	5	231.0	-	-	-	-	236.7	1	4	3	4
223.8	-	-	-	-	231.1	1	1	-	1	236.9	5	6	1	6
223.9	-	-	-	-	231.2	1	2	1	2	237.0	55	73	18	73
224.0	-	-	-	-	231.8	-	-	-	-	237.1	4	6	2	6
224.1	2	2	-	2	231.9	-	-	-	-	237.2	1	1	-	1
224.2	-	-	-	-	232.0	-	-	-	-	237.3	3	8	5	8
224.3	-	-	-	-	232.1	-	-	-	-	237.4	2	4	2	4
224.4	-	-	-	-	232.2	-	-	-	-	237.5	34	44	10	44
224.5	-	-	-	-	232.3	-	-	-	-	237.6	4	4	-	4
224.6	-	-	-	-	232.4	-	-	-	-	237.7	88	290	202	291
224.7	-	-	-	-	232.5	-	1	1	1	237.9	2	3	1	3
224.8	-	-	-	-	232.6	-	1	1	1	238.0	8	16	8	16
224.9	-	-	-	-	232.7	-	1	1	1	238.1	33	50	17	50
225.0	104	156	52	156	232.8	-	-	-	-	238.2	1	2	1	2
225.1	32	71	39	71	232.9	1	4	3	4	238.3	6	7	1	7
225.2	822	1563	742	1563	233.0	-	6	6	6	238.4	361	1229	868	1229
225.3	6	9	3	9	233.1	-	3	3	3	238.5	-	-	-	-
225.4	10	17	7	17	233.2	1	2	1	2	238.6	50	118	68	118
225.8	1	1	-	1	233.3	1	3	2	3	238.7	847	1751	904	1751
225.9	3	4	1	4	233.4	-	1	1	1	238.8	17	33	16	33
226	2	8	6	8	233.5	-	-	-	-	238.9	163	284	121	284
227.0	35	97	62	97	233.6	-	-	-	-	239.0	536	826	290	866
227.1	6	25	19	25	233.7	-	1	1	1	239.1	513	837	324	858
227.3	75	203	128	203	233.9	1	1	-	1	239.2	44	104	60	104
227.4	1	3	2	3	234.0	-	-	-	-	239.3	16	45	29	47
227.5	1	1	-	1	234.8	1	2	1	2	239.4	51	155	104	162
227.6	-	-	-	-	234.9	1	5	4	5	239.5	130	278	148	291
227.8	-	-	-	-	235.0	1	1	-	1	239.6	2578	3179	601	3230
227.9	-	1	1	1	235.1	-	2	2	2	239.7	163	360	197	373
228.0	51	94	43	94	235.2	64	148	84	148	239.8	268	432	165	436
228.1	43	94	51	94	235.3	23	31	8	31	239.9	156	264	109	637
229.0	-	-	-	-	235.4	3	4	1	4	240.0	-	-	-	-
229.8	5	12	7	12	235.5	19	28	9	29	240.9	33	241	208	256
229.9	42	76	34	79	235.6	-	-	-	-	241.0	-	26	26	26
230.0	-	-	-	-	235.7	35	51	16	51	241.1	9	52	43	56
230.1	2	2	-	2	235.8	6	6	-	6	241.9	1	24	23	26
230.2	-	2	2	2	235.9	2	2	-	2	242.0	40	174	134	162
230.3	1	7	6	7	236.0	2	3	1	3	242.1	-	1	1	1
230.4	-	1	1	1	236.1	1	2	1	2	242.2	1	11	10	7
230.5	-	-	-	-	236.2	7	7	-	7	242.3	3	11	8	9

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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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
242.4	-	-	-	-	253.0	11	43	32	43	259.8	4	7	3	7
242.8	-	-	-	-	253.1	-	1	1	1	259.9	3	10	7	12
242.9	186	1056	870	1095	253.2	79	418	339	418	260	124	349	228	378
243	3	7	4	7	253.3	1	1	-	1	261	228	1570	1355	1626
244.0	...	8	8	8	253.4	-	-	-	-	262	12	34	26	17
244.1	1	1	-	1	253.5	32	190	158	190	263.0	1	5	4	6
244.2	1	2	1	2	253.6	69	482	413	482	263.1	-	4	4	5
244.3	-	1	1	1	253.7	1	5	4	5	263.2	41	87	50	-
244.8	1	4	3	4	253.8	9	25	16	25	263.8	1	4	4	5
244.9	1195	15639	14444	15641	253.9	6	20	14	20	263.9	3474	29189	25716	30040
245.0	-	1	1	1	254.0	1	2	1	2	264.0	-	-	-	-
245.1	-	1	1	1	254.1	-	-	-	-	264.1	-	-	-	-
245.2	5	35	30	35	254.8	1	6	5	6	264.2	-	-	-	-
245.3	-	-	-	-	254.9	1	3	2	3	264.3	-	-	-	-
245.4	-	-	-	-	255.0	34	179	145	179	264.4	-	-	-	-
245.8	2	12	10	12	255.1	9	31	22	31	264.5	-	-	-	-
245.9	2	33	31	35	255.2	7	14	7	14	264.6	-	-	-	-
246.0	-	-	-	-	255.3	-	9	9	9	264.7	-	-	-	-
246.1	-	-	-	-	255.4	166	1026	860	1027	264.8	-	-	-	-
246.2	-	4	4	4	255.5	-	7	7	7	264.9	-	2	2	2
246.3	-	6	6	6	255.6	-	1	1	1	265.0	-	7	7	7
246.8	-	73	73	73	255.8	4	36	32	36	265.1	11	53	43	54
246.9	29	207	178	219	255.9	8	70	62	73	265.2	1	1	-	1
250.0	47448	168239	120831	199695	256.0	-	-	-	-	266.0	-	1	1	1
250.1	1745	2841	1098	1673	256.1	-	-	-	-	266.1	-	-	-	-
250.2	803	1299	496	762	256.2	-	-	-	-	266.2	13	407	394	473
250.3	7562	15598	8052	1981	256.3	1	2	1	2	266.9	-	1	1	1
250.4	82	345	264	152	256.4	-	2	2	2	267	1	5	4	5
250.5	408	1159	751	394	256.8	-	1	1	1	268.0	1	8	7	8
250.6	5338	13186	7853	88	256.9	-	-	-	-	268.1	-	-	-	-
250.7	1212	2881	1671	363	257.0	-	-	-	-	268.2	4	22	18	22
250.9	153	181	29	217	257.1	-	-	-	-	268.9	-	1	1	1
251.0	29	63	34	95	257.2	-	15	15	15	269.0	2	5	3	5
251.1	1	4	3	4	257.8	-	-	-	-	269.1	-	-	-	-
251.2	170	1238	1068	1261	257.9	1	1	-	1	269.2	-	2	2	2
251.3	...	-	-	-	258.0	-	1	1	1	269.3	-	2	2	2
251.4	-	-	-	-	258.1	-	-	-	-	269.8	6	18	13	20
251.5	13	32	19	32	258.8	-	1	1	1	269.9	157	1194	1037	1241
251.8	5	52	47	52	258.9	1	9	8	9	270.0	6	16	10	16
251.9	-	-	-	-	259.0	-	1	1	1	270.1	1	4	3	4
252.0	95	477	382	477	259.1	-	-	-	-	270.2	4	12	8	12
252.1	10	115	105	115	259.2	49	84	35	84	270.3	2	2	-	2
252.8	-	1	1	1	259.3	-	-	-	-	270.4	3	6	3	6
252.9	1	12	11	13	259.4	38	83	45	83	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, 1998

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	45	71	26	71	276.6	42	384	342	384	283.0	123	338	215	338
270.7	6	6	-	6	276.7	321	4462	4141	4462	283.1	52	230	178	230
270.8	5	10	5	10	276.8	146	937	791	937	283.2	11	16	5	16
270.9	3	4	1	4	276.9	516	3212	2696	4658	283.9	16	33	17	33
271.0	31	42	11	42	277.0	451	506	55	506	284.0	90	190	100	41
271.1	3	4	1	4	277.1	10	44	34	44	284.8	489	3276	2787	3451
271.2	-	1	1	1	277.2	6	8	2	8	284.9	758	1756	999	1865
271.3	17	232	215	232	277.3	962	1369	407	1369	285.0	91	233	142	220
271.4	2	6	4	6	277.4	1	9	8	9	285.1	33	67	35	41
271.8	4	5	1	5	277.5	56	71	15	71	285.8	89	256	167	250
271.9	1	1	-	1	277.6	169	237	68	237	285.9	1848	33592	31747	34473
272.0	1302	5238	3936	5261	277.8	61	93	32	93	286.0	68	219	151	221
272.1	40	111	71	134	277.9	314	1638	1324	1928	286.1	4	11	7	11
272.2	12	37	26	14	278.0	2274	11956	9682	12047	286.2	-	4	4	4
272.3	-	1	1	1	278.1	1	1	-	1	286.3	43	123	80	123
272.4	2034	8046	6012	8074	278.2	-	-	-	-	286.4	17	52	35	51
272.5	83	342	259	342	278.3	-	1	1	1	286.5	21	47	26	47
272.6	2	3	1	3	278.4	-	-	-	-	286.6	653	3918	3266	3918
272.7	49	102	53	102	278.8	153	233	80	233	286.7	3	6	3	6
272.8	16	69	53	69	279.0	47	157	110	157	286.9	538	3567	3029	3627
272.9	8	49	41	50	279.1	24	62	38	62	287.0	10	26	16	26
273.0	-	20	20	20	279.2	13	29	16	29	287.1	11	30	19	30
273.1	42	253	211	253	279.3	468	977	511	1114	287.2	6	26	20	30
273.2	48	124	76	124	279.4	138	226	88	237	287.3	378	971	593	971
273.3	333	652	319	652	279.8	6	13	7	13	287.4	7	50	43	50
273.8	116	941	825	941	279.9	3	14	11	15	287.5	519	4666	4147	4729
273.9	12	36	24	37	280	112	1439	1327	1370	287.8	1	5	4	5
274.0	22	200	178	153	281.0	100	1270	1172	1270	287.9	34	175	141	208
274.1	16	12	7	6	281.1	1	12	11	12	288.0	312	2840	2528	2842
274.8	-	4	4	-	281.2	10	86	76	86	288.1	13	26	13	26
274.9	48	1355	1312	1412	281.3	-	1	1	1	288.2	3	7	4	7
275.0	199	539	340	565	281.4	-	4	4	2	288.3	18	44	26	45
275.1	12	28	16	28	281.8	7	206	199	-	288.8	69	427	358	427
275.2	9	61	52	61	281.9	51	185	142	82	288.9	1	4	3	4
275.3	14	42	28	42	282.0	4	21	17	21	289.0	5	64	59	64
275.4	124	2503	2379	2503	282.1	1	5	4	5	289.1	-	-	-	-
275.8	-	-	-	-	282.2	-	2	2	2	289.2	-	1	1	1
275.9	-	-	-	-	282.3	4	6	2	6	289.3	1	12	11	12
276.0	443	1782	1339	1782	282.4	34	111	77	111	289.4	12	128	116	128
276.1	216	1785	1569	1785	282.5	6	33	27	36	289.5	117	565	448	566
276.2	850	6770	5922	7916	282.6	475	726	251	730	289.6	-	1	1	1
276.3	2	58	56	58	282.7	3	19	16	20	289.7	2	7	5	7
276.4	1	4	3	4	282.8	2	2	-	2	289.8	3110	7067	3958	7101
276.5	4590	30644	26054	30651	282.9	134	481	347	499	289.9	117	578	461	714

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, 1998

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	4537	13932	9404	13823	296.8	1	9	8	9	302.5	-	-	-	-
290.1	15672	29912	14240	27150	296.9	6	42	36	43	302.6	-	-	-	-
290.2	232	1388	1188	33	297.0	-	-	-	-	302.7	-	3	3	3
290.3	16	18	2	-	297.1	2	63	61	63	302.8	-	3	3	3
290.4	4019	10718	6703	9235	297.2	-	-	-	-	302.9	-	1	1	2
290.8	1	4	3	4	297.3	-	6	6	6	303	5266	15163	9905	20893
290.9	1	8	7	7	297.8	-	-	-	-	304.0	25	56	31	56
291.0	125	221	107	239	297.9	16	146	130	147	304.1	-	4	4	4
291.1	10	5	1	3	298.0	-	-	-	-	304.2	18	39	21	39
291.2	119	148	90	149	298.1	-	-	-	-	304.3	-	1	1	1
291.3	-	-	-	-	298.2	-	-	-	-	304.4	1	6	5	6
291.4	-	-	-	-	298.3	-	-	-	-	304.5	-	-	-	-
291.5	-	-	-	-	298.4	-	-	-	-	304.6	8	40	32	40
291.8	140	238	106	286	298.8	2	3	1	3	304.7	1	1	-	1
291.9	11	158	150	5	298.9	14998	39053	24071	39703	304.8	1	2	1	2
292.0	7	18	11	18	299.0	3	25	22	25	304.9	210	367	157	369
292.1	-	1	1	1	299.1	1	2	1	2	305.0	904	4179	3282	7914
292.2	-	-	-	-	299.8	-	-	-	-	305.1	348	30153	29805	30153
292.8	1	4	3	4	299.9	-	-	-	-	305.2	6	47	41	47
292.9	3	6	3	6	300.0	27	1061	1034	1062	305.3	-	8	8	8
293.0	-	4	4	4	300.1	3	13	10	13	305.4	4	45	41	45
293.1	-	-	-	-	300.2	-	8	8	8	305.5	203	557	354	557
293.8	-	-	-	-	300.3	2	32	30	32	305.6	354	1457	1103	1457
293.9	-	1	1	1	300.4	10	226	216	225	305.7	26	141	115	141
294.0	20	92	72	92	300.5	2	8	6	8	305.8	1	12	11	12
294.8	-	6	6	6	300.6	-	-	-	-	305.9	742	4727	3985	5002
294.9	381	5583	5228	46481	300.7	-	1	1	1	306.0	-	-	-	-
295.0	126	237	111	237	300.8	1	4	3	4	306.1	-	1	1	1
295.1	2	4	2	4	300.9	52	252	200	262	306.2	-	17	17	17
295.2	8	43	35	43	301.0	1	11	10	11	306.3	-	-	-	-
295.3	28	336	308	336	301.1	-	1	1	1	306.4	2	11	9	11
295.4	1	1	-	1	301.2	-	6	6	6	306.5	-	3	3	3
295.5	-	-	-	-	301.3	-	6	6	6	306.6	-	-	-	-
295.6	55	448	393	448	301.4	1	2	1	2	306.7	-	-	-	-
295.7	9	174	165	174	301.5	1	3	2	3	306.8	-	-	-	-
295.8	-	2	2	2	301.6	-	1	1	1	306.9	-	-	-	-
295.9	183	2382	2199	2397	301.7	-	1	1	1	307.0	-	-	-	-
296.0	1	12	11	12	301.8	-	3	3	3	307.1	77	135	58	135
296.1	11	140	129	140	301.9	1	57	56	58	307.2	1	13	12	13
296.2	1	8	7	8	302.0	-	3	3	3	307.3	-	-	-	-
296.3	1	47	46	47	302.1	-	-	-	-	307.4	-	-	-	-
296.4	-	-	-	-	302.2	-	-	-	-	307.5	209	720	511	720
296.5	68	865	797	865	302.3	-	-	-	-	307.6	-	-	-	-
296.6	17	234	217	234	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, 1998

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	-	3	3	3	315.8	-	-	-	-	333.5	7	43	36	43
307.9	21	149	128	184	315.9	3	17	14	17	333.6	8	19	11	19
308.0	1	1	-	1	316	-	1	1	1	333.7	-	-	-	-
308.1	2	2	-	2	317	3	37	34	37	333.8	28	180	152	180
308.2	-	-	-	-	318.0	1	4	3	4	333.9	35	98	63	99
308.3	-	1	1	1	318.1	69	248	179	248	334.0	62	89	27	89
308.4	-	-	-	-	318.2	45	187	142	187	334.1	7	12	5	12
308.9	36	342	306	342	319	319	1809	1490	1809	334.2	49	55	6	56
309.0	7	36	29	36	320.0	3	7	4	7	334.3	32	101	69	101
309.1	-	-	-	-	320.1	140	212	72	212	334.8	75	136	61	136
309.2	1	4	3	4	320.2	68	119	51	119	334.9	122	266	144	270
309.3	-	2	2	2	320.3	16	45	29	45	335.0	59	65	6	65
309.4	-	-	-	-	320.8	19	35	16	35	335.1	113	127	14	127
309.8	-	3	3	3	320.9	176	290	114	298	335.2	4254	4734	480	4735
309.9	1	5	4	5	322.0	1	1	-	1	335.8	-	-	-	-
310.0	2	11	9	13	322.1	1	1	-	1	335.9	4	5	1	5
310.1	-	6	6	6	322.2	8	12	4	12	336.0	37	74	37	74
310.2	1	14	13	14	322.9	336	1295	959	1324	336.1	44	158	114	158
310.8	3	4	1	4	323.5	-	-	-	-	336.8	26	84	58	84
310.9	2311	11582	9271	11585	323.8	2	7	5	7	336.9	95	286	191	895
311	644	11442	10798	11455	323.9	241	746	507	802	337.0	4	7	3	7
312.0	-	-	-	-	324.0	121	312	191	312	337.9	29	86	57	132
312.1	-	-	-	-	324.1	29	49	20	49	340	2468	3924	1456	3924
312.2	-	-	-	-	324.9	43	110	67	118	341.0	2	4	2	4
312.3	-	-	-	-	325	24	41	17	41	341.1	2	4	2	4
312.8	1	8	7	8	326	93	152	59	152	341.8	29	40	11	40
312.9	3	19	16	19	330.0	89	102	13	102	341.9	60	96	36	103
313.0	-	-	-	-	330.1	63	74	11	74	342.0	1	7	6	7
313.1	-	-	-	-	330.8	31	36	5	36	342.1	2	16	14	19
313.2	-	-	-	-	330.9	2	2	-	2	342.9	119	4919	4801	5194
313.3	-	-	-	-	331.0	22725	42957	20235	45675	343.0	2	9	7	3
313.8	-	-	-	-	331.1	84	118	34	144	343.1	-	3	3	3
313.9	-	-	-	-	331.2	33	57	25	50	343.2	41	80	39	17
314.0	-	4	4	4	331.3	16	29	13	29	343.3	-	1	1	1
314.1	-	-	-	-	331.4	636	2164	1528	2182	343.4	-	-	-	-
314.2	-	-	-	-	331.8	27	47	20	47	343.8	-	-	-	-
314.8	-	-	-	-	331.9	396	1095	699	1186	343.9	946	1774	828	1845
314.9	1	9	8	9	332.0	13120	29300	16180	29334	344.0	295	1438	1143	1501
315.0	-	-	-	-	332.1	47	166	119	166	344.1	169	1258	1089	1264
315.1	-	-	-	-	333.0	321	474	153	441	344.2	2	8	6	8
315.2	-	3	3	3	333.1	6	89	83	89	344.3	3	58	55	58
315.3	-	-	-	-	333.2	12	33	21	33	344.4	-	14	14	14
315.4	1	15	14	15	333.3	-	-	-	-	344.5	-	7	7	7
315.5	-	-	-	-	333.4	613	820	207	820	344.6	140	692	552	692

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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	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	100	657	557	657	352.5	-	-	-	-	358.2	-	-	-	-
344.9	46	567	521	599	352.6	6	12	6	11	358.8	11	17	6	17
345.0	1	14	13	14	352.9	5	15	10	15	358.9	187	267	80	271
345.1	233	445	212	445	353.0	1	10	9	10	359.0	30	39	9	39
345.2	-	-	-	-	353.1	-	1	1	1	359.1	626	865	239	873
345.3	537	1059	523	1058	353.2	-	2	2	2	359.2	194	303	109	303
345.4	2	5	4	5	353.3	-	2	2	2	359.3	2	8	6	8
345.5	3	8	5	8	353.4	-	-	-	-	359.4	3	72	70	72
345.6	3	6	3	6	353.5	-	-	-	-	359.8	23	38	15	38
345.7	-	1	1	1	353.6	-	1	1	1	359.9	98	284	186	287
345.8	-	-	-	-	353.8	-	-	-	-	360.0	4	18	14	18
345.9	569	1091	522	1138	353.9	-	1	1	1	360.1	-	-	-	-
346.0	-	-	-	-	354.0	-	12	12	12	360.2	-	-	-	-
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	-
346.2	-	5	5	5	354.2	-	1	1	1	360.4	-	1	1	1
346.8	1	2	1	2	354.3	-	1	1	1	360.5	-	-	-	-
346.9	2	93	91	93	354.4	-	-	-	-	360.6	-	-	-	-
347	5	63	58	63	354.5	1	8	7	8	360.8	-	1	1	1
348.0	37	62	25	62	354.8	7	19	12	19	360.9	-	-	-	-
348.1	2594	20387	17793	20345	354.9	-	1	1	1	361.0	-	-	-	-
348.2	37	1058	1021	1058	355.0	-	2	2	2	361.1	-	-	-	-
348.3	715	4190	3475	4293	355.1	-	-	-	-	361.2	-	-	-	-
348.4	124	3813	3689	3813	355.2	-	2	2	2	361.3	-	-	-	-
348.5	194	2928	2734	2928	355.3	-	4	4	4	361.8	-	-	-	-
348.8	69	758	689	759	355.4	1	-	-	-	361.9	-	9	9	9
348.9	269	783	514	1278	355.5	-	-	-	-	362.1	1	12	11	176
349.0	-	-	-	-	355.6	-	-	-	-	362.2	-	2	2	2
349.1	-	-	-	-	355.7	1	3	2	3	362.3	-	16	16	16
349.2	1	2	1	2	355.8	1	6	5	6	362.4	-	1	1	1
349.8	277	546	269	546	355.9	88	425	343	863	362.5	4	343	339	343
349.9	80	165	85	269	356.0	-	2	2	2	362.6	-	7	7	7
350.1	5	113	108	113	356.1	30	113	83	113	362.7	1	31	30	31
350.2	-	-	-	-	356.2	3	10	7	10	362.8	-	7	7	9
350.8	1	1	-	1	356.3	-	-	-	-	362.9	-	3	3	3
350.9	1	3	2	3	356.4	-	2	2	2	363.0	-	-	-	-
351.0	2	68	66	68	356.8	747	975	228	975	363.1	-	-	-	-
351.1	-	-	-	-	356.9	147	606	459	1039	363.2	-	26	26	28
351.8	-	5	5	5	357.0	212	443	231	443	363.3	-	-	-	-
351.9	-	1	1	1	357.5	5	16	13	15	363.4	-	-	-	-
352.0	-	-	-	-	357.6	-	1	1	1	363.5	-	-	-	-
352.1	-	2	2	2	357.7	-	-	-	-	363.6	1	3	2	3
352.2	-	-	-	1	357.8	-	1	1	1	363.7	-	-	-	-
352.3	1	3	2	4	357.9	3	40	37	55	363.8	-	-	-	-
352.4	-	-	-	-	358.0	404	975	571	975	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
364.0	-	-	-	-	369.0	9	1218	1209	1218	374.2	-	-	-	-
364.1	-	-	-	-	369.1	-	1	1	1	374.3	-	4	4	4
364.2	1	1	-	2	369.2	-	1	1	1	374.4	-	-	-	-
364.3	-	7	7	8	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	-	-	-	369.6	-	32	32	32	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	1	1	1
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	36	36	38	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	3	3	3	375.2	-	-	-	-
364.9	-	1	1	1	370.2	-	-	-	-	375.3	-	-	-	-
365.0	-	-	-	-	370.3	-	1	1	1	375.4	-	1	1	1
365.1	-	2	2	2	370.4	-	-	-	-	375.5	-	-	-	-
365.2	-	1	1	1	370.5	-	2	2	2	375.6	-	-	-	-
365.3	-	-	-	-	370.6	-	-	-	-	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	-	-	-	370.9	1	2	1	2	376.0	6	22	16	22
365.6	-	-	-	-	371.0	-	-	-	-	376.1	1	4	3	4
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	2	2	2
365.9	3	1162	1159	1166	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	-	-	-	371.3	-	-	-	-	376.5	1	1	-	1
366.1	-	1	1	1	371.4	-	2	2	2	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	1	1	1	376.8	1	1	-	1
366.3	-	-	-	-	371.6	-	-	-	-	376.9	-	1	1	1
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	-	-	-
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	6	6	6
366.8	-	1	1	1	371.9	-	1	1	1	377.2	-	-	-	-
366.9	-	137	137	163	372.0	1	5	4	5	377.3	-	9	9	9
367.0	-	1	1	1	372.1	-	-	-	-	377.4	-	1	1	1
367.1	-	1	1	1	372.2	-	1	1	1	377.5	-	-	-	-
367.2	-	1	1	1	372.3	-	8	8	8	377.6	-	-	-	-
367.3	-	-	-	-	372.4	-	1	1	1	377.7	-	-	-	-
367.4	-	1	1	1	372.5	-	-	-	-	377.9	-	-	-	-
367.5	-	-	-	-	372.6	-	-	-	-	378.0	-	-	-	-
367.8	-	-	-	-	372.7	-	1	1	1	378.1	-	1	1	1
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	-	-	-	372.9	-	-	-	-	378.3	-	1	1	1
368.1	-	7	7	7	373.0	-	5	5	5	378.4	1	1	-	1
368.2	-	-	-	-	373.1	-	-	-	-	378.5	-	1	1	1
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	5	5	5	373.3	-	-	-	-	378.7	-	2	2	2
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	3	3	3
368.6	-	-	-	-	373.9	-	-	-	-	378.9	-	5	5	5
368.8	-	1	1	1	374.0	-	1	1	1	379.0	-	3	3	3
368.9	-	2	2	2	374.1	-	2	2	2	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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379.2	-	3	3	3	385.3	-	3	3	3	394.9	1528	3336	1809	3424
379.3	-	-	-	-	385.8	-	-	-	-	395.0	88	96	8	240
379.4	-	-	-	-	385.9	-	-	-	-	395.1	13	20	7	70
379.5	-	-	-	-	386.0	-	32	32	32	395.2	3	5	2	-
379.8	-	2	2	2	386.1	-	6	6	6	395.9	24	39	15	72
379.9	1	16	15	19	386.2	-	-	-	-	396	893	1713	820	1519
380.0	-	-	-	-	386.3	-	14	14	14	397.0	162	689	527	689
380.1	5	15	10	15	386.4	-	-	-	-	397.1	-	2	2	2
380.2	-	-	-	-	386.5	-	-	-	-	397.9	262	346	84	476
380.3	-	-	-	-	386.8	-	-	-	-	398.0	-	1	1	4
380.4	-	-	-	-	386.9	-	1	1	1	398.9	766	1206	440	1932
380.5	-	-	-	-	387.0	-	-	-	-	401.0	46	441	395	544
380.8	-	-	-	-	387.1	-	-	-	-	401.1	4	109	105	124
380.9	-	1	1	1	387.2	-	-	-	-	401.9	8213	158851	150668	190529
381.0	-	-	-	-	387.8	-	-	-	-	402.0	29	32	11	9
381.1	-	-	-	-	387.9	-	1	1	1	402.1	8	11	4	3
381.2	-	-	-	-	388.0	-	24	24	24	402.9	27678	45883	18737	37181
381.3	-	-	-	-	388.1	-	-	-	-	403.0	30	68	39	1
381.4	-	1	1	1	388.2	-	-	-	-	403.1	6	12	6	7
381.5	-	-	-	-	388.3	-	1	1	1	403.9	6009	18557	12701	3439
381.6	-	-	-	-	388.4	-	-	-	-	404.0	7	6	-	-
381.7	-	-	-	-	388.5	-	2	2	2	404.1	1	1	-	-
381.8	-	-	-	-	388.6	-	1	1	1	404.9	2404	3195	1232	173
381.9	-	-	-	-	388.7	-	-	-	-	410	203551	241734	38184	241734
382.0	-	1	1	1	388.8	-	-	-	-	411	2907	5847	2940	5847
382.1	-	-	-	-	388.9	-	2	2	2	412	599	3265	2666	3265
382.2	-	-	-	-	389.0	-	-	-	-	413	650	3451	2801	3451
382.3	-	-	-	-	389.1	-	26	26	26	414.0	122732	199082	76353	199082
382.4	2	4	2	4	389.2	-	-	-	-	414.1	204	529	326	529
382.9	37	94	57	94	389.7	-	27	27	27	414.8	19922	31290	11369	31290
383.0	-	-	-	-	389.8	1	2	1	2	414.9	109276	217332	108066	232089
383.1	-	1	1	1	389.9	7	408	401	409	415.0	6	87	81	87
383.2	-	1	1	1	390	14	77	63	102	415.1	8955	24898	15943	24898
383.3	...	-	-	-	391.0	15	41	26	45	416.0	2404	7139	4735	7139
383.8	-	-	-	-	391.1	15	23	8	44	416.1	93	218	125	13
383.9	15	42	27	42	391.2	-	-	-	-	416.8	-	-	-	-
384.0	-	-	-	-	391.8	24	43	19	20	416.9	1090	7334	6246	7804
384.1	-	-	-	-	391.9	27	32	5	56	417.0	1	5	4	5
384.2	-	-	-	-	392.0	-	-	-	-	417.1	11	18	7	18
384.8	-	-	-	-	392.9	-	-	-	-	417.8	20	66	46	66
384.9	-	-	-	-	393	-	1	1	1	417.9	42	88	46	99
385.0	-	-	-	-	394.0	830	1380	551	1491	420.9	46	143	97	146
385.1	-	-	-	-	394.1	87	116	29	295	421.0	1030	2212	1182	2255
385.2	-	-	-	-	394.2	41	50	11	-	421.9	25	56	31	58

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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422.9	298	429	131	430	429.4	...	7	7	7	442.1	37	67	30	67
423.0	32	829	797	829	429.5	18	45	27	45	442.2	179	313	134	313
423.1	6	55	49	55	429.6	5	124	119	124	442.3	47	112	65	112
423.2	73	159	86	162	429.8	345	1457	1112	1504	442.8	101	218	117	229
423.8	10	39	29	39	429.9	4017	12756	8752	23969	442.9	265	433	168	682
423.9	353	3174	2821	3471	430	6858	7873	1023	7271	443.0	11	113	102	113
424.0	2503	6145	3642	6144	431	20758	28009	7260	28535	443.1	17	41	24	41
424.1	11609	24659	13051	24661	432.0	3	10	7	10	443.8	25	55	30	55
424.2	6	72	66	72	432.1	715	1807	1092	1827	443.9	7185	24216	17814	34664
424.3	5	26	21	26	432.9	4754	6505	1759	6883	444.0	70	145	75	145
424.9	4397	8873	4477	9685	433.0	236	304	68	327	444.1	247	534	287	534
425.0	1	4	3	4	433.1	1029	2357	1328	2369	444.2	393	1516	1123	1516
425.1	286	462	176	462	433.2	22	31	9	61	444.8	64	290	226	290
425.2	-	1	1	1	433.3	54	81	27	49	444.9	395	1267	872	1636
425.3	86	108	22	108	433.8	5	21	16	22	446.0	117	185	68	185
425.4	27076	37357	10286	37370	433.9	1	6	5	7	446.1	3	3	-	3
425.5	785	574	128	567	434.0	3759	5326	1567	5326	446.2	106	200	94	200
425.9	573	15319	14753	17133	434.1	570	1892	1322	1892	446.3	1	2	1	2
426.0	335	2402	2067	2402	434.9	7199	12923	5724	13321	446.4	315	490	175	490
426.1	30	279	249	279	435	406	2659	2253	2659	446.5	128	664	536	664
426.2	1	3	2	3	436	90090	165398	75317	172224	446.6	402	498	96	498
426.3	11	258	247	258	437.0	3056	12081	9034	11788	446.7	24	37	13	37
426.4	4	125	121	125	437.1	1013	2437	1424	2486	447.0	22	103	81	103
426.5	6	75	69	75	437.2	76	131	58	107	447.1	143	379	236	379
426.6	9	67	58	67	437.3	447	760	315	2326	447.2	152	396	244	396
426.7	40	100	60	100	437.4	83	126	43	126	447.3	1	2	1	2
426.8	172	1428	1256	1428	437.5	14	19	5	19	447.4	1	2	1	2
426.9	151	1143	992	1143	437.6	-	-	-	-	447.5	1	5	4	5
427.0	27	281	254	281	437.8	61	391	330	198	447.6	582	1369	787	1424
427.1	458	6510	6052	6510	437.9	7273	18243	10984	25629	447.8	15	42	27	42
427.2	1	23	22	23	438	9966	22602	12638	22602	447.9	336	609	273	1042
427.3	7182	62091	54909	62091	440.0	50	419	370	619	448.0	19	64	45	64
427.4	1468	18239	16771	18240	440.1	63	363	300	386	448.1	-	-	-	-
427.5	27603	348479	320876	348479	440.2	662	3004	2343	2265	448.9	29	66	37	67
427.6	18	343	325	343	440.8	2	28	26	37	451.0	1	5	4	5
427.8	746	6730	5984	6731	440.9	14502	67525	53029	74553	451.1	609	1659	1050	1659
427.9	6733	53143	46413	68229	441.0	3356	3756	400	3756	451.2	261	612	352	612
428.0	46980	264386	217416	270978	441.1	1213	1272	59	1315	451.8	14	34	20	34
428.1	79	430	351	424	441.2	1079	833	1657	824	451.9	201	809	608	817
428.9	3169	22440	19273	24825	441.3	6165	6612	447	6561	452	68	206	138	206
429.0	537	1367	830	1286	441.4	2210	6163	3953	6596	453.0	43	155	112	155
429.1	194	521	328	530	441.5	1740	1850	110	2096	453.1	4	68	64	68
429.2	66776	105961	39195	108295	441.6	720	1743	1024	2018	453.2	41	196	155	196
429.3	1162	7404	6242	7627	442.0	1	1	-	1	453.3	10	44	34	44

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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453.8	96	376	280	376	463	5	11	6	12	478.8	-	-	-	-
453.9	217	2745	2530	3444	464.0	6	19	13	19	478.9	2	6	4	7
454.0	58	236	178	235	464.1	11	36	25	38	480.0	24	39	15	39
454.1	13	79	66	82	464.2	4	6	2	6	480.1	50	97	47	99
454.2	2	9	7	3	464.3	37	53	16	53	480.2	3	8	5	8
454.9	89	288	199	297	464.4	3	6	3	6	480.8	2	3	1	3
455.0	1	4	3	4	465.0	1	1	-	1	480.9	448	663	215	695
455.1	-	-	-	-	465.8	-	-	-	-	481	2411	4111	1700	4053
455.2	-	-	-	-	465.9	158	614	457	676	482.0	134	365	231	369
455.3	-	1	1	1	466.0	382	1295	913	1437	482.1	388	1241	853	1248
455.4	-	-	-	-	466.1	70	183	113	184	482.2	80	140	60	141
455.5	-	-	-	-	470	-	1	1	1	482.3	371	639	268	648
455.6	6	43	37	47	471.0	-	1	1	1	482.4	933	2136	1203	2158
455.7	1	1	-	1	471.1	-	-	-	-	482.8	178	350	172	352
455.8	3	12	9	8	471.8	1	2	1	2	482.9	1438	2749	1319	2695
455.9	-	1	1	1	471.9	-	11	11	12	483	108	134	27	136
456.0	168	2308	2140	916	472.0	1	13	12	13	485	3500	9071	5571	9132
456.1	37	760	724	2163	472.1	-	-	-	-	486	80079	190454	110396	195783
456.3	-	-	-	-	472.2	-	-	-	-	487.0	860	990	130	142
456.4	1	1	-	1	473.0	7	20	13	21	487.1	844	1187	364	2054
456.5	1	1	-	1	473.1	6	9	3	9	487.8	20	23	6	5
456.6	-	-	-	-	473.2	2	9	7	9	490	592	1787	1197	2864
456.8	29	318	289	318	473.3	3	7	4	7	491.0	99	19	15	31
457.0	...	1	1	1	473.8	9	29	20	29	491.1	27	46	29	84
457.1	45	262	217	262	473.9	78	270	192	274	491.2	1660	2780	1120	309
457.2	1	24	23	24	474.0	1	4	3	4	491.8	233	398	174	427
457.8	25	74	49	74	474.1	2	3	1	3	491.9	421	1438	1018	2815
457.9	-	-	-	-	474.2	-	-	-	-	492	17555	33577	16027	34633
458.0	16	181	169	215	474.8	1	7	6	7	493.0	218	273	58	258
458.1	-	1	1	1	474.9	2	21	19	22	493.1	7	18	11	18
458.9	1149	10114	8966	10116	475	4	6	2	6	493.9	5213	11964	6781	12091
459.0	605	4149	3546	4542	476.0	-	1	1	1	494	1152	2136	984	2153
459.1	-	3	3	3	476.1	-	-	-	-	495.0	9	20	11	20
459.2	36	690	654	690	477.0	-	1	1	3	495.1	-	-	-	-
459.8	11	77	66	77	477.8	-	1	1	4	495.2	1	2	1	2
459.9	535	1141	612	6508	477.9	6	46	41	60	495.3	-	-	-	-
460	1	7	6	10	478.0	-	1	1	1	495.4	-	-	-	-
461.0	-	-	-	-	478.1	2	12	10	12	495.5	-	-	-	-
461.1	-	-	-	-	478.2	106	262	156	264	495.6	-	-	-	-
461.2	1	1	-	1	478.3	40	180	140	180	495.7	-	-	-	-
461.3	-	-	-	-	478.4	-	7	7	7	495.8	1	1	-	1
461.8	-	-	-	-	478.5	11	16	5	16	495.9	14	16	3	16
461.9	4	15	11	15	478.6	23	59	36	59	496	85382	193471	108114	202024
462	12	35	23	35	478.7	47	185	138	186	500	421	1104	683	1104

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, 1998

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	458	1221	763	1221	519.3	57	168	111	168	524.1	-	-	-	-
502	93	178	85	178	519.4	21	98	77	98	524.2	-	1	1	1
503	9	16	7	16	519.8	539	1763	1224	2075	524.3	-	-	-	-
504	4	6	2	6	519.9	181	730	550	1189	524.4	-	1	1	1
505	114	289	175	313	520.0	-	3	3	3	524.5	-	-	-	-
506.0	19	30	11	30	520.1	-	-	-	-	524.6	1	3	2	3
506.1	-	-	-	-	520.2	-	-	-	-	524.8	-	-	-	-
506.2	-	-	-	-	520.3	-	-	-	-	524.9	-	4	4	4
506.3	-	-	-	-	520.4	-	1	1	1	525.0	-	1	1	1
506.4	-	-	-	-	520.5	-	-	-	-	525.1	-	-	-	-
506.9	-	1	1	1	520.6	-	1	1	1	525.2	-	-	-	-
507.0	12670	52577	39907	52607	520.7	1	3	2	3	525.3	-	-	-	-
507.1	4	11	7	12	520.8	-	-	-	-	525.8	3	11	8	11
507.8	-	-	-	-	520.9	-	1	1	1	525.9	2	20	18	20
508.0	26	295	269	295	521.0	-	15	15	15	526.0	-	-	-	-
508.1	8	84	76	84	521.1	-	-	-	-	526.1	-	-	-	-
508.8	-	14	14	14	521.2	-	-	-	-	526.2	-	-	-	-
508.9	-	-	-	-	521.3	-	-	-	-	526.3	-	-	-	-
510.0	52	308	256	310	521.4	-	-	-	-	526.4	6	10	4	10
510.9	283	1039	756	1062	521.5	-	-	-	-	526.5	-	-	-	-
511.0	34	242	208	280	521.6	-	-	-	-	526.8	-	2	2	2
511.1	-	2	2	2	521.7	-	-	-	-	526.9	-	7	7	7
511.8	76	551	475	552	521.8	-	-	-	-	527.0	-	-	-	-
511.9	850	9803	8953	9810	521.9	1	2	1	2	527.1	-	-	-	-
512	382	2751	2369	2755	522.0	-	-	-	-	527.2	46	131	85	131
513.0	331	1002	671	1007	522.1	-	-	-	-	527.3	6	20	14	20
513.1	8	24	16	24	522.2	-	-	-	-	527.4	-	-	-	-
514	616	13807	13192	13813	522.3	-	-	-	-	527.5	-	2	2	2
515	8745	14735	5990	14977	522.4	3	9	6	9	527.6	1	2	1	2
516.0	11	17	6	17	522.5	11	38	27	38	527.7	-	2	2	2
516.2	1	1	-	1	522.6	-	-	-	-	527.8	1	2	1	2
516.3	113	148	35	148	522.7	-	1	1	1	527.9	1	4	3	4
516.8	630	795	166	804	522.8	-	-	-	-	528.0	4	27	23	27
516.9	1	3	2	3	522.9	-	-	-	-	528.1	-	1	1	1
518.0	178	1322	1144	1322	523.0	-	-	-	-	528.2	-	3	3	3
518.1	30	62	32	62	523.1	1	7	6	7	528.3	13	16	3	16
518.2	1	1	-	1	523.2	-	-	-	-	528.4	-	-	-	-
518.3	236	500	264	500	523.3	2	4	2	4	528.5	-	4	4	4
518.4	163	2962	2799	3034	523.4	-	5	5	5	528.6	-	-	-	-
518.5	1848	14150	12302	14140	523.5	-	-	-	-	528.7	-	-	-	-
518.8	3986	13183	9202	16190	523.6	-	-	-	-	528.8	-	-	-	-
519.0	15	19	4	19	523.8	3	4	1	4	528.9	9	44	35	44
519.1	219	1154	935	1220	523.9	6	10	4	10	529.0	3	6	3	6
519.2	62	236	174	236	524.0	-	7	7	7	529.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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529.2	-	-	-	-	534.0	-	-	-	-	551.9	34	43	10	2
529.3	-	-	-	-	534.1	-	-	-	-	552.0	46	63	18	59
529.4	1	1	-	1	534.2	-	-	-	-	552.1	48	88	40	95
529.5	-	-	-	-	534.3	-	-	-	-	552.2	177	264	88	201
529.6	-	1	1	1	534.4	34	78	44	10	552.3	83	137	54	73
529.8	2	14	12	14	534.5	8	10	2	8	552.8	11	16	5	11
529.9	-	10	10	10	534.6	-	-	-	-	552.9	175	285	110	303
530.0	110	237	127	237	534.7	-	-	-	1	553.0	5	14	9	31
530.1	944	4485	3541	4487	534.9	5	17	12	87	553.1	28	130	102	141
530.2	108	372	264	372	535.0	38	102	65	109	553.2	81	288	208	409
530.3	246	1038	792	1073	535.1	48	241	193	241	553.3	331	1435	1104	1520
530.4	224	402	178	402	535.2	-	3	3	3	553.8	8	19	11	26
530.5	320	595	275	595	535.3	47	36	19	22	553.9	83	228	146	299
530.6	68	137	69	137	535.4	105	374	271	384	555.0	10	14	4	14
530.7	60	146	86	146	535.5	226	1453	1227	1461	555.1	19	59	40	59
530.8	180	966	786	1130	535.6	10	55	45	55	555.2	-	-	-	-
530.9	57	115	58	131	536.0	-	1	1	1	555.9	440	1256	816	1258
531.0	16	24	8	6	536.1	3	15	12	15	556	465	1232	767	1232
531.1	1	2	1	3	536.2	3	13	10	13	557.0	3608	6535	2927	7026
531.2	1	1	-	-	536.8	92	372	280	437	557.1	690	1174	484	1174
531.3	2	8	6	26	536.9	41	252	211	252	557.9	4220	8284	4064	8953
531.4	673	1253	580	279	537.0	84	468	384	468	558	1242	4011	2769	4208
531.5	559	1006	447	1050	537.1	-	-	-	-	560.0	21	27	6	27
531.6	31	53	22	-	537.2	1	1	-	1	560.1	410	1796	1387	1814
531.7	5	27	22	39	537.3	6	72	66	72	560.2	622	978	356	1027
531.9	167	917	750	1929	537.4	25	115	90	115	560.3	170	397	228	389
532.0	10	19	10	3	537.5	-	2	2	2	560.8	346	650	306	129
532.1	4	8	4	9	537.6	-	2	2	2	560.9	3677	11281	7605	12387
532.2	1	1	-	-	537.8	98	362	266	510	562.0	27	42	15	42
532.3	4	10	6	25	537.9	116	405	289	470	562.1	3414	6472	3059	6472
532.4	630	1167	537	409	540.0	321	574	253	537	564.0	91	505	414	505
532.5	695	1153	458	1224	540.1	20	60	40	58	564.1	20	152	132	153
532.6	42	84	42	2	540.9	21	42	21	74	564.2	-	35	35	35
532.7	2	22	20	28	541	74	146	73	189	564.3	...	-	-	-
532.9	98	541	443	1356	542	1	1	-	1	564.4	1	1	-	1
533.0	4	4	-	1	543	2	2	-	2	564.5	-	1	1	1
533.1	1	2	1	2	550.0	23	26	3	2	564.6	-	-	-	-
533.2	-	-	-	-	550.1	141	221	80	217	564.7	91	227	136	229
533.3	1	4	3	9	550.9	32	184	152	218	564.8	37	111	74	111
533.4	1073	1865	792	299	551.0	8	10	2	1	564.9	11	30	19	30
533.5	344	623	279	666	551.1	13	17	4	-	565.0	2	5	3	5
533.6	32	53	21	2	551.2	49	53	5	2	565.1	14	50	36	50
533.7	14	59	45	73	551.3	11	15	4	-	566	95	223	128	223
533.9	285	3439	3159	5214	551.8	2	2	-	-	567.1	2	4	2	4

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567.2	510	2445	1935	2479	575.2	3	16	13	24	582.8	22	42	21	23
567.8	25	117	92	130	575.3	-	5	5	5	582.9	1261	5176	3931	6805
567.9	1005	5274	4269	5511	575.4	50	102	52	102	583.0	1	3	2	3
568.0	106	344	238	881	575.5	2	12	10	13	583.1	41	68	29	74
568.8	136	476	340	476	575.6	-	9	9	9	583.2	8	22	14	22
568.9	13	49	36	49	575.8	41	138	97	138	583.4	10	15	5	15
569.0	6	16	11	16	575.9	238	795	557	833	583.6	3	8	6	10
569.1	22	90	68	91	576.0	...	-	-	-	583.7	7	17	10	-
569.2	3	17	14	17	576.1	475	1191	716	1191	583.8	62	126	65	106
569.3	120	551	431	554	576.2	231	878	647	947	583.9	237	591	359	1038
569.4	93	300	207	300	576.3	2	6	4	10	584.5	239	895	665	931
569.5	24	443	419	443	576.4	6	17	11	17	584.6	-	2	2	-
569.6	...	15	15	15	576.5	-	1	1	1	584.7	2	5	3	2
569.8	1640	5407	3767	5450	576.8	135	926	791	978	584.8	-	1	1	1
569.9	482	1444	966	2271	576.9	30	76	46	104	584.9	4036	27579	23543	27820
570	270	1354	1084	1357	577.0	2642	6199	3557	6250	585	5398	24593	19199	31631
571.0	447	766	319	14	577.1	280	1065	785	1065	586	14436	76468	62040	89349
571.1	855	807	189	990	577.2	63	191	128	191	587	60	130	70	177
571.2	8222	10655	2434	4192	577.8	46	331	285	331	588.0	7	26	19	26
571.3	2274	2523	751	2833	577.9	164	403	239	435	588.1	2	9	7	9
571.4	224	498	274	499	578.0	23	199	177	219	588.8	22	104	82	104
571.5	12023	23308	11290	29979	578.1	3	57	54	58	588.9	-	1	1	1
571.6	483	700	217	701	578.9	6764	29842	23094	34433	589.0	-	-	-	-
571.8	398	1558	1161	2310	579.0	13	48	35	48	589.1	-	-	-	-
571.9	266	607	342	703	579.1	13	69	56	69	589.9	-	-	-	-
572.0	114	311	197	312	579.2	...	433	433	433	590.0	87	243	156	255
572.1	-	3	3	3	579.3	...	20	20	20	590.1	165	289	124	293
572.2	435	5328	4894	5715	579.4	-	1	1	1	590.2	40	122	82	128
572.3	111	1149	1038	1149	579.8	10	36	26	36	590.3	-	-	-	-
572.4	443	4476	4033	4476	579.9	65	256	191	270	590.8	509	1067	562	1126
572.8	2819	24137	21318	24137	580.0	-	-	-	-	590.9	27	64	37	73
573.0	15	169	154	169	580.4	-	-	-	-	591	82	649	567	649
573.3	693	1695	1009	1808	580.8	10	15	5	12	592.0	179	597	418	597
573.4	29	78	49	78	580.9	120	669	549	672	592.1	15	34	19	33
573.8	158	1195	1037	1195	581.0	-	-	-	-	592.9	16	74	58	77
573.9	1403	3119	1736	5590	581.1	2	7	5	1	593.0	-	1	1	1
574.0	93	144	51	4	581.2	-	-	-	-	593.1	-	1	1	1
574.1	176	324	148	11	581.3	8	14	6	2	593.2	3	15	12	15
574.2	677	1729	1052	2178	581.8	1	5	4	-	593.3	7	34	27	34
574.3	11	16	5	2	581.9	184	525	346	701	593.4	72	474	402	475
574.4	18	40	22	1	582.0	-	-	-	-	593.5	-	12	12	12
574.5	168	298	130	350	582.1	2	3	1	3	593.6	-	-	-	-
575.0	689	1130	441	1284	582.2	1	1	-	1	593.7	8	15	7	15
575.1	656	1485	830	1835	582.4	-	1	1	1	593.8	202	976	774	981

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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593.9	6067	28375	22344	42527	601.8	-	1	1	1	611.9	32	267	235	294
594.0	-	-	-	-	601.9	23	62	39	62	614.0	-	-	-	-
594.1	10	43	33	43	602.0	-	14	14	14	614.1	-	1	1	1
594.2	1	2	1	2	602.1	-	24	24	24	614.2	11	19	8	20
594.8	-	1	1	1	602.2	-	-	-	-	614.3	-	-	-	-
594.9	-	2	2	2	602.8	1	7	6	7	614.4	53	153	100	153
595.0	7	34	27	34	602.9	60	204	144	221	614.5	-	-	-	-
595.1	-	7	7	7	603.0	-	-	-	-	614.6	-	6	6	6
595.2	25	102	77	102	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	-	-	-	603.8	-	1	1	1	614.8	-	-	-	-
595.8	10	48	38	48	603.9	-	11	11	11	614.9	12	19	7	20
595.9	104	442	338	444	604.0	-	2	2	2	615.0	-	-	-	-
596.0	36	180	144	180	604.9	5	16	11	16	615.1	-	-	-	-
596.1	64	284	220	284	605	-	3	3	3	615.9	16	37	21	37
596.2	8	54	46	54	606	-	-	-	-	616.0	-	1	1	1
596.3	-	9	9	9	607.0	-	-	-	-	616.1	6	15	9	15
596.4	9	47	38	47	607.1	1	5	4	5	616.2	-	3	3	3
596.5	5	17	12	17	607.2	9	30	21	30	616.3	-	1	1	1
596.6	6	37	31	37	607.3	-	-	-	-	616.4	1	3	2	3
596.7	-	5	5	5	607.8	2	9	7	9	616.5	-	-	-	-
596.8	3	116	113	116	607.9	3	7	4	8	616.8	1	1	-	1
596.9	23	67	44	75	608.0	-	1	1	1	616.9	1	2	1	2
597.0	-	3	3	3	608.1	-	-	-	-	617.0	4	6	2	6
597.8	1	5	4	5	608.2	1	1	-	1	617.1	-	-	-	-
598.0	-	-	-	-	608.3	-	-	-	-	617.2	-	-	-	-
598.1	-	-	-	-	608.4	36	80	44	80	617.3	-	-	-	-
598.2	-	-	-	-	608.8	52	102	50	102	617.4	-	-	-	-
598.8	-	-	-	-	608.9	2	16	14	31	617.5	-	1	1	1
598.9	19	59	40	59	610.0	-	1	1	1	617.6	-	-	-	-
599.0	13172	33455	20283	33716	610.1	-	4	4	4	617.8	-	-	-	-
599.1	3	17	14	17	610.2	-	-	-	-	617.9	1	5	4	6
599.2	-	2	2	2	610.3	-	2	2	2	618.0	8	28	21	30
599.3	-	1	1	1	610.4	1	1	-	1	618.1	8	34	26	36
599.4	-	-	-	-	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	-	-	-	610.9	-	-	-	-	618.3	-	-	-	-
599.6	226	1219	993	1219	611.0	4	22	18	22	618.4	-	3	3	1
599.7	29	539	510	539	611.1	-	1	1	1	618.5	-	-	-	-
599.8	5	36	31	36	611.2	-	-	-	-	618.6	-	2	2	2
599.9	19	74	55	96	611.3	-	-	-	-	618.7	-	-	-	-
600	410	2573	2163	2575	611.4	-	-	-	-	618.8	2	2	-	2
601.0	2	7	5	7	611.5	-	-	-	-	618.9	-	-	-	-
601.1	4	20	16	20	611.6	-	-	-	-	619.0	7	23	16	23
601.2	2	8	6	8	611.7	2	13	11	13	619.1	54	193	139	193
601.3	1	1	-	1	611.8	-	1	1	1	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, 1998

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	-	-	-	-	624.2	-	-	-	-	631	-	1	1	1
619.9	4	19	15	19	624.3	-	-	-	-	632	1	2	1	2
620.0	-	-	-	-	624.4	-	-	-	-	633.0	-	-	-	-
620.1	2	9	7	9	624.5	-	-	-	-	633.1	6	6	-	6
620.2	15	44	29	45	624.6	-	-	-	-	633.2	-	-	-	-
620.3	-	-	-	-	624.8	-	3	3	3	633.8	1	1	-	2
620.4	-	-	-	-	624.9	-	-	-	-	633.9	12	15	3	15
620.5	-	2	2	2	625.0	-	-	-	-	634.0	-	-	-	-
620.6	-	-	-	-	625.1	-	-	-	-	634.1	1	1	-	-
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	-
620.8	5	8	3	8	625.3	-	1	1	1	634.3	-	-	-	-
620.9	17	85	68	92	625.4	-	-	-	-	634.4	-	-	-	-
621.0	-	5	5	5	625.5	-	1	1	1	634.5	-	1	1	-
621.1	-	-	-	-	625.6	-	10	10	10	634.6	1	1	-	-
621.2	2	7	5	7	625.8	-	-	-	-	634.7	-	-	-	-
621.3	-	4	4	4	625.9	1	8	7	8	634.8	-	-	-	-
621.4	-	1	1	1	626.0	-	-	-	-	634.9	-	2	2	4
621.5	-	1	1	1	626.1	-	-	-	-	635.0	-	-	-	-
621.6	-	1	1	1	626.2	2	12	10	12	635.1	-	1	1	-
621.7	-	-	-	-	626.3	-	-	-	-	635.2	2	2	-	1
621.8	4	13	9	13	626.4	-	-	-	-	635.3	1	1	-	-
621.9	4	139	135	139	626.5	-	-	-	-	635.4	-	-	-	-
622.0	-	3	3	3	626.6	-	3	3	3	635.5	-	-	-	-
622.1	-	3	3	3	626.7	-	-	-	-	635.6	-	-	-	-
622.2	-	-	-	-	626.8	3	6	3	6	635.7	-	-	-	-
622.3	-	-	-	-	626.9	-	38	38	39	635.8	2	2	-	1
622.4	6	25	19	25	627.0	-	3	3	3	635.9	1	4	3	7
622.5	1	1	-	1	627.1	1	8	7	8	636.0	-	-	-	-
622.6	-	-	-	-	627.2	4	47	43	47	636.1	-	-	-	-
622.7	-	1	1	1	627.3	-	-	-	-	636.2	-	-	-	-
622.8	1	17	16	17	627.4	-	-	-	-	636.3	-	-	-	-
622.9	-	2	2	2	627.8	-	3	3	3	636.4	-	-	-	-
623.0	-	-	-	-	627.9	-	1	1	1	636.5	-	-	-	-
623.1	-	-	-	-	628.0	-	-	-	-	636.6	-	-	-	-
623.2	-	-	-	-	628.2	-	-	-	-	636.7	-	-	-	-
623.3	-	-	-	-	628.3	-	-	-	-	636.8	-	-	-	-
623.4	1	1	-	1	628.4	-	-	-	-	636.9	-	-	-	-
623.5	-	2	2	2	628.8	-	-	-	-	637.0	1	1	-	1
623.6	-	1	1	1	628.9	-	1	1	1	637.1	-	-	-	-
623.7	-	-	-	-	629.0	-	-	-	-	637.2	-	-	-	-
623.8	19	141	122	141	629.1	-	-	-	-	637.3	-	-	-	-
623.9	-	1	1	1	629.8	1	12	11	12	637.4	-	-	-	-
624.0	-	2	2	2	629.9	-	14	14	16	637.5	-	-	-	-
624.1	-	-	-	-	630	-	-	-	-	637.6	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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637.7	-	-	-	-	646.8	-	-	-	-	673	43	68	25	70
637.8	-	-	-	-	646.9	3	7	4	12	674	46	67	21	70
637.9	3	2	-	2	647.0	-	-	-	-	675	1	1	-	1
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	-	-	-	-	680.4	-	-	-	-
638.6	-	-	-	-	647.8	-	-	-	-	680.5	-	1	1	1
638.7	-	-	-	-	647.9	-	-	-	-	680.6	1	1	-	1
638.8	-	-	-	-	648.0	-	1	1	1	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	-	-	-	-
639.0	...	-	-	1	648.2	-	1	1	1	680.9	-	1	1	1
639.1	...	1	1	10	648.3	1	1	-	1	681.0	-	1	1	1
639.2	...	1	1	2	648.4	-	1	1	1	681.1	2	11	9	11
639.3	...	-	-	1	648.5	-	-	-	-	681.9	-	-	-	-
639.4	...	-	-	-	648.6	14	16	2	16	682.0	8	54	46	54
639.5	...	-	-	2	648.7	-	-	-	-	682.1	9	52	43	52
639.6	...	-	-	1	648.8	-	2	2	2	682.2	76	287	211	287
639.8	...	-	-	3	648.9	5	6	1	6	682.3	49	176	127	176
639.9	...	-	-	1	650	-	-	-	-	682.4	9	30	21	30
640	-	-	-	-	651	3	5	2	5	682.5	8	62	54	62
641	12	29	20	34	652	-	-	-	-	682.6	200	1021	821	1022
642.0	-	1	1	2	653	-	-	-	-	682.7	41	247	206	247
642.1	-	-	-	-	654	-	-	-	-	682.8	60	262	202	262
642.2	2	2	-	3	655	-	-	-	-	682.9	354	1871	1517	1898
642.3	-	-	-	-	656	2	11	9	11	683	4	7	3	7
642.4	10	14	4	17	657	-	-	-	-	684	4	11	7	11
642.5	12	16	4	19	658	5	5	-	5	685.0	1	1	-	1
642.6	18	23	5	24	659	-	1	1	1	685.1	2	6	4	6
642.7	2	3	1	1	660	-	1	1	1	686.0	7	42	35	42
642.9	4	10	6	13	661	3	6	3	6	686.1	7	57	50	57
643	1	2	1	2	662	-	1	1	1	686.8	-	5	5	5
644	3	5	2	5	663	-	-	-	-	686.9	144	717	573	738
645	-	-	-	-	664	-	-	-	-	690	-	6	6	6
646.0	-	-	-	-	665	9	12	3	12	691.0	-	-	-	-
646.1	-	1	1	1	666	12	31	19	26	691.8	-	7	7	7
646.2	-	-	-	-	667	2	2	-	7	692.0	-	-	-	-
646.3	-	-	-	-	668	2	3	1	3	692.1	-	-	-	-
646.4	-	-	-	-	669	20	82	62	82	692.2	-	-	-	-
646.5	-	-	-	-	670	6	11	5	11	692.3	-	-	-	-
646.6	1	5	4	5	671	3	4	1	4	692.4	-	1	1	1
646.7	4	6	2	6	672	-	-	-	-	692.5	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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692.6	-	1	1	1	701.1	-	11	11	11	709.8	1	12	11	12
692.7	1	4	3	4	701.2	-	1	1	1	709.9	16	73	57	73
692.8	-	5	5	5	701.3	-	-	-	-	710.0	1402	2423	1021	2423
692.9	14	128	114	144	701.4	-	1	1	1	710.1	1229	1906	677	1906
693.0	1	4	3	4	701.5	-	-	-	-	710.2	81	268	187	268
693.1	10	18	8	18	701.8	2	4	2	4	710.3	97	210	113	210
693.8	-	-	-	-	701.9	-	-	-	-	710.4	191	427	236	427
693.9	-	-	-	-	702	-	7	7	7	710.8	2	6	4	6
694.0	1	5	5	5	703.0	-	-	-	-	710.9	158	277	119	316
694.1	-	1	1	1	703.8	-	1	1	1	711.0	143	307	164	307
694.2	-	-	-	-	703.9	-	-	-	-	711.9	13	33	20	39
694.3	-	-	-	-	704.0	-	2	2	2	712.8	-	-	-	-
694.4	36	158	122	158	704.1	-	-	-	-	712.9	-	-	-	-
694.5	81	402	321	402	704.2	-	-	-	-	714.0	1877	9386	7509	9386
694.6	1	5	4	5	704.3	-	-	-	-	714.1	22	111	89	111
694.8	1	1	-	1	704.8	-	1	1	1	714.2	1	3	2	3
694.9	2	7	5	7	704.9	-	-	-	-	714.3	11	26	15	26
695.0	1	2	1	2	705.0	-	-	-	-	714.4	-	-	-	-
695.1	116	240	124	240	705.1	-	1	1	1	714.8	96	264	168	264
695.2	-	1	1	1	705.8	1	8	7	8	714.9	8	35	27	35
695.3	-	5	5	5	705.9	-	-	-	-	715.0	10	189	179	189
695.4	86	341	255	341	706.0	-	-	-	-	715.1	-	-	-	-
695.8	15	50	35	50	706.1	-	-	-	-	715.2	-	-	-	-
695.9	15	155	140	155	706.2	-	5	5	5	715.3	48	272	224	272
696.0	2	64	62	64	706.3	-	4	4	4	715.8	-	4	4	4
696.1	15	277	262	277	706.8	-	1	1	1	715.9	650	13674	13026	13681
696.2	-	1	1	1	706.9	-	-	-	-	716.0	-	-	-	-
696.3	-	1	1	1	707.0	1574	8807	7235	10604	716.1	1	3	2	3
696.4	-	3	3	3	707.1	134	825	693	1268	716.2	-	-	-	-
696.5	-	-	-	-	707.8	35	187	152	259	716.3	-	-	-	-
696.8	-	1	1	1	707.9	70	495	425	688	716.4	-	-	-	-
697.0	-	4	4	4	708.0	-	-	-	-	716.5	6	43	37	43
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	-	-	-
697.8	-	-	-	-	708.2	-	-	-	-	716.8	-	-	-	-
697.9	-	-	-	-	708.3	-	-	-	-	716.9	217	3838	3621	4113
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	-	-	-
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	-	-	-	708.8	-	1	1	1	717.2	-	-	-	-
698.3	-	1	1	1	708.9	-	8	8	8	717.3	-	-	-	-
698.4	-	-	-	-	709.0	2	11	9	11	717.4	-	-	-	-
698.8	-	-	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	1	12	11	12	709.2	1	45	44	45	717.6	-	-	-	-
700	-	3	3	3	709.3	-	5	5	7	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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717.9	-	2	2	2	722.9	22	141	119	141	728.3	14	58	44	58
718.0	-	-	-	-	723.0	23	151	128	151	728.4	1	1	-	1
718.1	-	1	1	1	723.1	-	12	12	12	728.5	-	-	-	-
718.2	-	3	3	3	723.2	-	-	-	-	728.6	-	1	1	1
718.3	-	13	13	13	723.3	-	-	-	-	728.7	-	-	-	-
718.4	1	59	58	59	723.4	1	19	18	19	728.8	301	872	571	872
718.5	-	25	25	25	723.5	1	22	21	24	728.9	41	201	160	203
718.6	2	2	-	2	723.6	-	-	-	-	729.0	3	41	38	41
718.8	-	6	6	6	723.7	-	-	-	-	729.1	42	202	160	202
718.9	-	18	18	18	723.8	1	4	3	4	729.2	6	66	60	79
719.0	-	3	3	3	723.9	-	2	2	2	729.3	22	66	44	66
719.1	-	5	5	5	724.0	49	1106	1057	1106	729.4	343	808	465	808
719.2	-	-	-	-	724.1	-	-	-	-	729.5	5	42	37	42
719.3	-	-	-	-	724.2	4	85	81	85	729.6	-	-	-	-
719.4	3	35	32	35	724.3	1	27	26	27	729.8	8	35	27	35
719.5	-	3	3	3	724.4	2	26	24	26	729.9	4	6	2	6
719.6	-	-	-	-	724.5	15	300	285	300	730.0	10	22	12	23
719.7	-	2	2	2	724.6	-	14	14	14	730.1	56	210	154	210
719.8	-	1	1	1	724.7	-	-	-	-	730.2	861	2143	1282	2152
719.9	36	923	887	971	724.8	1	7	6	7	730.3	-	1	1	1
720.0	55	210	155	210	724.9	5	42	37	47	730.9	14	34	20	36
720.1	-	-	-	-	725	54	1047	993	1047	731.0	59	580	521	599
720.2	-	-	-	-	726.0	-	2	2	2	731.2	-	3	3	3
720.8	-	-	-	-	726.1	-	1	1	1	732.0	-	1	1	1
720.9	1	12	11	12	726.2	-	1	1	1	732.1	12	32	20	32
721.0	20	110	90	115	726.3	4	14	10	14	732.2	-	-	-	-
721.1	72	198	126	194	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	-	-	1	726.5	1	1	-	1	732.4	-	1	1	1
721.3	4	26	22	26	726.6	1	2	1	2	732.5	-	-	-	-
721.4	3	10	7	9	726.7	-	-	-	-	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	1	1	1	726.9	1	9	8	9	732.8	-	-	-	-
721.7	-	1	1	1	727.0	2	7	5	7	732.9	-	1	1	1
721.8	-	4	4	4	727.1	-	6	6	6	733.0	1154	11639	10485	11639
721.9	20	273	253	278	727.2	-	-	-	-	733.1	102	3301	3199	3301
722.0	2	5	3	6	727.3	3	10	7	10	733.2	1	7	6	7
722.1	2	13	11	14	727.4	-	6	6	6	733.3	-	-	-	-
722.2	5	44	39	45	727.5	-	1	1	1	733.4	13	59	46	59
722.3	-	-	-	-	727.6	-	2	2	2	733.5	-	-	-	-
722.4	1	13	12	13	727.8	-	2	2	2	733.6	-	-	-	-
722.5	3	51	48	52	727.9	-	5	5	5	733.7	-	1	1	1
722.6	7	139	132	140	728.0	5	10	5	10	733.8	7	36	29	36
722.7	1	5	4	1	728.1	-	3	3	3	733.9	66	350	293	434
722.8	-	-	-	-	728.2	14	55	41	59	734	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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735.0	-	-	-	-	740.0	301	315	14	315	746.4	69	118	49	118
735.1	-	1	1	1	740.1	-	-	-	-	746.5	6	10	4	10
735.2	-	-	-	-	740.2	-	-	-	-	746.6	6	9	3	9
735.3	-	-	-	-	741.0	69	114	45	58	746.7	454	522	68	522
735.4	-	-	-	-	741.9	70	166	96	241	746.8	368	590	222	592
735.5	-	-	-	-	742.0	46	75	29	76	746.9	1364	1859	496	2412
735.8	-	-	-	-	742.1	81	164	83	164	747.0	61	255	194	255
735.9	-	1	1	1	742.2	151	227	76	227	747.1	99	198	99	198
736.0	-	4	4	4	742.3	255	416	162	478	747.2	33	62	29	70
736.1	-	-	-	-	742.4	62	100	38	100	747.3	124	223	99	256
736.2	-	-	-	-	742.5	1179	2369	1225	2508	747.4	70	106	36	106
736.3	-	6	6	6	742.8	23	43	20	43	747.5	1	6	5	6
736.4	-	-	-	-	742.9	171	261	90	312	747.6	267	461	195	483
736.5	-	-	-	-	743.0	-	3	3	3	747.8	362	424	62	431
736.6	-	1	1	1	743.1	-	14	14	14	747.9	11	19	8	21
736.7	-	15	15	15	743.2	-	2	2	2	748.0	2	6	4	6
736.8	1	137	136	137	743.3	-	2	2	2	748.1	1	6	5	6
736.9	-	7	7	7	743.4	-	2	2	2	748.2	-	1	1	1
737.0	-	1	1	1	743.5	-	2	2	2	748.3	58	93	35	93
737.1	63	432	369	432	743.6	-	1	1	1	748.4	10	13	3	13
737.2	1	7	6	7	743.8	2	2	-	2	748.5	868	1402	534	1402
737.3	230	792	562	1000	743.9	1	5	4	5	748.6	52	93	41	97
737.8	-	-	-	-	744.0	-	-	-	-	748.8	3	10	7	10
737.9	1	3	2	4	744.1	-	-	-	-	748.9	5	12	7	13
738.0	-	-	-	-	744.2	-	2	2	2	749.0	5	33	28	56
738.1	1	2	1	2	744.3	-	2	2	2	749.1	1	8	7	31
738.2	-	-	-	-	744.4	-	-	-	-	749.2	4	26	22	3
738.3	10	37	27	37	744.5	1	1	-	1	750.0	-	-	-	-
738.4	-	4	4	4	744.8	-	5	5	5	750.1	1	6	5	6
738.5	1	9	8	9	744.9	2	11	9	11	750.2	1	4	3	4
738.6	-	1	1	1	745.0	68	95	27	95	750.3	19	55	36	55
738.7	-	-	-	-	745.1	150	205	55	205	750.4	24	44	20	44
738.8	-	2	2	2	745.2	196	291	95	291	750.5	5	8	3	8
738.9	2	6	4	7	745.3	35	46	11	46	750.6	2	2	-	2
739.0	-	-	-	-	745.4	307	660	353	669	750.7	2	4	2	4
739.1	-	-	-	-	745.5	378	684	306	686	750.8	1	1	-	1
739.2	-	-	-	-	745.6	59	148	89	148	750.9	10	22	12	22
739.3	-	-	-	-	745.7	-	-	-	-	751.0	4	7	3	7
739.4	-	-	-	-	745.8	1	1	-	1	751.1	24	52	28	52
739.5	-	-	-	-	745.9	16	29	13	30	751.2	6	50	44	50
739.6	-	1	1	1	746.0	16	37	21	42	751.3	22	45	23	45
739.7	-	-	-	-	746.1	32	49	17	49	751.4	21	32	11	32
739.8	-	-	-	-	746.2	47	64	17	65	751.5	28	58	30	65
739.9	-	-	-	-	746.3	57	82	25	82	751.6	59	104	45	104

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, 1998

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	4	6	2	6	756.3	9	24	15	24	760.8	32	62	30	62
751.8	2	3	1	3	756.4	11	42	31	42	760.9	-	1	1	1
751.9	7	16	9	17	756.5	101	223	122	223	761.0	381	421	40	421
752.0	-	1	1	1	756.6	270	371	101	371	761.1	623	904	281	905
752.1	-	1	1	1	756.7	51	91	40	91	761.2	35	243	208	243
752.2	1	1	-	1	756.8	16	59	43	59	761.3	17	30	13	30
752.3	1	3	2	3	756.9	13	22	9	22	761.4	-	1	1	1
752.4	1	3	2	3	757.0	-	5	5	5	761.5	254	515	261	515
752.5	-	1	1	1	757.1	2	6	4	6	761.6	1	2	1	2
752.6	1	6	5	6	757.2	-	-	-	-	761.7	-	3	3	3
752.7	-	10	10	11	757.3	26	75	49	76	761.8	33	54	21	54
752.8	-	10	10	10	757.4	-	-	-	-	761.9	-	-	-	-
752.9	-	10	10	10	757.5	1	1	-	1	762.0	17	21	5	21
753.0	296	391	95	391	757.6	-	-	-	-	762.1	412	525	113	534
753.1	355	871	516	872	757.8	2	3	1	3	762.2	26	40	14	40
753.2	8	23	15	23	757.9	-	-	-	-	762.3	64	117	53	117
753.3	12	47	35	47	758.0	518	1423	905	1425	762.4	31	43	12	43
753.4	-	-	-	-	758.1	302	328	26	328	762.5	30	37	7	40
753.5	1	8	7	8	758.2	404	450	46	450	762.6	7	15	8	17
753.6	6	21	15	21	758.3	14	23	9	23	762.7	375	580	205	580
753.7	-	-	-	-	758.4	-	-	-	-	762.8	3	6	3	6
753.8	3	15	12	15	758.5	50	66	16	66	762.9	-	-	-	-
753.9	30	106	76	135	758.6	13	70	57	70	763.0	14	28	14	28
754.0	-	2	2	2	758.7	2	10	8	10	763.1	4	7	3	7
754.1	-	-	-	-	758.8	11	18	7	18	763.2	1	3	2	3
754.2	2	9	7	9	758.9	117	156	39	186	763.3	-	-	-	-
754.3	-	4	4	4	759.0	26	79	53	79	763.4	1	9	8	9
754.4	-	1	1	1	759.1	1	5	4	5	763.5	-	-	-	-
754.5	-	1	1	1	759.2	5	7	2	7	763.6	8	14	6	14
754.6	-	-	-	-	759.3	11	37	26	37	763.7	8	12	4	12
754.7	-	11	11	11	759.4	22	24	2	24	763.8	28	71	43	71
754.8	-	13	13	13	759.5	24	46	22	46	763.9	28	43	15	43
755.0	1	11	10	11	759.6	23	46	23	46	764.0	4	19	15	19
755.1	-	-	-	-	759.7	364	434	72	827	764.1	-	-	-	-
755.2	-	5	5	5	759.8	319	547	228	549	764.2	1	2	1	2
755.3	-	4	4	4	759.9	102	204	102	323	764.9	33	137	104	140
755.4	-	3	3	3	760.0	56	79	23	79	765.0	3099	9357	6258	9423
755.5	-	10	10	10	760.1	2	4	2	4	765.1	1010	4353	3345	5886
755.6	1	13	12	13	760.2	20	31	11	31	766.0	-	-	-	-
755.8	14	34	20	34	760.3	3	7	4	7	766.1	1	4	3	4
755.9	2	12	10	12	760.4	2	2	-	2	766.2	-	4	4	4
756.0	24	68	44	78	760.5	18	33	16	34	767.0	180	453	273	455
756.1	23	79	56	79	760.6	1	1	-	1	767.1	-	1	1	1
756.2	-	-	-	-	760.7	33	81	49	83	767.2	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	-	-	-	-	773.2	13	53	40	113	778.5	-	4	4	4
767.4	1	2	1	2	773.3	3	5	2	2	778.6	-	-	-	-
767.5	1	1	-	1	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	1	1	1	773.5	-	-	-	-	778.8	-	-	-	-
767.7	-	-	-	-	774.1	-	-	-	-	778.9	-	-	-	-
767.8	13	34	21	33	774.2	2	16	14	-	779.0	17	128	111	133
767.9	6	13	7	16	774.3	-	-	-	-	779.1	-	-	-	-
768.2	1	2	1	2	774.4	3	5	2	5	779.2	4	15	11	15
768.3	-	-	-	-	774.5	-	-	-	-	779.3	-	-	-	-
768.4	137	295	158	330	774.6	2	8	6	26	779.4	-	-	-	-
768.5	45	96	51	103	774.7	2	3	1	3	779.5	3	5	2	5
768.6	-	-	-	-	775.0	12	39	27	40	779.6	61	73	12	73
768.9	311	783	472	896	775.1	-	3	3	3	779.8	1017	3357	2340	3357
769	1302	1727	425	1727	775.2	1	1	-	1	779.9	16	16	-	41
770.0	20	41	21	41	775.3	-	1	1	1	780.0	10	3342	3332	3859
770.1	48	124	76	124	775.4	-	8	8	8	780.1	-	26	26	26
770.2	147	641	494	641	775.5	5	18	13	17	780.2	16	1348	1332	1348
770.3	170	538	368	538	775.6	1	8	7	8	780.3	947	20090	19143	20093
770.4	206	287	81	287	775.7	-	2	2	2	780.4	-	141	141	141
770.5	7	18	11	18	775.8	-	1	1	1	780.5	1	39	38	39
770.6	-	1	1	1	775.9	-	-	-	-	780.6	66	1478	1412	1480
770.7	336	525	189	525	776.0	4	4	-	4	780.7	4	1140	1136	1141
770.8	795	2508	1713	2508	776.1	-	2	2	2	780.8	-	2	2	2
770.9	-	-	-	1	776.2	61	213	152	213	780.9	4	513	509	513
771.0	4	12	8	12	776.3	1	4	3	4	781.0	-	91	91	91
771.1	26	40	14	43	776.4	-	-	-	-	781.1	-	1	1	1
771.2	30	36	6	36	776.5	8	14	7	12	781.2	-	76	76	76
771.3	-	-	-	-	776.6	10	73	63	-	781.3	4	238	234	238
771.4	-	7	7	7	776.7	-	2	2	2	781.4	-	3	3	3
771.5	-	4	4	4	776.8	1	2	1	2	781.5	-	1	1	1
771.6	-	-	-	-	776.9	-	-	-	-	781.6	-	1	1	1
771.7	31	54	23	54	777.1	3	4	1	4	781.7	-	3	3	3
771.8	737	1598	861	1598	777.2	-	-	-	-	781.9	29	348	319	348
772.0	17	31	14	31	777.3	-	-	-	-	782.0	-	20	20	20
772.1	276	733	458	735	777.4	-	-	-	-	782.1	1	19	18	19
772.2	3	13	10	13	777.5	345	444	99	444	782.2	1	70	69	70
772.3	-	-	-	-	777.6	47	131	84	131	782.3	12	1811	1799	1911
772.4	3	15	12	15	777.8	2	3	1	3	782.4	6	811	805	811
772.5	-	2	2	2	777.9	-	-	-	-	782.5	-	35	35	35
772.6	-	1	1	1	778.0	162	308	146	311	782.6	-	1	1	1
772.8	20	43	23	43	778.1	-	1	1	1	782.7	4	25	21	25
772.9	17	60	43	74	778.2	-	1	1	1	782.8	-	2	2	2
773.0	10	12	2	12	778.3	5	15	10	15	782.9	-	-	-	-
773.1	1	2	1	2	778.4	-	-	-	-	783.0	30	3871	3841	3871

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, 1998

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	-	6	6	6	788.0	-	4	4	4	793.2	-	7	7	7
783.2	2	1057	1055	1057	788.1	-	2	2	2	793.3	-	-	-	-
783.3	1	100	99	100	788.2	-	507	507	507	793.4	-	-	-	-
783.4	299	6996	6697	7086	788.3	-	314	314	314	793.5	-	-	-	-
783.5	-	18	18	18	788.4	-	9	9	9	793.6	-	-	-	-
783.6	-	54	54	54	788.5	-	338	338	338	793.7	-	-	-	-
783.9	1	143	142	143	788.6	-	1	1	1	793.8	-	-	-	-
784.0	1	90	89	90	788.7	1	1	-	1	793.9	-	2	2	2
784.1	-	-	-	-	788.8	-	1	1	1	794.0	-	1	1	1
784.2	11	121	110	121	788.9	1	1	-	1	794.1	-	-	-	-
784.3	3	1236	1233	1236	789.0	52	1285	1233	1285	794.2	-	1	1	1
784.4	-	13	13	13	789.1	4	290	286	290	794.3	3	20	17	20
784.5	-	400	400	400	789.2	-	229	229	235	794.4	-	-	-	-
784.6	1	21	20	21	789.3	15	492	477	492	794.5	-	-	-	-
784.7	3	168	165	168	789.4	-	2	2	2	794.6	-	-	-	-
784.8	-	25	25	25	789.5	17	4455	4438	4456	794.7	-	-	-	-
784.9	-	11	11	11	789.9	5	81	76	81	794.8	-	41	41	41
785.0	9	847	838	847	790.0	-	-	-	-	794.9	-	-	-	-
785.1	-	19	19	19	790.1	-	3	3	3	795.0	1	3	2	3
785.2	-	66	66	66	790.2	-	15	15	15	795.1	-	-	-	-
785.3	-	1	1	1	790.3	5	938	933	979	795.2	-	1	1	1
785.4	117	5775	5659	9492	790.4	-	3	3	3	795.3	-	2	2	2
785.5	1295	52256	50961	52266	790.5	-	6	6	6	795.4	-	1	1	1
785.6	3	192	189	193	790.6	13	724	711	906	795.5	-	1	1	1
785.9	-	11	11	11	790.7	30	1657	1627	1729	795.6	-	-	-	-
786.0	145	10219	10074	10225	790.8	3	53	50	53	795.7	-	-	-	-
786.1	-	18	18	18	790.9	-	5	5	5	795.8	-	317	317	539
786.2	-	57	57	57	791.0	-	37	37	37	796.0	-	1	1	1
786.3	74	3112	3038	3112	791.1	-	-	-	-	796.1	-	3	3	3
786.4	-	1	1	1	791.2	-	2	2	2	796.2	-	-	-	-
786.5	1	183	182	183	791.3	-	35	35	35	796.3	-	-	-	-
786.6	4	76	72	76	791.4	-	-	-	-	796.4	-	2	2	2
786.7	-	-	-	-	791.5	-	1	1	1	796.9	-	-	-	-
786.8	-	11	11	11	791.6	-	1	1	1	797	2998	17961	14963	19539
786.9	-	35	35	35	791.7	-	1	1	1	798.0	2822	2982	160	2982
787.0	-	916	916	925	791.9	11	2267	2256	2267	798.1	370	406	36	406
787.1	-	2	2	2	792.0	-	-	-	-	798.2	-	-	-	-
787.2	20	12817	12797	12817	792.1	-	-	-	-	798.9	36	46	10	46
787.3	1	109	108	109	792.2	-	-	-	-	799.0	130	16141	16013	16183
787.4	-	1	1	1	792.3	-	-	-	-	799.1	3615	222212	218597	222212
787.5	-	1	1	1	792.4	-	-	-	-	799.2	-	6	6	6
787.6	-	50	50	50	792.9	1	1	-	1	799.3	78	5337	5259	5487
787.7	-	-	-	-	793.0	-	-	-	-	799.4	65	8332	8267	8449
787.9	-	42	42	42	793.1	-	10	10	10	799.8	207	5465	5258	5465

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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799.9	12383	27045	14677	27045	E807.1	-	-	-	-	E813.9	62	64	2	64
E800.0	1	2	1	2	E807.2	-	-	-	-	E814.0	4	4	-	4
E800.1	-	-	-	-	E807.3	-	-	-	-	E814.1	-	-	-	-
E800.2	-	-	-	-	E807.8	-	-	-	-	E814.2	-	-	-	-
E800.3	-	-	-	-	E807.9	7	7	-	7	E814.3	-	-	-	-
E800.8	-	-	-	-	E810.0	150	152	2	152	E814.4	-	-	-	-
E800.9	3	3	-	3	E810.1	73	73	-	73	E814.5	-	-	-	-
E801.0	-	-	-	-	E810.2	3	3	-	3	E814.6	-	-	-	-
E801.1	-	-	-	-	E810.3	-	-	-	-	E814.7	5342	5406	64	5406
E801.2	-	-	-	-	E810.4	-	-	-	-	E814.8	-	-	-	-
E801.3	7	7	-	7	E810.5	-	-	-	-	E814.9	8	8	-	8
E801.8	2	2	-	2	E810.6	-	-	-	-	E815.0	3173	3243	70	3243
E801.9	-	-	-	-	E810.7	1	1	-	1	E815.1	1085	1095	10	1095
E802.0	1	1	-	1	E810.8	2	2	-	2	E815.2	344	344	-	344
E802.1	-	-	-	-	E810.9	80	81	1	81	E815.3	28	28	-	28
E802.2	-	-	-	-	E811.0	28	28	-	28	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	6	5	-	5	E815.5	-	-	-	-
E802.8	-	-	-	-	E811.2	-	-	-	-	E815.6	2	2	-	2
E802.9	-	-	-	-	E811.3	-	-	-	-	E815.7	1	1	-	1
E803.0	-	-	-	-	E811.4	-	-	-	-	E815.8	4	4	-	4
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	748	757	9	757
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	3605	3662	57	3662
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1535	1543	8	1543
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	259	261	2	261
E803.9	-	-	-	-	E811.9	-	-	-	-	E816.3	24	24	-	24
E804.0	3	3	-	3	E812.0	8425	8533	108	8533	E816.4	-	-	-	-
E804.1	1	1	-	1	E812.1	3975	4033	58	4033	E816.5	-	-	-	-
E804.2	2	2	-	2	E812.2	801	806	5	806	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	68	69	1	69	E816.7	2	2	-	2
E804.8	2	2	-	2	E812.4	-	-	-	-	E816.8	12	12	-	12
E804.9	7	7	-	7	E812.5	-	-	-	-	E816.9	1080	1107	27	1107
E805.0	-	-	-	-	E812.6	1	1	-	1	E817.0	-	-	-	-
E805.1	-	-	-	-	E812.7	4	4	-	4	E817.1	4	4	-	4
E805.2	462	464	2	464	E812.8	12	12	-	12	E817.2	-	-	-	-
E805.3	2	2	-	2	E812.9	2810	2864	55	2864	E817.3	-	-	-	-
E805.8	1	1	-	1	E813.0	4	5	1	5	E817.4	-	-	-	-
E805.9	12	12	-	12	E813.1	1	1	-	1	E817.5	-	-	-	-
E806.0	1	1	-	1	E813.2	2	2	-	2	E817.6	-	-	-	-
E806.1	-	-	-	-	E813.3	-	-	-	-	E817.7	2	2	-	2
E806.2	1	1	-	1	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	8	8	-	8	E817.9	6	9	3	9
E806.8	-	-	-	-	E813.6	680	685	5	685	E818.0	231	231	-	231
E806.9	-	-	-	-	E813.7	2	2	-	2	E818.1	262	266	4	266
E807.0	-	-	-	-	E813.8	8	8	-	8	E818.2	16	16	-	16

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	5	5	-	5	E822.7	456	465	9	465	E827.4	-	-	-	
E818.4	-	1	1	1	E822.8	1	1	-	1	E827.8	-	-	-	
E818.5	-	-	-	-	E822.9	56	58	2	58	E827.9	2	2	-	
E818.6	-	-	-	-	E823.0	56	57	1	57	E828.0	-	-	-	
E818.7	7	7	-	7	E823.1	11	11	-	11	E828.1	1	1	-	
E818.8	14	15	1	15	E823.2	9	9	-	9	E828.2	81	83	2	
E818.9	466	474	8	474	E823.3	-	-	-	-	E828.3	-	-	-	
E819.0	1412	1458	46	1458	E823.4	-	-	-	-	E828.4	-	-	-	
E819.1	810	832	22	832	E823.5	-	-	-	-	E828.8	2	2	-	
E819.2	123	124	1	124	E823.6	-	-	-	-	E828.9	7	8	1	
E819.3	18	18	-	18	E823.7	2	2	-	2	E829.0	-	1	1	
E819.4	-	-	-	-	E823.8	1	1	-	1	E829.1	1	1	-	
E819.5	-	-	-	-	E823.9	12	12	-	12	E829.2	-	-	-	
E819.6	-	-	-	-	E824.0	1	1	-	1	E829.3	-	-	-	
E819.7	1	1	-	1	E824.1	2	2	-	2	E829.4	-	-	-	
E819.8	4	4	-	4	E824.2	-	-	-	-	E829.8	2	2	-	
E819.9	4348	4752	405	4752	E824.3	-	-	-	-	E829.9	2	2	-	
E820.0	40	40	-	40	E824.4	-	-	-	-	E830.0	44	44	-	
E820.1	1	1	-	1	E824.5	-	-	-	-	E830.1	22	22	-	
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	6	6	-	
E820.3	-	-	-	-	E824.7	2	2	-	2	E830.3	-	-	-	
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	
E820.5	-	-	-	-	E824.9	15	19	4	19	E830.5	-	-	-	
E820.6	-	-	-	-	E825.0	89	94	5	94	E830.6	-	-	-	
E820.7	1	1	-	1	E825.1	31	32	1	32	E830.8	-	-	-	
E820.8	1	1	-	1	E825.2	23	23	-	23	E830.9	132	133	1	
E820.9	50	50	-	50	E825.3	1	1	-	1	E831.0	2	2	-	
E821.0	72	72	-	72	E825.4	-	-	-	-	E831.1	25	25	-	
E821.1	10	10	-	10	E825.5	-	-	-	-	E831.2	2	2	-	
E821.2	3	3	-	3	E825.6	1	1	-	1	E831.3	2	2	-	
E821.3	-	-	-	-	E825.7	16	16	-	16	E831.4	-	-	-	
E821.4	-	-	-	-	E825.8	1	1	-	1	E831.5	-	-	-	
E821.5	1	1	-	1	E825.9	134	143	9	143	E831.6	-	-	-	
E821.6	-	-	-	-	E826.0	7	7	-	7	E831.8	1	1	-	
E821.7	8	8	-	8	E826.1	118	124	6	124	E831.9	36	39	3	
E821.8	30	35	5	35	E826.2	1	1	-	1	E832.0	29	29	-	
E821.9	77	80	3	80	E826.3	-	-	-	-	E832.1	13	13	-	
E822.0	79	79	-	79	E826.4	-	-	-	-	E832.2	10	10	-	
E822.1	7	7	-	7	E826.8	-	-	-	-	E832.3	1	1	-	
E822.2	5	5	-	5	E826.9	7	9	2	9	E832.4	-	-	-	
E822.3	-	-	-	-	E827.0	-	-	-	-	E832.5	-	-	-	
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	-	-	-	
E822.5	-	-	-	-	E827.2	-	1	1	1	E832.8	1	1	-	
E822.6	5	5	-	5	E827.3	4	4	-	4	E832.9	184	186	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, 1998

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	6	6	-	6	E843.4	-	-	-	
E833.1	-	-	-	-	E838.0	-	-	-	-	E843.5	-	-	-	
E833.2	-	-	-	-	E838.1	27	27	-	27	E843.6	-	-	-	
E833.3	-	-	-	-	E838.2	-	-	-	-	E843.7	-	-	-	
E833.4	-	-	-	-	E838.3	-	-	-	-	E843.8	-	-	-	
E833.5	-	-	-	-	E838.4	4	4	-	4	E843.9	-	-	-	
E833.6	-	-	-	-	E838.5	3	3	-	3	E844.0	-	-	-	
E833.8	-	-	-	-	E838.6	-	-	-	-	E844.1	-	-	-	
E833.9	-	-	-	-	E838.8	3	3	-	3	E844.2	1	1	-	
E834.0	-	-	-	-	E838.9	101	101	-	101	E844.3	-	-	-	
E834.1	-	-	-	-	E840.0	-	-	-	-	E844.4	-	-	-	
E834.2	1	1	-	1	E840.1	1	1	-	1	E844.5	5	5	-	
E834.3	-	-	-	-	E840.2	2	2	-	2	E844.6	2	2	-	
E834.4	-	-	-	-	E840.3	16	16	-	16	E844.7	33	34	1	
E834.5	-	-	-	-	E840.4	-	-	-	-	E844.8	1	1	-	
E834.6	-	-	-	-	E840.5	13	13	-	13	E844.9	6	6	-	
E834.8	1	1	-	1	E840.6	-	-	-	-	E845.0	-	-	-	
E834.9	24	26	2	26	E840.7	-	-	-	-	E845.1	-	-	-	
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	
E835.1	-	1	1	1	E840.9	5	5	-	5	E845.3	-	-	-	
E835.2	-	-	-	-	E841.0	1	1	-	1	E845.4	-	-	-	
E835.3	-	-	-	-	E841.1	30	30	-	30	E845.5	-	-	-	
E835.4	-	-	-	-	E841.2	68	69	1	69	E845.6	-	-	-	
E835.5	-	-	-	-	E841.3	328	329	1	329	E845.7	-	-	-	
E835.6	-	-	-	-	E841.4	6	6	-	6	E845.8	-	-	-	
E835.8	-	-	-	-	E841.5	130	130	-	130	E845.9	-	-	-	
E835.9	9	10	1	10	E841.6	2	2	-	2	E846	2	2	-	
E836.0	-	-	-	-	E841.7	3	3	-	3	E847	-	-	-	
E836.1	-	-	-	-	E841.8	-	-	-	-	E848	137	208	71	
E836.2	-	-	-	-	E841.9	20	20	-	20	E850.0	2718	2931	213	
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	32	44	12	
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	94	118	24	
E836.5	-	-	-	-	E842.2	-	-	-	-	E850.3	2	2	-	
E836.6	-	-	-	-	E842.3	-	3	3	3	E850.4	7	7	-	
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	104	115	11	
E836.9	-	-	-	-	E842.5	-	-	-	-	E850.8	175	235	60	
E837.0	-	-	-	-	E842.6	16	16	-	16	E850.9	9	10	1	
E837.1	-	-	-	-	E842.7	2	2	-	2	E851	16	21	5	
E837.2	1	1	-	1	E842.8	-	-	-	-	E852.0	1	1	-	
E837.3	-	-	-	-	E842.9	1	1	-	1	E852.1	-	-	-	
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	3	3	-	
E837.5	-	-	-	-	E843.1	-	-	-	-	E852.3	-	-	-	
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	-	-	-	
E837.8	2	2	-	2	E843.3	-	-	-	-	E852.5	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E852.8	1	1	-	1	E861.5	-	-	-	-	E868.1	11	11	-	11
E852.9	1	1	-	1	E861.6	1	2	1	2	E868.2	190	198	8	198
E853.0	19	23	4	23	E861.9	-	-	-	-	E868.3	60	60	-	60
E853.1	1	1	-	1	E862.0	-	-	-	-	E868.8	18	18	-	18
E853.2	52	66	14	66	E862.1	7	8	1	8	E868.9	128	136	8	136
E853.8	31	35	4	35	E862.2	-	1	1	1	E869.0	1	1	-	1
E853.9	4	4	-	4	E862.3	-	-	-	-	E869.1	-	-	-	-
E854.0	162	199	37	199	E862.4	30	39	9	39	E869.2	11	11	-	11
E854.1	3	9	6	9	E862.9	-	-	-	-	E869.3	-	-	-	-
E854.2	166	272	106	272	E863.0	1	1	-	1	E869.8	67	99	32	99
E854.3	3	4	1	4	E863.1	3	4	1	4	E869.9	8	10	2	10
E855.0	30	60	30	60	E863.2	-	1	1	1	E870.0	187	216	29	216
E855.1	25	31	6	31	E863.3	-	-	-	-	E870.1	1	1	-	1
E855.2	1430	1914	484	1914	E863.4	2	2	-	2	E870.2	16	18	2	18
E855.3	1	1	-	1	E863.5	-	-	-	-	E870.3	1	2	1	2
E855.4	6	6	-	6	E863.6	2	2	-	2	E870.4	33	41	8	41
E855.5	7	10	3	10	E863.7	-	-	-	-	E870.5	31	39	8	39
E855.6	-	-	-	-	E863.8	-	-	-	-	E870.6	29	34	5	34
E855.8	41	50	9	50	E863.9	-	1	1	1	E870.7	8	10	2	10
E855.9	-	-	-	-	E864.0	-	-	-	-	E870.8	70	83	13	83
E856	39	60	21	60	E864.1	3	4	1	4	E870.9	12	15	3	15
E857	4	11	7	11	E864.2	1	2	1	2	E871.0	3	4	1	4
E858.0	21	35	14	35	E864.3	-	-	-	-	E871.1	-	-	-	-
E858.1	57	86	29	86	E864.4	1	2	1	2	E871.2	-	-	-	-
E858.2	51	81	30	81	E865.0	-	-	-	-	E871.3	-	-	-	-
E858.3	194	484	290	484	E865.1	1	1	-	1	E871.4	1	1	-	1
E858.4	3	4	1	4	E865.2	-	-	-	-	E871.5	1	1	-	1
E858.5	33	73	40	73	E865.3	-	-	-	-	E871.6	-	-	-	-
E858.6	27	36	9	36	E865.4	-	-	-	-	E871.7	2	2	-	2
E858.7	4	6	2	6	E865.5	1	1	-	1	E871.8	2	3	1	3
E858.8	2465	2613	149	2613	E865.8	-	-	-	-	E871.9	-	-	-	-
E858.9	1794	2173	379	2173	E865.9	1	1	-	1	E872.0	-	-	-	-
E860.0	6	11	5	11	E866.0	1	4	3	4	E872.1	-	-	-	-
E860.1	146	928	782	928	E866.1	2	3	1	3	E872.2	2	2	-	2
E860.2	10	10	-	10	E866.2	-	-	-	-	E872.3	-	1	1	1
E860.3	12	19	7	19	E866.3	-	1	1	1	E872.4	-	-	-	-
E860.4	-	1	1	1	E866.4	32	63	31	63	E872.5	1	-	-	-
E860.8	1	1	-	1	E866.5	-	1	1	1	E872.6	-	-	-	-
E860.9	125	488	363	488	E866.6	-	-	-	-	E872.8	-	-	-	-
E861.0	-	-	-	-	E866.7	1	1	-	1	E872.9	-	-	-	-
E861.1	1	1	-	1	E866.8	8	13	5	13	E873.0	2	3	1	3
E861.2	1	1	-	1	E866.9	10	15	5	15	E873.1	-	-	-	-
E861.3	2	5	3	5	E867	15	17	2	17	E873.2	-	3	3	3
E861.4	5	6	1	6	E868.0	37	40	3	40	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, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E873.4	-	-	-	-	E879.9	14	122	108	122	E900.0	225	336	111	336
E873.5	-	-	-	-	E880.0	1	1	-	1	E900.1	24	31	7	31
E873.6	1	1	-	1	E880.9	1388	1528	140	1528	E900.9	126	271	145	271
E873.8	-	-	-	-	E881.0	284	308	24	308	E901.0	201	248	47	248
E873.9	-	-	-	-	E881.1	68	68	-	68	E901.1	3	3	-	3
E874.0	3	3	-	3	E882	550	624	74	624	E901.8	8	15	7	15
E874.1	3	3	-	3	E883.0	57	59	2	59	E901.9	208	314	106	314
E874.2	3	4	1	4	E883.1	2	2	-	2	E902.0	3	6	3	6
E874.3	2	3	1	3	E883.2	-	-	-	-	E902.1	-	-	-	-
E874.4	1	1	-	1	E883.9	36	41	5	41	E902.2	8	8	-	8
E874.5	-	-	-	-	E884.0	2	2	-	2	E902.8	-	-	-	-
E874.8	3	4	1	4	E884.1	63	64	1	64	E902.9	15	35	20	35
E874.9	-	-	-	-	E884.2	508	754	246	754	E903	-	-	-	-
E875.0	-	77	77	77	E884.9	614	668	54	668	E904.0	6	11	5	11
E875.1	1	1	-	1	E885	740	953	213	953	E904.1	110	157	47	157
E875.2	-	-	-	-	E886.0	2	2	-	2	E904.2	3	4	1	4
E875.8	-	-	-	-	E886.9	4	5	1	5	E904.3	132	236	104	236
E875.9	1	1	-	1	E887	3679	12627	8948	12628	E904.9	1	3	2	3
E876.0	1	3	2	3	E888	8276	11430	3155	11431	E905.0	-	1	1	1
E876.1	1	2	1	2	E890.0	6	7	1	7	E905.1	5	9	4	9
E876.2	1	1	-	1	E890.1	1	2	1	2	E905.2	-	-	-	-
E876.3	3	3	-	3	E890.2	2047	2069	22	2069	E905.3	46	51	5	51
E876.4	1	1	-	1	E890.3	387	402	15	402	E905.4	-	-	-	-
E876.5	1	1	-	1	E890.8	22	28	6	28	E905.5	9	11	2	11
E876.8	100	119	19	119	E890.9	99	113	14	113	E905.6	-	-	-	-
E876.9	2	3	1	3	E891.0	-	-	-	-	E905.7	1	1	-	1
E878.0	66	1487	1421	1487	E891.1	1	1	-	1	E905.8	-	1	1	1
E878.1	302	3543	3241	3543	E891.2	38	38	-	38	E905.9	3	4	1	4
E878.2	192	5217	5025	5217	E891.3	24	26	2	26	E906.0	15	17	2	17
E878.3	134	703	569	703	E891.8	3	3	-	3	E906.1	1	1	-	1
E878.4	116	1847	1731	1847	E891.9	4	4	-	4	E906.2	-	-	-	-
E878.5	206	879	673	879	E892	55	55	-	55	E906.3	4	7	3	7
E878.6	163	3400	3237	3400	E893.0	64	68	4	68	E906.4	6	10	4	10
E878.8	188	1558	1370	1558	E893.1	8	8	-	8	E906.8	63	69	6	69
E878.9	754	5514	4760	5514	E893.2	21	21	-	21	E906.9	4	4	-	4
E879.0	14	111	97	111	E893.8	53	55	2	55	E907	63	63	-	63
E879.1	50	550	500	550	E893.9	25	25	-	25	E908	204	206	2	206
E879.2	18	1321	1303	1321	E894	55	57	2	57	E909	24	24	-	24
E879.3	1	3	2	3	E895	34	39	5	39	E910.0	3	3	-	3
E879.4	7	25	18	25	E896	3	3	-	3	E910.1	33	34	1	34
E879.5	-	1	1	1	E897	25	28	3	28	E910.2	649	653	4	653
E879.6	84	337	253	337	E898.0	16	16	-	16	E910.3	57	58	1	58
E879.7	-	2	2	2	E898.1	63	66	3	66	E910.4	337	382	45	382
E879.8	389	2525	2136	2525	E899	201	294	93	294	E910.8	2304	2370	66	2370

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, 1998

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	581	596	15	596	E923.0	13	13	-	13	E930.8	-	58	58	58
E911	1147	2880	1733	2880	E923.1	3	3	-	3	E930.9	4	117	113	117
E912	2368	18451	16083	18451	E923.2	60	64	4	64	E931.0	2	9	7	9
E913.0	247	266	19	266	E923.8	31	33	2	33	E931.1	-	-	-	-
E913.1	27	28	1	28	E923.9	48	52	4	52	E931.2	-	-	-	-
E913.2	13	15	2	15	E924.0	75	83	8	83	E931.3	-	1	1	1
E913.3	55	59	4	59	E924.1	7	22	15	22	E931.4	-	2	2	2
E913.8	400	428	28	428	E924.8	20	27	7	27	E931.5	-	-	-	-
E913.9	328	422	94	422	E924.9	6	9	3	9	E931.6	-	1	1	1
E914	-	-	-	-	E925.0	59	60	1	60	E931.7	-	12	12	12
E915	23	36	13	36	E925.1	144	149	5	149	E931.8	1	13	12	13
E916	723	748	25	748	E925.2	27	27	-	27	E931.9	-	12	12	12
E917.0	32	38	6	38	E925.8	131	133	2	133	E932.0	3	437	434	437
E917.1	-	-	-	-	E925.9	187	318	131	318	E932.1	-	7	7	7
E917.2	1	1	-	1	E926.0	-	-	-	-	E932.2	-	3	3	3
E917.9	303	322	19	322	E926.1	-	-	-	-	E932.3	8	57	49	57
E918	118	130	12	130	E926.2	-	-	-	-	E932.4	-	3	3	3
E919.0	567	578	11	578	E926.3	-	-	-	-	E932.5	-	1	1	1
E919.1	52	53	1	53	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	114	115	1	115	E926.5	-	-	-	-	E932.7	-	-	-	-
E919.3	8	8	-	8	E926.8	-	-	-	-	E932.8	-	2	2	2
E919.4	12	13	1	13	E926.9	-	-	-	-	E932.9	-	4	4	4
E919.5	1	1	-	1	E927	14	32	18	32	E933.0	1	3	2	3
E919.6	11	11	-	11	E928.0	1	1	-	1	E933.1	6	2068	2062	2068
E919.7	79	80	1	80	E928.1	-	-	-	-	E933.2	-	1	1	1
E919.8	108	111	3	111	E928.2	-	-	-	-	E933.3	-	-	-	-
E919.9	66	68	2	68	E928.8	17	23	6	23	E933.4	-	-	-	-
E920.0	3	3	-	3	E928.9	3173	5057	1884	5057	E933.5	-	1	1	1
E920.1	7	7	-	7	E929.0	297	393	96	393	E933.8	-	-	-	-
E920.2	-	-	-	-	E929.1	15	23	8	23	E933.9	-	1	1	1
E920.3	6	6	-	6	E929.2	11	37	26	37	E934.0	2	8	6	8
E920.4	16	17	1	17	E929.3	244	753	509	753	E934.1	-	2	2	2
E920.8	54	63	9	63	E929.4	5	16	11	16	E934.2	12	1222	1210	1222
E920.9	35	42	7	42	E929.5	11	26	15	26	E934.3	-	-	-	-
E921.0	2	2	-	2	E929.8	56	132	76	132	E934.4	2	173	171	173
E921.1	5	5	-	5	E929.9	266	626	360	626	E934.5	7	45	38	45
E921.8	22	22	-	22	E930.0	3	16	13	16	E934.6	-	2	2	2
E921.9	2	2	-	2	E930.1	-	5	5	5	E934.7	-	-	-	-
E922.0	140	140	-	140	E930.2	-	1	1	1	E934.8	1	5	4	5
E922.1	87	87	-	87	E930.3	-	4	4	4	E934.9	-	1	1	1
E922.2	50	56	6	56	E930.4	-	2	2	2	E935.0	21	50	29	50
E922.3	3	3	-	3	E930.5	3	7	4	7	E935.1	2	25	23	25
E922.8	3	3	-	3	E930.6	-	5	5	5	E935.2	2	14	12	14
E922.9	583	610	28	610	E930.7	1	83	82	83	E935.3	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

ICD-9 CODE	RECORD COUNT BY CODE FIELD			ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			ICD-9 CODE	UC	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY			ENTITY AXIS	UC	RECORD TOTAL MENTION			AXIS SECOND- ARY	ENTITY AXIS	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E935.4	-	13	13	13	E941.3	1	1	-	1	E946.6	-	-	-	-
E935.5	1	3	2	3	E941.9	-	-	-	-	E946.7	-	-	-	-
E935.8	-	24	24	24	E942.0	4	64	60	64	E946.8	-	1	1	1
E935.9	-	9	9	9	E942.1	2	29	27	29	E946.9	-	-	-	-
E936.0	-	-	-	-	E942.2	-	3	3	3	E947.0	-	4	4	4
E936.1	5	19	14	19	E942.3	-	-	-	-	E947.1	-	-	-	-
E936.2	-	-	-	-	E942.4	1	1	-	1	E947.2	-	-	-	-
E936.3	2	16	14	16	E942.5	-	-	-	-	E947.3	-	-	-	-
E936.4	-	1	1	1	E942.6	1	6	5	6	E947.4	1	1	-	1
E937.0	-	-	-	-	E942.7	-	1	1	1	E947.8	30	133	103	133
E937.1	1	1	-	1	E942.8	2	5	3	5	E947.9	105	592	487	592
E937.2	-	-	-	-	E942.9	-	-	-	-	E948.0	-	-	-	-
E937.3	-	-	-	-	E943.0	-	-	-	-	E948.1	-	-	-	-
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-
E937.5	-	-	-	-	E943.2	-	-	-	-	E948.3	-	-	-	-
E937.6	-	-	-	-	E943.3	-	1	1	1	E948.4	-	-	-	-
E937.8	-	-	-	-	E943.4	-	1	1	1	E948.5	-	-	-	-
E937.9	-	7	7	7	E943.5	-	-	-	-	E948.6	-	1	1	1
E938.0	-	-	-	-	E943.6	-	-	-	-	E948.8	-	-	-	-
E938.1	-	-	-	-	E943.8	-	-	-	-	E948.9	-	-	-	-
E938.2	-	1	1	1	E943.9	-	-	-	-	E949.0	-	-	-	-
E938.3	1	3	2	3	E944.0	-	-	-	-	E949.1	-	-	-	-
E938.4	2	24	22	24	E944.1	-	3	3	3	E949.2	-	-	-	-
E938.5	7	24	17	24	E944.2	-	-	-	-	E949.3	-	-	-	-
E938.6	-	-	-	-	E944.3	-	-	-	-	E949.4	-	-	-	-
E938.7	2	3	1	3	E944.4	-	12	12	12	E949.5	-	-	-	-
E938.9	3	50	47	50	E944.5	-	2	2	2	E949.6	-	-	-	-
E939.0	11	17	7	17	E944.6	-	5	5	5	E949.7	-	-	-	-
E939.1	-	10	10	10	E944.7	1	5	4	5	E949.9	-	-	-	-
E939.2	-	6	6	6	E945.0	-	1	1	1	E950.0	508	527	19	527
E939.3	1	12	11	12	E945.1	-	-	-	-	E950.1	86	90	4	90
E939.4	2	6	4	6	E945.2	-	3	3	3	E950.2	35	37	2	37
E939.5	-	-	-	-	E945.3	-	-	-	-	E950.3	702	730	28	730
E939.6	-	-	-	-	E945.4	-	-	-	-	E950.4	930	993	63	993
E939.7	3	8	5	8	E945.5	-	-	-	-	E950.5	877	919	42	919
E939.8	-	6	6	6	E945.6	-	1	1	1	E950.6	28	30	2	30
E939.9	-	3	3	3	E945.7	-	2	2	2	E950.7	29	33	4	33
E940.0	1	1	-	1	E945.8	1	5	4	5	E950.8	2	2	-	2
E940.1	-	-	-	-	E946.0	2	83	81	83	E950.9	149	354	205	354
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	7	7	-	7
E940.9	1	1	-	1	E946.2	-	-	-	-	E951.1	10	12	2	12
E941.0	-	2	2	2	E946.3	-	1	1	1	E951.8	3	5	2	5
E941.1	-	-	-	-	E946.4	-	4	4	4	E952.0	1329	1337	8	1337
E941.2	1	3	2	3	E946.5	-	-	-	-	E952.1	361	366	5	366

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	14	15	1	15	E965.5	-	-	-	-	E983.1	10	12	2	12
E952.9	2	2	-	2	E965.6	-	-	-	-	E983.8	24	25	1	25
E953.0	5164	5169	5	5169	E965.7	1	1	-	1	E983.9	33	35	2	35
E953.1	389	402	13	402	E965.8	2	2	-	2	E984	249	256	7	256
E953.8	14	15	1	15	E965.9	1	1	-	1	E985.0	50	50	-	50
E953.9	159	162	3	162	E966	2087	2150	63	2150	E985.1	27	27	-	27
E954	375	388	13	388	E967.0	4	5	1	5	E985.2	6	6	-	6
E955.0	3541	3556	15	3556	E967.1	4	4	-	4	E985.3	-	-	-	-
E955.1	2303	2329	26	2329	E967.9	186	198	12	198	E985.4	233	241	8	241
E955.2	849	853	4	853	E968.0	190	212	22	212	E985.5	3	3	-	3
E955.3	4	5	1	5	E968.1	29	30	1	30	E986	8	10	2	10
E955.4	10727	10782	55	10782	E968.2	259	270	11	270	E987.0	17	21	4	21
E955.5	5	5	-	5	E968.3	6	6	-	6	E987.1	31	33	2	33
E955.9	3	3	-	3	E968.4	27	40	13	40	E987.2	6	6	-	6
E956	476	506	30	506	E968.8	783	835	52	835	E987.9	2	2	-	2
E957.0	143	145	2	145	E968.9	1467	1580	113	1580	E988.0	9	9	-	9
E957.1	275	278	3	278	E969	90	108	18	108	E988.1	88	91	3	91
E957.2	15	15	-	15	E970	304	304	-	304	E988.2	3	6	3	6
E957.9	188	191	3	191	E971	-	1	1	1	E988.3	5	10	5	10
E958.0	321	323	2	323	E972	3	-	-	-	E988.4	5	5	-	5
E958.1	158	169	11	169	E973	3	3	-	3	E988.5	13	14	1	14
E958.2	2	2	-	2	E974	1	1	-	1	E988.6	-	-	-	-
E958.3	3	6	3	6	E975	6	7	1	7	E988.7	1	1	-	1
E958.4	6	6	-	6	E976	2	2	-	2	E988.8	85	115	30	115
E958.5	133	135	2	135	E977	1	2	1	2	E988.9	324	372	48	372
E958.6	-	-	-	-	E978	62	64	2	64	E989	25	37	12	37
E958.7	1	1	-	1	E980.0	899	938	39	938	E990.0	-	-	-	-
E958.8	138	146	8	146	E980.1	8	9	1	9	E990.9	-	-	-	-
E958.9	96	218	122	218	E980.2	8	9	1	9	E991.0	-	-	-	-
E959	15	20	5	20	E980.3	171	186	15	186	E991.1	-	-	-	-
E960.0	140	166	26	166	E980.4	846	904	58	904	E991.2	-	-	-	-
E960.1	5	7	2	7	E980.5	366	399	33	399	E991.3	-	-	-	-
E961	1	2	1	2	E980.6	1	3	2	3	E991.9	-	1	1	1
E962.0	41	60	19	60	E980.7	4	4	-	4	E992	-	-	-	-
E962.1	20	20	-	20	E980.8	-	-	-	-	E993	1	1	-	1
E962.2	24	24	-	24	E980.9	48	159	111	159	E994	-	-	-	-
E962.9	1	2	1	2	E981.0	-	-	-	-	E995	2	2	-	2
E963	661	698	37	698	E981.1	-	-	-	-	E996	-	1	1	1
E964	66	77	11	77	E981.8	-	-	-	-	E997.0	-	-	-	-
E965.0	1047	1050	3	1050	E982.0	42	44	2	44	E997.1	-	-	-	-
E965.1	747	749	2	749	E982.1	32	32	-	32	E997.2	-	-	-	-
E965.2	141	141	-	141	E982.8	7	7	-	7	E997.8	-	-	-	-
E965.3	-	-	-	-	E982.9	1	1	-	1	E997.9	-	-	-	-
E965.4	9863	9897	34	9897	E983.0	56	58	2	58	E998	-	-	-	-

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, 1998

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	14	45	31	45	N844	...	3	3	3	N896	...	3	3	3
N800	...	73	73	73	N845	...	7	7	7	N897	...	52	52	52
N801	...	846	846	846	N846	...	1	1	1	N900	...	230	230	230
N802	...	307	307	307	N847	...	16	16	16	N901	...	1988	1988	1988
N803	...	3534	3534	3534	N848	...	7	7	7	N902	...	368	368	368
N805	...	4024	4024	4024	N850	...	173	173	173	N903	...	76	76	76
N806	...	2	2	2	N851	...	2306	2306	2306	N904	...	608	608	608
N807	...	2323	2323	2323	N852	...	6497	6497	6497	N905.0	...	13	13	13
N808	...	1433	1433	1433	N853	...	2223	2223	2223	N905.1	...	155	155	155
N809	...	17	17	17	N854	...	27901	27901	27901	N905.2	...	15	15	15
N810	...	116	116	116	N860	...	1329	1329	1329	N905.3	...	373	373	373
N811	...	14	14	14	N861	...	2820	2820	2820	N905.4	...	43	43	43
N812	...	923	923	923	N862	...	8420	8420	8420	N905.5	...	37	37	37
N813	...	121	121	121	N863	...	704	704	704	N905.6	...	12	12	12
N814	...	154	154	154	N864	...	1197	1197	1197	N905.7	...	1	1	1
N815	...	12	12	12	N865	...	711	711	711	N905.8	...	-	-	-
N816	...	8	8	8	N866	...	201	201	201	N905.9	...	4	4	4
N817	...	-	-	-	N867	...	152	152	152	N906.0	...	130	130	130
N818	...	181	181	181	N868	...	3267	3267	3267	N906.1	...	14	14	14
N819	...	23	23	23	N869	...	2573	2573	2573	N906.2	...	-	-	-
N820	...	13639	13639	13639	N870	...	6	6	6	N906.3	...	7	7	7
N821	...	1957	1957	1957	N871	...	35	35	35	N906.4	...	3	3	3
N822	...	89	89	89	N872	...	21	21	21	N906.5	...	-	-	-
N823	...	399	399	399	N873	...	18596	18596	18596	N906.6	...	-	-	-
N824	...	254	254	254	N874	...	1747	1747	1747	N906.7	...	2	2	2
N825	...	35	35	35	N875	...	6847	6847	6847	N906.8	...	1	1	1
N826	...	3	3	3	N876	...	860	860	860	N906.9	...	11	11	11
N827	...	285	285	285	N877	...	69	69	69	N907.0	...	836	836	836
N828	...	190	190	190	N878	...	7	7	7	N907.1	...	4	4	4
N829	...	1383	1383	1383	N879	...	11172	11172	11172	N907.2	...	273	273	273
N830	...	6	6	6	N880	...	162	162	162	N907.3	...	1	1	1
N831	...	34	34	34	N881	...	229	229	229	N907.4	...	-	-	-
N832	...	-	-	-	N882	...	64	64	64	N907.5	...	-	-	-
N833	...	3	3	3	N883	...	7	7	7	N907.9	...	10	10	10
N834	...	-	-	-	N884	...	453	453	453	N908.0	...	19	19	19
N835	...	87	87	87	N885	...	-	-	-	N908.1	...	16	16	16
N836	...	11	11	11	N886	...	14	14	14	N908.2	...	3	3	3
N837	...	3	3	3	N887	...	40	40	40	N908.3	...	13	13	13
N838	...	1	1	1	N890	...	190	190	190	N908.4	...	12	12	12
N839	...	453	453	453	N891	...	227	227	227	N908.5	...	1	1	1
N840	...	3	3	3	N892	...	18	18	18	N908.6	...	31	31	31
N841	...	-	-	-	N893	...	-	-	-	N908.9	...	231	231	231
N842	...	-	-	-	N894	...	46	46	46	N909.0	...	19	19	19
N843	...	3	3	3	N895	...	-	-	-	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, 1998

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	...	12	12	12	N941.3	...	22	22	22	N950	...	9	9	9
N909.3	...	872	872	872	N941.4	...	1	1	1	N951	...	3	3	3
N909.4	...	45	45	45	N942.0	...	199	199	199	N952	...	1844	1844	1844
N909.9	...	17	17	17	N942.1	...	-	-	-	N953	...	4	4	4
N910	...	43	43	43	N942.2	...	8	8	8	N954	...	10	10	10
N911	...	27	27	27	N942.3	...	43	43	43	N955	...	2	2	2
N912	...	5	5	5	N942.4	...	18	18	18	N956	...	2	2	2
N913	...	12	12	12	N943.0	...	43	43	43	N957	...	91	91	91
N914	...	1	1	1	N943.1	...	-	-	-	N958.0	...	48	48	48
N915	...	-	-	-	N943.2	...	2	2	2	N958.1	...	167	167	167
N916	...	14	14	14	N943.3	...	16	16	16	N958.2	...	-	-	-
N917	...	3	3	3	N943.4	...	1	1	1	N958.3	...	25	25	25
N918	...	1	1	1	N944.0	...	7	7	7	N958.4	...	785	785	785
N919	...	96	96	96	N944.1	...	1	1	1	N958.5	...	2	2	2
N920	...	164	164	164	N944.2	...	1	1	1	N958.6	...	1	1	1
N921	...	23	23	23	N944.3	...	1	1	1	N958.7	...	174	174	174
N922	...	161	161	161	N944.4	...	-	-	-	N958.8	...	3158	3158	3158
N923	...	24	24	24	N945.0	...	55	55	55	N959.0	...	3229	3229	3229
N924	...	421	421	421	N945.1	...	1	1	1	N959.1	...	3808	3808	3808
N925	...	40	40	40	N945.2	...	3	3	3	N959.2	...	92	92	92
N926	...	37	37	37	N945.3	...	15	15	15	N959.3	...	71	71	71
N927	...	6	6	6	N945.4	...	2	2	2	N959.4	...	14	14	14
N928	...	15	15	15	N947.0	...	1	1	1	N959.5	...	1	1	1
N929	...	451	451	451	N947.1	...	14	14	14	N959.6	...	139	139	139
N930	...	-	-	-	N947.2	...	-	-	-	N959.7	...	267	267	267
N931	...	-	-	-	N947.3	...	2	2	2	N959.8	...	17921	17921	17921
N932	...	1	1	1	N947.4	...	-	-	-	N959.9	...	8004	8004	8004
N933	...	14515	14515	14515	N947.8	...	-	-	-	N960.0	...	1	1	1
N934	...	570	570	570	N947.9	...	15	15	15	N960.1	...	4	4	4
N935	...	56	56	56	N948.0	...	9	9	9	N960.2	...	1	1	1
N936	...	10	10	10	N948.1	...	37	37	37	N960.3	...	1	1	1
N937	...	2	2	2	N948.2	...	43	43	43	N960.4	...	1	1	1
N938	...	12	12	12	N948.3	...	53	53	53	N960.5	...	1	1	1
N939	...	4	4	4	N948.4	...	54	54	54	N960.6	...	3	3	3
N940.0	...	-	-	-	N948.5	...	53	53	53	N960.7	...	45	45	45
N940.1	...	-	-	-	N948.6	...	50	50	50	N960.8	...	11	11	11
N940.2	...	-	-	-	N948.7	...	61	61	61	N960.9	...	5	5	5
N940.3	...	-	-	-	N948.8	...	55	55	55	N961.0	...	2	2	2
N940.4	...	-	-	-	N948.9	...	284	284	284	N961.1	...	1	1	1
N940.5	...	-	-	-	N949.0	...	1925	1925	1925	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	4	4	4	N961.3	...	-	-	-
N941.0	...	51	51	51	N949.2	...	48	48	48	N961.4	...	7	7	7
N941.1	...	1	1	1	N949.3	...	143	143	143	N961.5	...	-	-	-
N941.2	...	4	4	4	N949.4	...	24	24	24	N961.6	...	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	...	2	2	2	N967.0	...	282	282	282	N972.7	...	1	1	1
N961.8	...	2	2	2	N967.1	...	8	8	8	N972.8	...	2	2	2
N961.9	...	3	3	3	N967.2	...	-	-	-	N972.9	...	4	4	4
N962.0	...	12	12	12	N967.3	...	-	-	-	N973.0	...	3	3	3
N962.1	...	1	1	1	N967.4	...	2	2	2	N973.1	...	-	-	-
N962.2	...	-	-	-	N967.5	...	4	4	4	N973.2	...	-	-	-
N962.3	...	64	64	64	N967.6	...	-	-	-	N973.3	...	2	2	2
N962.4	...	-	-	-	N967.8	...	47	47	47	N973.4	...	2	2	2
N962.5	...	-	-	-	N967.9	...	47	47	47	N973.5	...	-	-	-
N962.6	...	-	-	-	N968.0	...	126	126	126	N973.6	...	-	-	-
N962.7	...	1	1	1	N968.1	...	-	-	-	N973.8	...	-	-	-
N962.8	...	1	1	1	N968.2	...	22	22	22	N973.9	...	-	-	-
N962.9	...	-	-	-	N968.3	...	21	21	21	N974.0	...	-	-	-
N963.0	...	357	357	357	N968.4	...	1	1	1	N974.1	...	65	65	65
N963.1	...	60	60	60	N968.5	...	4439	4439	4439	N974.2	...	-	-	-
N963.2	...	-	-	-	N968.6	...	-	-	-	N974.3	...	6	6	6
N963.3	...	1	1	1	N968.7	...	5	5	5	N974.4	...	2	2	2
N963.4	...	1	1	1	N968.9	...	30	30	30	N974.5	...	2	2	2
N963.5	...	1	1	1	N969.0	...	1741	1741	1741	N974.6	...	15	15	15
N963.8	...	1	1	1	N969.1	...	150	150	150	N974.7	...	10	10	10
N963.9	...	-	-	-	N969.2	...	8	8	8	N975.0	...	1	1	1
N964.0	...	3	3	3	N969.3	...	63	63	63	N975.1	...	13	13	13
N964.1	...	2	2	2	N969.4	...	962	962	962	N975.2	...	42	42	42
N964.2	...	92	92	92	N969.5	...	187	187	187	N975.3	...	1	1	1
N964.3	...	1	1	1	N969.6	...	54	54	54	N975.4	...	23	23	23
N964.4	...	6	6	6	N969.7	...	557	557	557	N975.5	...	4	4	4
N964.5	...	2	2	2	N969.8	...	21	21	21	N975.6	...	23	23	23
N964.6	...	1	1	1	N969.9	...	4	4	4	N975.7	...	6	6	6
N964.7	...	2	2	2	N970.0	...	-	-	-	N975.8	...	10	10	10
N964.8	...	1	1	1	N970.1	...	-	-	-	N976.0	...	12	12	12
N964.9	...	-	-	-	N970.8	...	1	1	1	N976.1	...	-	-	-
N965.0	...	6575	6575	6575	N970.9	...	2	2	2	N976.2	...	1	1	1
N965.1	...	185	185	185	N971.0	...	-	-	-	N976.3	...	2	2	2
N965.4	...	488	488	488	N971.1	...	31	31	31	N976.4	...	4	4	4
N965.5	...	3	3	3	N971.2	...	31	31	31	N976.5	...	-	-	-
N965.6	...	19	19	19	N971.3	...	1	1	1	N976.6	...	2	2	2
N965.7	...	604	604	604	N971.9	...	-	-	-	N976.7	...	3	3	3
N965.8	...	821	821	821	N972.0	...	199	199	199	N976.8	...	-	-	-
N965.9	...	45	45	45	N972.1	...	421	421	421	N976.9	...	-	-	-
N966.0	...	-	-	-	N972.2	...	-	-	-	N977.0	...	18	18	18
N966.1	...	54	54	54	N972.3	...	-	-	-	N977.1	...	-	-	-
N966.2	...	-	-	-	N972.4	...	17	17	17	N977.2	...	-	-	-
N966.3	...	125	125	125	N972.5	...	1	1	1	N977.3	...	-	-	-
N966.4	...	4	4	4	N972.6	...	17	17	17	N977.4	...	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1998

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	...	202	202	202	N985.3	...	1	1	1	N992.2	...	-	-	-
N977.9	...	7791	7791	7791	N985.4	...	1	1	1	N992.3	...	1	1	1
N978.0	...	-	-	-	N985.5	...	3	3	3	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	68	68	68
N978.2	...	-	-	-	N985.8	...	83	83	83	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	1	1	1	N992.7	...	1	1	1
N978.4	...	-	-	-	N986	...	3129	3129	3129	N992.8	...	20	20	20
N978.5	...	-	-	-	N987.0	...	38	38	38	N992.9	...	204	204	204
N978.6	...	-	-	-	N987.1	...	26	26	26	N993.0	...	-	-	-
N978.8	...	-	-	-	N987.2	...	1	1	1	N993.1	...	-	-	-
N978.9	...	-	-	-	N987.3	...	-	-	-	N993.2	...	22	22	22
N979.0	...	-	-	-	N987.4	...	16	16	16	N993.3	...	5	5	5
N979.1	...	-	-	-	N987.5	...	-	-	-	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	1	1	1	N993.8	...	-	-	-
N979.3	...	-	-	-	N987.7	...	-	-	-	N993.9	...	12	12	12
N979.4	...	-	-	-	N987.8	...	2544	2544	2544	N994.0	...	24	24	24
N979.5	...	-	-	-	N987.9	...	308	308	308	N994.1	...	5977	5977	5977
N979.6	...	-	-	-	N988.0	...	1	1	1	N994.2	...	184	184	184
N979.7	...	-	-	-	N988.1	...	1	1	1	N994.3	...	15	15	15
N979.9	...	15	15	15	N988.2	...	1	1	1	N994.4	...	-	-	-
N980.0	...	1181	1181	1181	N988.8	...	1	1	1	N994.5	...	24	24	24
N980.1	...	27	27	27	N988.9	...	-	-	-	N994.6	...	-	-	-
N980.2	...	37	37	37	N989.0	...	40	40	40	N994.7	...	9143	9143	9143
N980.3	...	1	1	1	N989.1	...	10	10	10	N994.8	...	605	605	605
N980.8	...	-	-	-	N989.2	...	2	2	2	N994.9	...	265	265	265
N980.9	...	719	719	719	N989.3	...	15	15	15	N995.0	...	168	168	168
N981	...	6	6	6	N989.4	...	21	21	21	N995.1	...	41	41	41
N982.0	...	20	20	20	N989.5	...	67	67	67	N995.2	...	265	265	265
N982.1	...	1	1	1	N989.6	...	2	2	2	N995.3	...	75	75	75
N982.2	...	-	-	-	N989.7	...	1	1	1	N995.4	...	1	1	1
N982.3	...	11	11	11	N989.8	...	48	48	48	N995.5	...	210	210	210
N982.4	...	-	-	-	N989.9	...	74	74	74	N995.8	...	17	17	17
N982.8	...	91	91	91	N990	...	32	32	32	N996.0	...	281	281	281
N983.0	...	4	4	4	N991.0	...	1	1	1	N996.1	...	73	73	73
N983.1	...	20	20	20	N991.1	...	1	1	1	N996.2	...	27	27	27
N983.2	...	15	15	15	N991.2	...	-	-	-	N996.3	...	14	14	14
N983.9	...	24	24	24	N991.3	...	5	5	5	N996.4	...	15	15	15
N984.0	...	-	-	-	N991.4	...	2	2	2	N996.5	...	241	241	241
N984.1	...	-	-	-	N991.5	...	-	-	-	N996.6	...	2014	2014	2014
N984.8	...	-	-	-	N991.6	...	790	790	790	N996.7	...	6222	6222	6222
N984.9	...	4	4	4	N991.8	...	2	2	2	N996.8	...	1076	1076	1076
N985.0	...	4	4	4	N991.9	...	167	167	167	N996.9	...	6	6	6
N985.1	...	3	3	3	N992.0	...	308	308	308	N997.0	...	769	769	769
N985.2	...	-	-	-	N992.1	...	-	-	-	N997.1	...	2846	2846	2846

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, 1998

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
N997.2	...	470	470	470							
N997.3	...	4055	4055	4055							
N997.4	...	990	990	990							
N997.5	...	568	568	568							
N997.6	...	165	165	165							
N997.9	...	308	308	308							
N998.0	...	349	349	349							
N998.1	...	925	925	925							
N998.2	...	512	512	512							
N998.3	...	231	231	231							
N998.4	...	9	9	9							
N998.5	...	2335	2335	2335							
N998.6	...	81	81	81							
N998.7	...	16	16	16							
N998.8	...	652	652	652							
N998.9	...	553	553	553							
N999.0	...	1	1	1							
N999.1	...	9	9	9							
N999.2	...	7	7	7							
N999.3	...	97	97	97							
N999.4	...	-	-	-							
N999.5	...	4	4	4							
N999.6	...	4	4	4							
N999.7	...	1	1	1							
N999.8	...	743	743	743							
N999.9	...	427	427	427							

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	18	-	1	1	1	1	3	1	-	2	1	7	-
007-009.....	1,869	298	22	3	7	6	27	47	83	258	572	546	-
010-018.....	2,585	1	4	3	26	77	251	286	343	550	667	377	-
010-012.....	1,714	-	1	-	12	45	159	179	206	354	467	291	-
013-018.....	890	1	3	3	15	33	93	108	141	202	203	88	-
033.....	8	7	1	-	-	-	-	-	-	-	-	-	-
034-035.....	16	-	1	2	-	1	1	2	1	5	3	-	-
036.....	256	25	35	32	52	26	22	24	7	13	9	11	-
038.....	115,297	714	265	274	560	1,402	4,064	7,370	11,759	23,605	35,385	29,891	8
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-	-
070.....	8,733	4	4	5	44	245	1,725	2,527	1,403	1,476	1,047	253	-
090-097.....	197	4	-	1	2	10	17	14	24	28	53	44	-
REM. 001-139 1/..	30,417	406	161	232	435	3,774	7,987	5,549	3,145	3,279	3,331	2,115	3
140-208.....	607,568	93	389	1,071	1,780	4,615	17,745	47,718	92,218	169,446	182,401	90,078	14
140-149.....	9,672	-	1	6	23	58	320	1,144	2,023	2,663	2,295	1,139	-

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
150-159.....	144,600	6	17	26	126	672	3,244	10,827	20,664	38,637	44,954	25,423	4
160-165.....	173,333	4	3	10	48	255	2,994	12,591	32,670	60,986	50,086	13,684	2
174-175.....	52,066	-	-	-	6	521	3,119	6,680	8,137	11,370	12,926	9,306	1
179-187.....	75,692	-	-	5	86	523	1,672	3,602	7,103	17,383	27,775	17,542	1
188-189.....	29,369	4	21	37	26	77	508	1,767	3,770	7,526	9,845	5,788	-
170-173, 190-199.	165,160	51	214	613	813	1,813	6,272	15,278	27,120	46,037	46,046	20,898	5
204-208.....	24,847	26	128	365	494	536	1,006	1,517	2,656	5,915	7,831	4,372	1
200-203.....	41,849	5	19	63	274	683	1,484	3,082	5,592	11,160	13,634	5,852	1
210-239.....	13,878	93	66	109	162	249	479	786	1,238	2,705	4,349	3,642	-
250.....	202,322	2	9	31	232	1,105	3,857	11,212	25,031	52,107	68,712	40,021	3
260-269.....	32,955	35	14	25	68	196	539	1,024	1,925	4,818	10,437	13,871	3
280-285.....	44,521	63	74	113	223	517	1,042	1,614	2,907	6,883	13,879	17,205	1
320-322.....	2,015	172	79	53	61	105	241	278	279	341	316	90	-
390-448.....	1,378,638	2,834	939	1,314	3,074	8,387	28,509	64,740	120,869	263,791	443,366	440,733	82
390-398, 402, 404-429.....	1,160,353	2,273	779	1,093	2,658	7,189	24,589	56,314	105,416	225,208	368,807	365,956	71
390-398.....	8,982	12	5	10	45	114	302	534	1,005	2,051	2,979	1,925	-

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
402.....	45,926	4	1	1	32	362	1,701	3,947	5,590	8,494	12,514	13,274	6
404.....	3,202	-	-	-	4	26	88	151	243	593	1,131	966	-
410-414.....	593,466	71	25	40	195	1,337	8,190	24,944	53,028	120,463	197,884	187,266	23
410.....	241,734	43	19	24	114	679	4,272	13,376	27,051	53,432	78,858	63,858	8
411.....	5,847	5	-	1	10	45	217	525	740	1,138	1,579	1,587	-
413.....	3,451	-	-	-	2	4	25	79	223	570	1,165	1,383	-
412, 414.....	445,456	28	7	17	92	810	5,315	16,217	35,993	87,926	150,430	148,603	18
424.....	39,518	31	15	17	73	198	583	1,080	2,033	5,997	13,755	15,734	2
415-423, 425-429.	842,894	2,196	755	1,063	2,484	6,013	18,324	39,468	73,416	158,336	265,689	275,099	51
401, 403.....	178,033	27	5	11	57	478	2,430	7,652	16,586	36,464	60,493	53,825	5
430-438.....	277,747	591	172	240	401	1,137	3,990	8,872	17,074	45,476	97,791	101,990	13
431-432.....	36,159	143	56	99	187	489	1,710	3,328	4,357	7,742	11,704	6,340	4
434.0, 434.9.....	18,249	97	25	42	46	117	335	638	1,200	2,881	6,105	6,763	-
434.1.....	1,892	1	1	3	5	10	38	93	138	376	672	555	-
430, 433, 435-438	226,868	366	98	112	185	603	2,141	5,193	11,872	35,409	80,927	89,953	9
440.....	71,318	2	4	1	14	69	383	1,410	3,941	11,241	23,861	30,391	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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
441-448.....	55,210	37	12	32	111	325	805	1,732	4,279	12,345	20,132	15,399	1
466.....	1,470	78	34	6	12	15	30	53	113	260	397	472	-
480-487.....	214,259	818	334	339	616	1,460	3,839	6,636	12,506	32,841	70,480	84,382	8
480-486.....	212,064	808	328	321	605	1,456	3,812	6,600	12,410	32,635	69,817	83,264	8
487.....	2,195	10	6	18	11	4	27	36	96	206	663	1,118	-
490-496.....	247,086	59	84	200	343	523	1,843	6,662	23,061	67,485	95,071	51,744	11
490-491.....	6,468	40	26	22	38	33	119	251	570	1,366	2,108	1,895	-
492.....	33,577	5	-	-	8	27	247	1,087	3,845	10,631	12,681	5,045	1
493.....	12,255	9	52	158	264	385	804	1,246	1,532	2,322	3,157	2,326	-
494-496.....	195,645	6	8	22	38	85	694	4,139	17,236	53,401	77,405	42,601	10
531-533.....	12,265	12	5	7	22	64	233	591	1,037	2,287	4,155	3,852	-
540-543.....	798	9	6	17	16	16	51	49	92	161	229	151	1
550-553, 560.....	18,577	176	36	37	55	110	320	711	1,380	3,153	6,030	6,569	-
571.....	41,113	42	14	14	83	799	5,168	8,849	8,290	9,521	6,640	1,684	9
574-575.....	6,081	17	8	4	15	58	129	262	463	1,112	2,054	1,959	-
580-589.....	133,180	792	82	137	314	1,091	3,364	6,622	11,940	28,240	44,543	36,051	4

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
580-581.....	1,235	19	4	5	8	11	46	74	105	242	433	288	-
582-583, 587...	6,199	7	5	7	18	74	149	213	396	1,052	2,125	2,153	-
584-586, 588-589.....	126,987	768	74	128	298	1,028	3,221	6,396	11,533	27,174	42,405	33,958	4
590.....	1,743	11	2	3	8	25	75	111	138	271	498	601	-
600.....	2,573	-	-	-	-	-	2	11	89	406	1,053	1,011	1
630-676.....	333	...	...	-	84	161	86	2	...	...	...	...	-
630-638.....	40	...	...	-	10	21	9	-	...	...	...	...	-
640-676.....	297	...	...	-	74	143	78	2	...	...	...	...	-
740-759.....	17,420	7,153	744	527	615	667	875	999	1,097	1,403	1,979	1,358	3
760-779.....	18,061	17,783	148	54	19	18	13	3	5	6	7	4	1
767-769.....	3,248	3,179	37	17	5	1	1	2	2	2	2	-	-
760-766, 770-779.....	17,570	17,347	119	41	16	17	12	1	3	4	5	4	1
780-799.....	414,727	6,061	1,179	1,407	2,981	5,658	13,192	21,879	37,897	81,813	126,161	116,385	114
RESIDUAL 2/.....	706,456	3,567	1,518	1,993	4,540	9,466	25,333	41,672	60,643	122,250	213,187	222,247	40
E800-E949.....	164,469	1,248	2,243	3,625	13,989	13,104	17,759	15,082	13,429	21,455	32,833	29,588	114

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
E810-E825.....	44,505	170	762	1,875	10,082	7,170	7,037	5,118	3,566	3,597	3,702	1,396	30
E800-E807, E826-E949.....	120,333	1,079	1,483	1,757	3,968	5,990	10,795	10,004	9,900	17,891	29,176	28,206	84
E950-E959.....	30,840	...	...	324	4,145	5,390	6,869	5,172	2,993	2,640	2,407	883	17
E960-E978.....	18,476	347	405	463	5,518	4,592	3,596	1,771	788	488	335	116	57
E980-E999.....	4,031	87	48	68	352	758	1,339	767	237	140	131	79	25
N800-N999.....	201,315	1,561	2,609	4,370	23,650	23,362	28,716	21,720	15,925	21,636	30,962	26,603	201
N800-N848.....	29,804	88	184	355	1,822	1,442	1,602	1,358	1,319	2,590	7,219	11,814	11
N850-N854.....	34,831	329	710	1,342	6,141	4,518	4,727	3,619	2,603	3,107	4,532	3,165	38
N860-N869.....	16,799	85	191	423	3,219	2,584	2,709	2,048	1,474	1,556	1,693	809	8
N870-N897.....	33,762	14	106	583	7,925	6,944	6,345	4,149	2,573	2,268	2,089	730	36
N900-N904.....	3,169	1	16	36	576	519	534	399	300	278	315	195	-
N905-N909.....	3,038	9	14	35	69	144	302	310	296	457	672	729	1
N910-N929.....	1,383	16	33	32	128	119	190	170	131	157	215	191	1
N930-N939.....	15,097	149	148	134	211	303	602	808	1,107	2,224	4,661	4,749	1
N940-N949.....	2,928	34	136	147	302	303	407	357	288	360	382	209	3
N950-N957.....	1,961	6	31	52	251	219	276	219	166	264	310	165	2

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
N958-N959.....	34,812	151	432	1,008	5,873	5,067	5,322	4,047	2,809	3,089	3,941	3,035	38
N960-N995.....	41,910	718	1,076	1,255	4,365	7,104	11,276	7,121	2,944	2,309	2,311	1,330	101
N996-N999.....	25,739	292	201	213	317	473	1,090	2,032	3,296	6,562	7,580	3,681	2
*042-*044 3/.....	16,972	20	35	66	231	3,378	7,099	4,203	1,352	461	111	13	3
331.0 4/.....	42,957	-	1	-	-	-	13	57	407	3,414	16,190	22,874	1

- 1/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
- 2/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
- 3/ INCLUDED IN REM. 001-139.
- 4/ INCLUDED IN RESIDUAL.
- 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, 1998

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

CAUSE OF DEATH	AGE												
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	N.S.
ALL CAUSES.....	2,337,256	28,371	5,251	7,791	30,627	42,516	88,866	146,479	233,724	458,982	681,663	612,575	411
004, 006.....	8	-	-	1	-	-	2	-	-	-	1	4	-
007-009.....	1,059	229	19	1	4	3	13	22	46	127	293	302	-
010-018.....	1,112	-	3	1	11	38	108	114	151	229	280	177	-
010-012.....	815	-	-	-	7	25	64	84	103	169	218	145	-
013-018.....	297	-	3	1	4	13	44	30	48	60	62	32	-
033.....	5	4	1	-	-	-	-	-	-	-	-	-	-
034-035.....	8	-	1	2	-	1	-	-	1	2	1	-	-
036.....	234	23	33	32	50	22	17	23	5	10	9	10	-
038.....	23,731	216	89	56	104	257	671	1,231	2,093	4,474	7,431	7,107	2
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-	-
070.....	4,796	2	2	3	26	120	903	1,333	740	854	660	153	-
090-097.....	45	2	-	-	-	2	6	3	4	7	10	11	-
REM. 001-139 1/..	20,254	272	109	138	309	3,208	6,389	3,929	1,941	1,673	1,454	829	3
140-208.....	541,532	78	365	1,013	1,699	4,385	17,022	45,747	87,024	154,753	158,517	70,916	13

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, 1998

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

CAUSE OF DEATH	AGE												
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	N.S.
140-149.....	7,965	-	1	4	23	55	306	1,038	1,749	2,145	1,766	878	-
150-159.....	128,683	5	17	24	124	650	3,110	10,341	19,427	35,258	39,144	20,579	4
160-165.....	159,736	4	3	10	46	243	2,897	12,086	30,892	56,193	45,232	12,128	2
174-175.....	42,086	-	-	-	5	509	3,024	6,375	7,434	9,539	9,571	5,628	1
179-187.....	58,367	-	-	4	81	495	1,600	3,381	6,340	14,190	20,618	11,657	1
188-189.....	23,768	3	21	34	25	75	478	1,667	3,358	6,303	7,646	4,158	-
170-173, 190-199.....	65,389	42	191	555	699	1,251	3,387	6,787	10,592	16,727	17,002	8,153	3
204-208.....	20,324	19	116	328	447	495	929	1,355	2,326	4,953	6,255	3,100	1
200-203.....	35,214	5	16	54	249	612	1,291	2,717	4,906	9,445	11,283	4,635	1
210-239.....	7,933	60	53	84	121	175	331	517	773	1,520	2,358	1,941	-
250.....	64,751	2	6	20	137	636	1,885	4,386	8,705	16,490	20,529	11,955	-
260-269.....	4,077	11	5	3	7	12	43	56	119	344	1,166	2,311	-
280-285.....	4,544	23	31	46	93	168	220	202	235	572	1,261	1,693	-
320-322.....	768	107	48	34	38	37	91	92	78	96	106	41	-
390-448.....	940,565	932	277	429	1,308	4,161	17,076	42,589	78,804	170,010	300,064	324,850	65

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATE
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
390-398, 402, 404-429.....	724,859	609	214	326	1,057	3,207	13,593	35,056	65,068	135,295	226,769	243,609	56
390-398.....	4,792	2	1	4	33	82	195	328	549	1,068	1,518	1,012	-
402.....	27,715	1	1	-	24	205	1,003	2,362	3,334	4,897	7,273	8,610	5
404.....	2,412	-	-	-	4	22	55	107	165	412	833	814	-
410-414.....	459,841	19	7	23	111	936	6,535	20,165	40,968	89,625	149,668	151,765	19
410.....	203,551	12	6	13	57	488	3,489	11,196	22,227	43,730	66,288	56,038	7
411.....	2,907	1	-	-	5	13	100	263	404	569	771	781	-
413.....	650	-	-	-	-	2	9	23	43	86	209	278	-
412, 414...	252,733	6	1	10	49	433	2,937	8,683	18,294	45,240	82,400	94,668	12
424.....	18,520	19	5	8	38	96	325	552	882	2,447	6,056	8,090	2
415-423, 425-429.....	211,579	568	200	291	847	1,866	5,480	11,542	19,170	36,846	61,421	73,318	30
401, 403.....	14,308	12	-	4	7	55	238	593	1,126	2,495	4,575	5,203	-
430-438.....	158,448	296	57	82	178	670	2,650	5,709	9,653	23,912	54,428	60,804	9
431-432.....	26,230	37	15	28	68	248	1,056	2,287	3,042	5,585	8,924	4,936	4
434.0, 434.9.	10,958	25	1	10	12	32	135	293	598	1,554	3,716	4,582	-

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
434.1.....	570	-	-	-	1	1	10	17	38	105	227	171	-
430, 433, 435-438.....	120,690	234	41	44	97	389	1,449	3,112	5,975	16,668	41,561	51,115	5
440.....	15,279	1	1	-	2	10	41	172	560	1,687	4,407	8,398	-
441-448.....	27,671	14	5	17	64	219	554	1,059	2,397	6,621	9,885	6,836	-
466.....	452	44	18	2	6	6	9	15	27	57	110	158	-
480-487.....	91,871	441	146	121	215	531	1,400	2,167	3,856	11,005	28,857	43,127	5
480-486.....	90,147	435	143	107	205	530	1,383	2,146	3,795	10,853	28,344	42,201	5
487.....	1,724	6	3	14	10	1	17	21	61	152	513	926	-
490-496.....	112,584	39	49	152	239	328	884	2,828	10,162	31,102	43,718	23,076	7
490-491.....	3,032	27	12	11	10	13	41	101	279	676	1,048	814	-
492.....	17,555	1	-	-	4	12	82	476	2,000	5,835	6,717	2,428	-
493.....	5,438	7	33	131	214	277	487	647	673	972	1,190	807	-
494-496.....	86,559	4	4	10	11	26	274	1,604	7,210	23,619	34,763	19,027	7
531-533.....	4,695	4	2	3	8	35	109	256	417	845	1,496	1,520	-
540-543.....	439	9	5	15	12	11	29	29	53	76	121	79	-
550-553, 560.....	6,635	69	20	19	24	33	95	210	341	874	2,182	2,768	-

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, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
571.....	25,192	16	1	4	22	506	3,370	5,744	5,279	5,655	3,703	887	5
574-575.....	2,822	2	5	1	8	29	56	107	179	496	954	985	-
580-589.....	26,182	138	12	20	43	149	436	932	1,812	4,778	9,058	8,804	-
580-581.....	325	11	2	4	1	3	7	17	23	59	109	89	-
582-583, 587...	1,715	1	1	3	8	22	47	67	121	295	573	577	-
584-586, 588- 589.....	24,142	126	9	13	34	124	382	848	1,668	4,424	8,376	8,138	-
590.....	828	5	-	-	2	7	31	43	58	120	240	322	-
600.....	410	-	-	-	-	-	-	1	13	26	163	206	1
630-676.....	281	...	...	-	67	140	73	1	...	...	...	...	-
630-638.....	32	...	...	-	9	15	8	-	...	...	...	...	-
640-676.....	249	...	...	-	58	125	65	1	...	...	...	...	-
740-759.....	11,934	6,212	564	371	450	452	545	525	519	651	998	646	1
760-779.....	13,428	13,294	75	26	6	8	8	2	4	1	1	2	1
767-769.....	1,997	1,950	27	11	3	-	1	2	2	1	-	-	-
760-766, 770- 779.....	11,431	11,344	48	15	3	8	7	-	2	-	1	2	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
780-799.....	25,992	3,658	219	156	558	1,058	1,966	1,935	1,734	2,902	4,619	7,099	88
RESIDUAL 2/.....	247,644	1,328	716	934	1,728	3,289	8,261	12,906	17,268	37,169	75,825	88,208	12
E800-E949.....	97,835	754	1,935	3,254	13,349	12,045	15,127	10,946	7,340	8,892	12,711	11,372	110
E810-E825.....	43,501	162	759	1,868	10,026	7,132	6,963	4,996	3,420	3,410	3,457	1,278	30
E800-E807, E826-E949.....	54,334	592	1,176	1,386	3,323	4,913	8,164	5,950	3,920	5,482	9,254	10,094	80
E950-E959.....	30,575	...	...	324	4,135	5,365	6,837	5,131	2,963	2,597	2,355	851	17
E960-E978.....	18,272	322	399	460	5,506	4,565	3,567	1,744	766	468	318	101	56
E980-E999.....	3,763	75	43	66	342	734	1,286	713	214	107	94	64	25
*042-*044 3/.....	13,426	14	32	54	194	2,912	5,746	3,120	979	301	64	7	3
331.0 4/.....	22,725	-	1	-	-	-	9	39	259	1,907	8,367	12,142	1

1/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
2/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
3/ INCLUDED IN REM. 001-139.
4/ INCLUDED IN RESIDUAL.
- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
004, 006.....	18	-	1	1	1	1	3	1	-	2	1	7	-
007-009.....	1,922	298	22	5	8	17	53	55	86	258	573	547	-
010-018.....	2,677	1	4	3	26	91	297	309	351	549	669	377	-
010-012.....	1,818	-	1	-	12	54	200	203	215	360	479	294	-
013-018.....	886	1	3	3	15	39	100	107	141	196	197	84	-
033.....	8	7	1	-	-	-	-	-	-	-	-	-	-
034-035.....	16	-	1	2	-	1	1	2	1	5	3	-	-
036.....	256	25	35	32	52	26	22	24	7	13	9	11	-
038.....	116,422	717	274	281	573	1,579	4,436	7,591	11,859	23,685	35,464	29,954	9
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-	-
070.....	8,733	4	4	5	44	245	1,725	2,527	1,403	1,476	1,047	253	-
090-097.....	197	4	-	1	2	10	17	14	24	28	53	44	-
REM. 001-139 1/..	30,976	413	165	236	441	3,781	7,978	5,572	3,207	3,397	3,507	2,276	3
140-208.....	608,536	93	389	1,071	1,789	4,838	18,170	47,926	92,268	169,475	182,419	90,084	14
140-149.....	9,674	-	1	6	23	58	320	1,144	2,023	2,664	2,296	1,139	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMER'S DISEASE

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
150-159.....	144,618	6	17	26	126	672	3,244	10,830	20,666	38,640	44,959	25,428	4
160-165.....	173,339	4	3	10	48	255	2,994	12,591	32,671	60,988	50,088	13,685	2
174-175.....	52,067	-	-	-	6	521	3,119	6,680	8,137	11,371	12,926	9,306	1
179-187.....	75,693	-	-	5	86	523	1,672	3,602	7,103	17,383	27,776	17,542	1
188-189.....	29,369	4	21	37	26	77	508	1,767	3,770	7,526	9,845	5,788	-
170-173, 190-199.....	166,173	51	214	613	816	1,909	6,472	15,398	27,236	46,222	46,239	20,998	5
204-208.....	24,847	26	128	365	494	536	1,006	1,517	2,656	5,915	7,831	4,372	1
200-203.....	42,489	5	19	63	281	823	1,745	3,232	5,632	11,187	13,646	5,855	1
210-239.....	14,349	94	71	112	168	260	509	836	1,311	2,835	4,465	3,688	-
250.....	202,322	2	9	31	232	1,105	3,857	11,212	25,031	52,107	68,712	40,021	3
260-269.....	33,743	35	14	25	69	202	584	1,088	2,039	4,957	10,647	14,080	3
280-285.....	44,573	77	74	113	223	521	1,051	1,617	2,909	6,891	13,887	17,209	1
320-322.....	2,030	172	80	56	61	105	242	280	279	342	320	93	-
390-448.....	1,381,480	2,842	943	1,321	3,077	8,402	28,579	64,876	121,149	264,376	444,265	441,567	83
390-398, 402,404-429....	1,160,611	2,281	783	1,100	2,662	7,196	24,622	56,344	105,447	225,241	368,828	366,034	73

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
390-398.....	8,984	12	5	10	45	114	302	534	1,006	2,051	2,979	1,926	-
402.....	37,193	3	1	1	32	358	1,650	3,665	4,960	7,247	9,987	9,283	6
404.....	173	-	-	-	-	-	2	4	6	25	55	81	-
410-414.....	593,466	71	25	40	195	1,337	8,190	24,944	53,028	120,463	197,884	187,266	23
410.....	241,734	43	19	24	114	679	4,272	13,376	27,051	53,432	78,858	63,858	8
411.....	5,847	5	-	1	10	45	217	525	740	1,138	1,579	1,587	-
413.....	3,451	-	-	-	2	4	25	79	223	570	1,165	1,383	-
412, 414...	445,456	28	7	17	92	810	5,315	16,217	35,993	87,926	150,430	148,603	18
424.....	39,638	31	15	17	73	201	588	1,090	2,050	6,033	13,791	15,747	2
415-423, 425-429.....	851,535	2,206	759	1,070	2,491	6,049	18,462	39,803	74,052	159,712	268,301	278,577	53
401, 403.....	193,954	28	5	11	62	526	2,624	8,272	17,780	39,076	65,405	60,160	5
430-438.....	277,911	591	172	240	401	1,137	3,990	8,868	17,071	45,484	97,853	102,091	13
431-432.....	36,902	143	57	100	194	515	1,784	3,452	4,503	7,905	11,849	6,395	5
434.0, 434.9.	18,422	97	25	42	46	120	341	650	1,213	2,910	6,161	6,817	-
434.1.....	1,892	1	1	3	5	10	38	93	138	376	672	555	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
430,433, 435-438.....	233,184	367	98	114	188	622	2,218	5,405	12,388	36,589	83,403	91,784	8
440.....	77,625	2	4	1	15	70	398	1,458	4,190	12,252	26,027	33,207	1
441-448.....	66,209	38	12	32	115	351	982	2,279	5,678	15,340	24,056	17,325	1
466.....	1,611	85	36	8	13	17	37	62	128	282	427	516	-
480-487.....	218,401	829	341	345	648	1,767	4,525	7,055	12,817	33,391	71,446	85,229	8
480-486.....	217,035	821	336	333	639	1,765	4,507	7,029	12,753	33,255	71,045	84,544	8
487.....	2,195	10	6	18	11	4	27	36	96	206	663	1,118	-
490-496.....	247,158	61	86	200	343	524	1,844	6,667	23,070	67,494	95,089	51,769	11
490-491.....	6,503	42	28	22	38	33	119	251	573	1,367	2,116	1,914	-
492.....	34,633	5	-	-	8	27	252	1,123	3,984	10,947	13,079	5,207	1
493.....	12,366	9	52	159	266	386	807	1,257	1,547	2,352	3,192	2,339	-
494-496.....	203,604	6	8	23	45	95	763	4,405	18,112	55,684	80,303	44,150	10
531-533.....	12,267	13	5	7	22	64	233	591	1,037	2,287	4,156	3,852	-
540-543.....	798	9	6	17	16	16	51	49	92	161	229	151	1
550-553, 560.....	18,577	176	36	37	55	110	320	711	1,380	3,153	6,030	6,569	-
571.....	40,947	42	14	14	82	796	5,139	8,789	8,254	9,491	6,635	1,682	9

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
574-575.....	6,087	17	8	4	15	58	129	262	463	1,114	2,055	1,962	-
580-589.....	153,519	794	82	140	331	1,220	3,770	7,494	13,829	32,698	51,634	41,522	5
580-581.....	1,388	16	4	5	8	13	64	93	151	280	468	286	-
582-583, 587...	8,259	7	5	7	20	87	189	333	630	1,597	2,847	2,537	-
584-586, 588-589.....	145,688	773	74	132	314	1,143	3,584	7,160	13,194	31,192	48,964	39,153	5
590.....	1,827	11	2	3	8	27	79	119	154	291	515	618	-
600.....	2,575	-	-	-	-	-	2	11	89	408	1,053	1,011	1
630-676.....	333	...	...	-	84	161	86	2	...	...	...	...	-
630-638.....	41	...	...	-	10	22	9	-	...	...	...	...	-
640-676.....	297	...	...	-	74	143	78	2	...	...	...	...	-
740-759.....	17,589	7,156	744	528	617	671	881	1,006	1,106	1,434	2,044	1,399	3
760-779.....	18,092	17,790	157	68	20	18	13	3	5	6	7	4	1
767-769.....	3,264	3,189	38	22	5	1	1	2	2	2	2	-	-
760-766, 770-779.....	17,593	17,351	128	50	17	17	12	1	3	4	5	4	1
780-799.....	420,112	6,063	1,180	1,409	2,991	5,714	13,379	22,101	38,297	82,651	127,732	118,481	114

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
RESIDUAL 2/.....	750,466	3,677	1,546	2,024	4,672	10,099	27,395	44,710	64,745	129,687	225,495	236,368	48
E800-E949.....	164,471	1,248	2,243	3,625	13,989	13,104	17,759	15,082	13,429	21,455	32,835	29,588	114
E810-E825.....	44,505	170	762	1,875	10,082	7,170	7,037	5,118	3,566	3,597	3,702	1,396	30
E800-E807, E826-E949...	120,335	1,079	1,483	1,757	3,968	5,990	10,795	10,004	9,900	17,891	29,178	28,206	84
E950-E959.....	30,840	...	...	324	4,145	5,390	6,869	5,172	2,993	2,640	2,407	883	17
E960-E978.....	18,476	347	405	463	5,518	4,592	3,596	1,771	788	488	335	116	57
E980-E999.....	4,031	87	48	68	352	758	1,339	767	237	140	131	79	25
N800-N999.....	201,315	1,561	2,609	4,370	23,650	23,362	28,716	21,720	15,925	21,636	30,962	26,603	201
N800-N848.....	29,804	88	184	355	1,822	1,442	1,602	1,358	1,319	2,590	7,219	11,814	11
N850-N854.....	34,831	329	710	1,342	6,141	4,518	4,727	3,619	2,603	3,107	4,532	3,165	38
N860-N869.....	16,799	85	191	423	3,219	2,584	2,709	2,048	1,474	1,556	1,693	809	8
N870-N897.....	33,762	14	106	583	7,925	6,944	6,345	4,149	2,573	2,268	2,089	730	36
N900-N904.....	3,169	1	16	36	576	519	534	399	300	278	315	195	-
N905-N909.....	3,038	9	14	35	69	144	302	310	296	457	672	729	1
N910-N929.....	1,383	16	33	32	128	119	190	170	131	157	215	191	1
N930-N939.....	15,097	149	148	134	211	303	602	808	1,107	2,224	4,661	4,749	1

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 4

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1998

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

CAUSE OF DEATH	AGE												N.S.
	ALL AGES	<1 YR	01-04 YR	05-14 YR	15-24 YR	25-34 YR	35-44 YR	45-54 YR	55-64 YR	65-74 YR	75-84 YR	85 & OVER	
N940-N949.....	2,928	34	136	147	302	303	407	357	288	360	382	209	3
N950-N957.....	1,961	6	31	52	251	219	276	219	166	264	310	165	2
N958-N959.....	34,812	151	432	1,008	5,873	5,067	5,322	4,047	2,809	3,089	3,941	3,035	38
N960-N995.....	41,910	718	1,076	1,255	4,365	7,104	11,276	7,121	2,944	2,309	2,311	1,330	101
N996-N999.....	25,739	292	201	213	317	473	1,090	2,032	3,296	6,562	7,580	3,681	2
*042-*044 3/.....	16,776	19	35	66	226	3,366	7,044	4,166	1,332	425	88	6	3
331.0 4/.....	45,675	-	1	-	-	-	13	59	425	3,614	17,154	24,408	1

- 1/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
- 2/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
- 3/ INCLUDED IN REM. 001-139.
- 4/ INCLUDED IN RESIDUAL.
- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

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.....	18	11	7	14	8	6	4	3	1	1	1	-
007-009.....	1,869	824	1,045	1,589	686	903	280	138	142	250	122	128
010-018.....	2,585	1,396	1,189	1,653	847	806	932	549	383	726	426	300
010-012.....	1,714	1,122	592	1,042	663	379	672	459	213	520	363	157
013-018.....	890	285	605	622	190	432	268	95	173	210	66	144
033.....	8	5	3	6	4	2	2	1	1	1	-	1
034-035.....	16	8	8	12	6	6	4	2	2	4	2	2
036.....	256	145	111	196	107	89	60	38	22	56	36	20
038.....	115,297	52,994	62,303	92,507	42,454	50,053	22,790	10,540	12,250	20,439	9,312	11,127
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-
070.....	8,733	5,801	2,932	6,649	4,415	2,234	2,084	1,386	698	1,495	1,004	491
090-097.....	197	108	89	89	46	43	108	62	46	102	59	43
REM. 001-139 2/..	30,417	19,661	10,756	18,813	12,175	6,638	11,604	7,486	4,118	11,038	7,138	3,900
140-208.....	607,568	319,628	287,940	528,722	277,358	251,364	78,846	42,270	36,576	67,572	36,180	31,392

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	9,672	6,433	3,239	8,097	5,276	2,821	1,575	1,157	418	1,341	984	357
150-159.....	144,600	77,133	67,467	123,093	65,643	57,450	21,507	11,490	10,017	17,647	9,238	8,409
160-165.....	173,333	103,937	69,396	152,454	90,496	61,958	20,879	13,441	7,438	18,174	11,739	6,435
174-175.....	52,066	475	51,591	45,066	410	44,656	7,000	65	6,935	6,187	64	6,123
179-187.....	75,692	47,164	28,528	63,858	39,304	24,554	11,834	7,860	3,974	10,724	7,305	3,419
188-189.....	29,369	19,249	10,120	26,707	17,678	9,029	2,662	1,571	1,091	2,256	1,302	954
170-173, 190-199.	165,160	85,973	79,187	144,571	75,208	69,363	20,589	10,765	9,824	17,724	9,274	8,450
204-208.....	24,847	13,776	11,071	22,396	12,471	9,925	2,451	1,305	1,146	2,036	1,079	957
200-203.....	41,849	22,039	19,810	37,074	19,606	17,468	4,775	2,433	2,342	4,061	2,043	2,018
210-239.....	13,878	6,142	7,736	12,169	5,389	6,780	1,709	753	956	1,475	630	845
250.....	202,322	95,372	106,950	166,556	80,131	86,425	35,766	15,241	20,525	30,689	12,650	18,039
260-269.....	32,955	13,076	19,879	28,597	10,985	17,612	4,358	2,091	2,267	3,774	1,816	1,958
280-285.....	44,521	18,961	25,560	36,826	15,499	21,327	7,695	3,462	4,233	6,752	2,996	3,756
320-322.....	2,015	1,092	923	1,500	805	695	515	287	228	453	253	200
390-448.....	1,378,638	653,372	725,266	1,195,514	565,549	629,965	183,124	87,823	95,301	158,844	74,674	84,170

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	1,160,353	563,311	597,042	1,008,826	489,635	519,191	151,527	73,676	77,851	131,188	62,505	68,683
390-398.....	8,982	2,941	6,041	8,144	2,657	5,487	838	284	554	646	212	434
402.....	45,926	20,734	25,192	33,934	14,897	19,037	11,992	5,837	6,155	11,125	5,393	5,732
404.....	3,202	1,381	1,821	2,215	960	1,255	987	421	566	911	384	527
410-414.....	593,466	303,658	289,808	531,304	273,190	258,114	62,162	30,468	31,694	53,000	25,169	27,831
410.....	241,734	126,977	114,757	213,800	113,142	100,658	27,934	13,835	14,099	24,137	11,605	12,532
411.....	5,847	3,158	2,689	5,004	2,668	2,336	843	490	353	749	431	318
413.....	3,451	1,468	1,983	3,159	1,334	1,825	292	134	158	245	111	134
412, 414.....	445,456	227,457	217,999	401,909	206,264	195,645	43,547	21,193	22,354	36,652	17,208	19,444
424.....	39,518	16,924	22,594	36,574	15,618	20,956	2,944	1,306	1,638	2,373	1,008	1,365
415-423, 425-429.	842,894	399,676	443,218	728,778	344,663	384,115	114,116	55,013	59,103	97,979	46,303	51,676
401, 403.....	178,033	73,549	104,484	144,708	59,111	85,597	33,325	14,438	18,887	29,122	12,313	16,809
430-438.....	277,747	113,215	164,532	238,463	95,866	142,597	39,284	17,349	21,935	33,409	14,411	18,998
431-432.....	36,159	17,007	19,152	29,598	13,691	15,907	6,561	3,316	3,245	5,227	2,636	2,591
434.0, 434.9.....	18,249	7,251	10,998	15,612	6,074	9,538	2,637	1,177	1,460	2,265	994	1,271

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
434.1.....	1,892	736	1,156	1,710	657	1,053	182	79	103	144	61	83
430, 433, 435-438	226,868	90,356	136,512	196,265	77,293	118,972	30,603	13,063	17,540	26,318	10,941	15,377
440.....	71,318	29,915	41,403	64,321	26,993	37,328	6,997	2,922	4,075	6,046	2,428	3,618
441-448.....	55,210	29,068	26,142	48,817	25,964	22,853	6,393	3,104	3,289	5,582	2,640	2,942
466.....	1,470	682	788	1,335	611	724	135	71	64	111	59	52
480-487.....	214,259	103,759	110,500	189,694	90,692	99,002	24,565	13,067	11,498	20,366	10,713	9,653
480-486.....	212,064	102,981	109,083	187,588	89,957	97,631	24,476	13,024	11,452	20,309	10,688	9,621
487.....	2,195	778	1,417	2,106	735	1,371	89	43	46	57	25	32
490-496.....	247,086	132,384	114,702	227,445	120,922	106,523	19,641	11,462	8,179	16,744	9,683	7,061
490-491.....	6,468	3,169	3,299	5,931	2,887	3,044	537	282	255	426	219	207
492.....	33,577	19,059	14,518	31,256	17,545	13,711	2,321	1,514	807	1,974	1,271	703
493.....	12,255	4,469	7,786	9,487	3,386	6,101	2,768	1,083	1,685	2,378	907	1,471
494-496.....	195,645	106,073	89,572	181,534	97,445	84,089	14,111	8,628	5,483	12,048	7,325	4,723
531-533.....	12,265	5,960	6,305	10,782	5,173	5,609	1,483	787	696	1,140	576	564
540-543.....	798	446	352	656	361	295	142	85	57	115	69	46

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
550-553, 560.....	18,577	7,011	11,566	16,193	5,985	10,208	2,384	1,026	1,358	2,119	894	1,225
571.....	41,113	26,714	14,399	35,177	22,797	12,380	5,936	3,917	2,019	4,667	3,122	1,545
574-575.....	6,081	2,696	3,385	5,320	2,385	2,935	761	311	450	624	247	377
580-589.....	133,180	69,436	63,744	110,563	58,383	52,180	22,617	11,053	11,564	19,642	9,468	10,174
580-581.....	1,235	621	614	1,033	518	515	202	103	99	177	90	87
582-583, 587...	6,199	3,330	2,869	4,975	2,670	2,305	1,224	660	564	1,093	590	503
584-586, 588- 589.....	126,987	66,125	60,862	105,590	55,726	49,864	21,397	10,399	10,998	18,552	8,880	9,672
590.....	1,743	552	1,191	1,470	447	1,023	273	105	168	225	89	136
600.....	2,573	2,573	...	2,295	2,295	...	278	278	...	234	234	...
630-676.....	333	...	333	190	...	190	143	...	143	121	...	121
630-638.....	40	...	40	18	...	18	22	...	22	18	...	18
640-676.....	297	...	297	174	...	174	123	...	123	105	...	105
740-759.....	17,420	9,036	8,384	14,343	7,427	6,916	3,077	1,609	1,468	2,546	1,338	1,208
760-779.....	18,061	10,039	8,022	11,472	6,359	5,113	6,589	3,680	2,909	5,940	3,340	2,600
767-769.....	3,248	1,806	1,442	2,210	1,231	979	1,038	575	463	939	521	418

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
760-766, 770-779.....	17,570	9,785	7,785	11,124	6,183	4,941	6,446	3,602	2,844	5,810	3,269	2,541
780-799.....	414,727	195,421	219,306	357,464	167,005	190,459	57,263	28,416	28,847	48,815	23,945	24,870
RESIDUAL 3/.....	706,456	322,133	384,323	614,660	277,432	337,228	91,796	44,701	47,095	79,121	37,914	41,207
E800-E949.....	164,469	96,277	68,192	140,742	81,435	59,307	23,727	14,842	8,885	19,705	12,343	7,362
E810-E825.....	44,505	29,678	14,827	37,067	24,592	12,475	7,438	5,086	2,352	5,788	4,065	1,723
E800-E807, E826-E949.....	120,333	66,864	53,469	103,982	57,064	46,918	16,351	9,800	6,551	13,969	8,317	5,652
E950-E959.....	30,840	24,718	6,122	27,889	22,339	5,550	2,951	2,379	572	1,999	1,673	326
E960-E978.....	18,476	14,160	4,316	9,375	6,794	2,581	9,101	7,366	1,735	8,484	6,920	1,564
E980-E999.....	4,031	2,798	1,233	3,176	2,149	1,027	855	649	206	763	584	179
N800-N999.....	201,315	129,359	71,956	166,556	105,091	61,465	34,759	24,268	10,491	29,400	20,727	8,673
N800-N848.....	29,804	13,648	16,156	27,294	12,164	15,130	2,510	1,484	1,026	1,989	1,211	778
N850-N854.....	34,831	23,686	11,145	29,422	19,824	9,598	5,409	3,862	1,547	4,284	3,122	1,162
N860-N869.....	16,799	11,758	5,041	13,743	9,470	4,273	3,056	2,288	768	2,546	1,960	586
N870-N897.....	33,762	28,157	5,605	24,341	20,125	4,216	9,421	8,032	1,389	8,572	7,366	1,206

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 5

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N900-N904.....	3,169	2,222	947	2,407	1,623	784	762	599	163	664	535	129
N905-N909.....	3,038	1,819	1,219	2,613	1,548	1,065	425	271	154	368	234	134
N910-N929.....	1,383	910	473	1,223	810	413	160	100	60	125	78	47
N930-N939.....	15,097	7,933	7,164	12,951	6,737	6,214	2,146	1,196	950	1,891	1,037	854
N940-N949.....	2,928	1,936	992	2,227	1,486	741	701	450	251	612	386	226
N950-N957.....	1,961	1,352	609	1,539	1,047	492	422	305	117	373	274	99
N958-N959.....	34,812	22,741	12,071	28,858	18,642	10,216	5,954	4,099	1,855	4,713	3,317	1,396
N960-N995.....	41,910	29,343	12,567	33,841	23,749	10,092	8,069	5,594	2,475	6,710	4,635	2,075
N996-N999.....	25,739	13,650	12,089	22,058	11,833	10,225	3,681	1,817	1,864	3,166	1,530	1,636
*042-*044 4/.....	16,972	13,041	3,931	8,058	6,815	1,243	8,914	6,226	2,688	8,719	6,072	2,647
331.0 5/.....	42,957	14,146	28,811	39,958	13,146	26,812	2,999	1,000	1,999	2,665	868	1,797

1/ INCLUDES BLACK
2/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
3/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
4/ INCLUDED IN REM. 001-139.
5/ INCLUDED IN RESIDUAL.
- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

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

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.....	2,337,256	1,157,260	1,179,996	2,015,984	990,190	1,025,794	321,272	167,070	154,202	278,440	143,417	135,023
004, 006.....	8	3	5	6	2	4	2	1	1	-	-	-
007-009.....	1,059	464	595	882	379	503	177	85	92	158	77	81
010-018.....	1,112	658	454	667	381	286	445	277	168	346	213	133
010-012.....	815	528	287	495	306	189	320	222	98	251	176	75
013-018.....	297	130	167	172	75	97	125	55	70	95	37	58
033.....	5	5	-	4	4	-	1	1	-	-	-	-
034-035.....	8	5	3	7	4	3	1	1	-	1	1	-
036.....	234	132	102	180	98	82	54	34	20	51	32	19
038.....	23,731	10,225	13,506	18,855	8,114	10,741	4,876	2,111	2,765	4,487	1,923	2,564
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-
070.....	4,796	2,982	1,814	3,829	2,382	1,447	967	600	367	694	429	265
090-097.....	45	25	20	21	12	9	24	13	11	21	11	10
REM. 001-139 2/..	20,254	13,700	6,554	11,362	7,844	3,518	8,892	5,856	3,036	8,566	5,658	2,908

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION AND ALZHEIMERS DISEASE) - 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.....	541,532	282,065	259,467	470,139	244,109	226,030	71,393	37,956	33,437	61,193	32,523	28,670
140-149.....	7,965	5,281	2,684	6,612	4,289	2,323	1,353	992	361	1,155	849	306
150-159.....	128,683	68,556	60,127	109,130	58,141	50,989	19,553	10,415	9,138	16,050	8,390	7,660
160-165.....	159,736	95,261	64,475	140,268	82,739	57,529	19,468	12,522	6,946	16,948	10,944	6,004
174-175.....	42,086	349	41,737	36,060	301	35,759	6,026	48	5,978	5,329	48	5,281
179-187.....	58,367	32,800	25,567	48,920	26,947	21,973	9,447	5,853	3,594	8,580	5,491	3,089
188-189.....	23,768	15,316	8,452	21,515	13,996	7,519	2,253	1,320	933	1,913	1,099	814
170-173, 190- 199.....	65,389	34,965	30,424	58,269	31,348	26,921	7,120	3,617	3,503	5,996	3,025	2,971
204-208.....	20,324	11,201	9,123	18,214	10,070	8,144	2,110	1,131	979	1,752	936	816
200-203.....	35,214	18,336	16,878	31,151	16,278	14,873	4,063	2,058	2,005	3,470	1,741	1,729
210-239.....	7,933	3,516	4,417	6,940	3,079	3,861	993	437	556	855	366	489
250.....	64,751	29,584	35,167	51,706	24,249	27,457	13,045	5,335	7,710	11,378	4,511	6,867
260-269.....	4,077	1,278	2,799	3,539	1,067	2,472	538	211	327	480	188	292
280-285.....	4,544	1,873	2,671	3,503	1,391	2,112	1,041	482	559	953	429	524
320-322.....	768	424	344	545	297	248	223	127	96	195	114	81

FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION AND ALZHEIMERS DISEASE) - 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.....	940,565	441,278	499,287	821,836	384,520	437,316	118,729	56,758	61,971	103,458	48,391	55,067
390-398, 402, 404-429.....	724,859	353,897	370,962	635,549	309,952	325,597	89,310	43,945	45,365	78,294	37,662	40,632
390-398.....	4,792	1,422	3,370	4,334	1,288	3,046	458	134	324	356	101	255
402.....	27,715	11,937	15,778	20,047	8,223	11,824	7,668	3,714	3,954	7,158	3,463	3,695
404.....	2,412	996	1,416	1,648	669	979	764	327	437	700	293	407
410-414.....	459,841	233,374	226,467	412,351	210,056	202,295	47,490	23,318	24,172	40,597	19,307	21,290
410.....	203,551	106,995	96,556	181,298	95,921	85,377	22,253	11,074	11,179	19,198	9,273	9,925
411.....	2,907	1,563	1,344	2,448	1,293	1,155	459	270	189	407	234	173
413.....	650	273	377	579	236	343	71	37	34	61	32	29
412, 414...	252,733	124,543	128,190	228,026	112,606	115,420	24,707	11,937	12,770	20,931	9,768	11,163
424.....	18,520	7,326	11,194	17,120	6,704	10,416	1,400	622	778	1,149	489	660
415-423, 425-429.....	211,579	98,842	112,737	180,049	83,012	97,037	31,530	15,830	15,700	28,334	14,009	14,325
401, 403.....	14,308	5,526	8,782	10,818	4,105	6,713	3,490	1,421	2,069	3,179	1,276	1,903
430-438.....	158,448	61,145	97,303	136,855	51,766	85,089	21,593	9,379	12,214	18,237	7,765	10,472

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION AND ALZHEIMERS DISEASE) - CONTINUED

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
431-432.....	26,230	12,044	14,186	21,553	9,694	11,859	4,677	2,350	2,327	3,694	1,862	1,832
434.0, 434.9.	10,958	4,160	6,798	9,511	3,544	5,967	1,447	616	831	1,259	528	731
434.1.....	570	228	342	519	206	313	51	22	29	38	16	22
430, 433, 435-438.....	120,690	44,713	75,977	105,272	38,322	66,950	15,418	6,391	9,027	13,246	5,359	7,887
440.....	15,279	5,719	9,560	14,050	5,213	8,837	1,229	506	723	1,082	436	646
441-448.....	27,671	14,991	12,680	24,564	13,484	11,080	3,107	1,507	1,600	2,666	1,252	1,414
466.....	452	194	258	400	164	236	52	30	22	46	27	19
480-487.....	91,871	40,979	50,892	81,659	35,795	45,864	10,212	5,184	5,028	8,326	4,178	4,148
480-486.....	90,147	40,395	49,752	79,992	35,235	44,757	10,155	5,160	4,995	8,293	4,165	4,128
487.....	1,724	584	1,140	1,667	560	1,107	57	24	33	33	13	20
490-496.....	112,584	57,018	55,566	104,061	52,172	51,889	8,523	4,846	3,677	7,205	4,039	3,166
490-491.....	3,032	1,482	1,550	2,817	1,359	1,458	215	123	92	165	94	71
492.....	17,555	9,333	8,222	16,511	8,684	7,827	1,044	649	395	890	543	347
493.....	5,438	2,000	3,438	3,947	1,366	2,581	1,491	634	857	1,290	536	754
494-496.....	86,559	44,203	42,356	80,786	40,763	40,023	5,773	3,440	2,333	4,860	2,866	1,994

SEE FOOTNOTES AT END OF TABLE

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION AND ALZHEIMERS DISEASE) - 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.....	4,695	2,235	2,460	4,162	1,960	2,202	533	275	258	411	204	207
540-543.....	439	256	183	356	201	155	83	55	28	66	46	20
550-553, 560.....	6,635	2,350	4,285	5,815	2,005	3,810	820	345	475	750	310	440
571.....	25,192	16,343	8,849	21,771	14,096	7,675	3,421	2,247	1,174	2,697	1,804	893
574-575.....	2,822	1,216	1,606	2,474	1,074	1,400	348	142	206	282	109	173
580-589.....	26,182	12,561	13,621	21,369	10,406	10,963	4,813	2,155	2,658	4,329	1,929	2,400
580-581.....	325	154	171	272	133	139	53	21	32	45	19	26
582-583, 587...	1,715	831	884	1,369	664	705	346	167	179	310	153	157
584-586, 588-589.....	24,142	11,576	12,566	19,728	9,609	10,119	4,414	1,967	2,447	3,974	1,757	2,217
590.....	828	214	614	704	173	531	124	41	83	102	33	69
600.....	410	410	...	356	356	...	54	54	...	45	45	...
630-676.....	281	...	281	158	...	158	123	...	123	104	...	104
630-638.....	32	...	32	15	...	15	17	...	17	14	...	14
640-676.....	249	...	249	143	...	143	106	...	106	90	...	90
740-759.....	11,934	6,199	5,735	9,651	5,001	4,650	2,283	1,198	1,085	1,885	994	891

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 6

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH, RACE AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY HIV INFECTION AND ALZHEIMERS DISEASE) - 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.....	13,428	7,496	5,932	8,129	4,523	3,606	5,299	2,973	2,326	4,841	2,732	2,109
767-769.....	1,997	1,131	866	1,323	746	577	674	385	289	615	353	262
760-766, 770- 779.....	11,431	6,365	5,066	6,806	3,777	3,029	4,625	2,588	2,037	4,226	2,379	1,847
780-799.....	25,992	12,766	13,226	21,041	10,045	10,996	4,951	2,721	2,230	4,481	2,451	2,030
RESIDUAL 3/.....	247,644	104,589	143,055	217,822	91,004	126,818	29,822	13,585	16,237	26,127	11,780	14,347
E800-E949.....	97,835	63,042	34,793	82,178	52,398	29,780	15,657	10,644	5,013	12,801	8,788	4,013
E810-E825.....	43,501	28,990	14,511	36,182	23,985	12,197	7,319	5,005	2,314	5,686	3,996	1,690
E800-E807, E826-E949.....	54,334	34,052	20,282	45,996	28,413	17,583	8,338	5,639	2,699	7,115	4,792	2,323
E950-E959.....	30,575	24,538	6,037	27,648	22,174	5,474	2,927	2,364	563	1,977	1,659	318
E960-E978.....	18,272	14,023	4,249	9,241	6,707	2,534	9,031	7,316	1,715	8,420	6,873	1,547
E980-E999.....	3,763	2,614	1,149	2,968	2,004	964	795	610	185	709	550	159
*042-*044 4/.....	13,426	10,291	3,135	6,106	5,184	922	7,320	5,107	2,213	7,180	4,994	2,186
331.0 5/.....	22,725	7,054	15,671	21,366	6,643	14,723	1,359	411	948	1,209	352	857

1/ INCLUDES BLACK
2/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
3/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
4/ INCLUDED IN REM. 001-139.
5/ INCLUDED IN RESIDUAL.
- QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

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.....	18	11	7	14	8	6	4	3	1	1	1	-
007-009.....	1,922	867	1,055	1,622	715	907	300	152	148	269	135	134
010-018.....	2,677	1,459	1,218	1,686	873	813	991	586	405	785	463	322
010-012.....	1,818	1,189	629	1,085	691	394	733	498	235	575	397	178
013-018.....	886	285	601	617	190	427	269	95	174	216	70	146
033.....	8	5	3	6	4	2	2	1	1	1	-	1
034-035.....	16	8	8	12	6	6	4	2	2	4	2	2
036.....	256	145	111	196	107	89	60	38	22	56	36	20
038.....	116,422	53,752	62,670	93,047	42,818	50,229	23,375	10,934	12,441	21,003	9,691	11,312
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	-	-	-	-	-	-	-	-	-	-	-	-
070.....	8,733	5,801	2,932	6,649	4,415	2,234	2,084	1,386	698	1,495	1,004	491
090-097.....	197	108	89	89	46	43	108	62	46	102	59	43
REM. 001-139 2/..	30,976	19,895	11,081	19,295	12,381	6,914	11,681	7,514	4,167	11,104	7,162	3,942
140-208.....	608,536	320,477	288,059	529,356	277,928	251,428	79,180	42,549	36,631	67,899	36,452	31,447

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	9,674	6,434	3,240	8,099	5,277	2,822	1,575	1,157	418	1,341	984	357
150-159.....	144,618	77,143	67,475	123,109	65,651	57,458	21,509	11,492	10,017	17,649	9,240	8,409
160-165.....	173,339	103,942	69,397	152,460	90,501	61,959	20,879	13,441	7,438	18,174	11,739	6,435
174-175.....	52,067	475	51,592	45,067	410	44,657	7,000	65	6,935	6,187	64	6,123
179-187.....	75,693	47,164	28,529	63,859	39,304	24,555	11,834	7,860	3,974	10,724	7,305	3,419
188-189.....	29,369	19,249	10,120	26,707	17,678	9,029	2,662	1,571	1,091	2,256	1,302	954
170-173, 190- 199.....	166,173	86,657	79,516	145,408	75,748	69,660	20,765	10,909	9,856	17,892	9,412	8,480
204-208.....	24,847	13,776	11,071	22,396	12,471	9,925	2,451	1,305	1,146	2,036	1,079	957
200-203.....	42,489	22,570	19,919	37,487	19,961	17,526	5,002	2,609	2,393	4,282	2,213	2,069
210-239.....	14,349	6,386	7,963	12,572	5,604	6,968	1,777	782	995	1,523	651	872
250.....	202,322	95,372	106,950	166,556	80,131	86,425	35,766	15,241	20,525	30,689	12,650	18,039
260-269.....	33,743	13,452	20,291	29,227	11,266	17,961	4,516	2,186	2,330	3,911	1,898	2,013
280-285.....	44,573	18,988	25,585	36,861	15,518	21,343	7,712	3,470	4,242	6,769	3,004	3,765
320-322.....	2,030	1,101	929	1,508	809	699	522	292	230	459	258	201
390-448.....	1,381,480	654,658	726,822	1,197,816	566,606	631,210	183,664	88,052	95,612	159,322	74,873	84,449

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	1,160,611	563,432	597,179	1,009,034	489,729	519,305	151,577	73,703	77,874	131,234	62,530	68,704
390-398.....	8,984	2,942	6,042	8,146	2,658	5,488	838	284	554	646	212	434
402.....	37,193	17,786	19,407	26,734	12,576	14,158	10,459	5,210	5,249	9,707	4,818	4,889
404.....	173	72	101	152	69	83	21	3	18	21	3	18
410-414.....	593,466	303,658	289,808	531,304	273,190	258,114	62,162	30,468	31,694	53,000	25,169	27,831
410.....	241,734	126,977	114,757	213,800	113,142	100,658	27,934	13,835	14,099	24,137	11,605	12,532
411.....	5,847	3,158	2,689	5,004	2,668	2,336	843	490	353	749	431	318
413.....	3,451	1,468	1,983	3,159	1,334	1,825	292	134	158	245	111	134
412, 414...	445,456	227,457	217,999	401,909	206,264	195,645	43,547	21,193	22,354	36,652	17,208	19,444
424.....	39,638	16,972	22,666	36,674	15,659	21,015	2,964	1,313	1,651	2,389	1,014	1,375
415-423, 425- 429.....	851,535	402,876	448,659	735,787	347,180	388,607	115,748	55,696	60,052	99,513	46,945	52,568
401, 403.....	193,954	79,443	114,511	157,010	63,478	93,532	36,944	15,965	20,979	32,434	13,699	18,735
430-438.....	277,911	113,267	164,644	238,625	95,916	142,709	39,286	17,351	21,935	33,408	14,411	18,997
431-432.....	36,902	17,268	19,634	30,229	13,915	16,314	6,673	3,353	3,320	5,312	2,663	2,649

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.	18,422	7,312	11,110	15,768	6,129	9,639	2,654	1,183	1,471	2,275	997	1,278
434.1.....	1,892	736	1,156	1,710	657	1,053	182	79	103	144	61	83
430,433, 435- 438.....	233,184	93,007	140,177	201,709	79,542	122,167	31,475	13,465	18,010	27,029	11,264	15,765
440.....	77,625	32,637	44,988	70,117	29,508	40,609	7,508	3,129	4,379	6,474	2,592	3,882
441-448.....	66,209	34,775	31,434	57,772	30,819	26,953	8,437	3,956	4,481	7,388	3,365	4,023
466.....	1,611	751	860	1,460	670	790	151	81	70	124	67	57
480-487.....	218,401	106,127	112,274	192,750	92,344	100,406	25,651	13,783	11,868	21,368	11,384	9,984
480-486.....	217,035	105,644	111,391	191,443	91,890	99,553	25,592	13,754	11,838	21,329	11,366	9,963
487.....	2,195	778	1,417	2,106	735	1,371	89	43	46	57	25	32
490-496.....	247,158	132,412	114,746	227,504	120,944	106,560	19,654	11,468	8,186	16,751	9,687	7,064
490-491.....	6,503	3,178	3,325	5,964	2,895	3,069	539	283	256	427	220	207
492.....	34,633	19,682	14,951	32,247	18,128	14,119	2,386	1,554	832	2,027	1,304	723
493.....	12,366	4,520	7,846	9,585	3,432	6,153	2,781	1,088	1,693	2,389	912	1,477
494-496.....	203,604	110,060	93,544	188,837	101,090	87,747	14,767	8,970	5,797	12,606	7,609	4,997
531-533.....	12,267	5,962	6,305	10,783	5,174	5,609	1,484	788	696	1,141	577	564

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	798	446	352	656	361	295	142	85	57	115	69	46
550-553, 560.....	18,577	7,011	11,566	16,193	5,985	10,208	2,384	1,026	1,358	2,119	894	1,225
571.....	40,947	26,593	14,354	35,047	22,699	12,348	5,900	3,894	2,006	4,640	3,105	1,535
574-575.....	6,087	2,697	3,390	5,326	2,386	2,940	761	311	450	624	247	377
580-589.....	153,519	78,542	74,977	125,585	65,249	60,336	27,934	13,293	14,641	24,365	11,410	12,955
580-581.....	1,388	680	708	1,147	557	590	241	123	118	208	105	103
582-583, 587...	8,259	4,370	3,889	6,600	3,497	3,103	1,659	873	786	1,455	765	690
584-586, 588-589.....	145,688	74,401	71,287	119,344	61,944	57,400	26,344	12,457	13,887	22,966	10,675	12,291
590.....	1,827	581	1,246	1,540	473	1,067	287	108	179	237	92	145
600.....	2,575	2,575	...	2,297	2,297	...	278	278	...	234	234	...
630-676.....	333	...	333	190	...	190	143	...	143	121	...	121
630-638.....	41	...	41	18	...	18	23	...	23	19	...	19
640-676.....	297	...	297	174	...	174	123	...	123	105	...	105
740-759.....	17,589	9,129	8,460	14,495	7,514	6,981	3,094	1,615	1,479	2,560	1,342	1,218
760-779.....	18,092	10,058	8,034	11,492	6,372	5,120	6,600	3,686	2,914	5,951	3,346	2,605

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST SUPPLEMENTED
BY RELEVANT NATURE OF INJURY CATEGORY GROUPINGS, HIV INFECTION, AND ALZHEIMERS DISEASE) - 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.....	3,264	1,818	1,446	2,220	1,239	981	1,044	579	465	943	523	420
760-766, 770- 779.....	17,593	9,798	7,795	11,138	6,191	4,947	6,455	3,607	2,848	5,819	3,274	2,545
780-799.....	420,112	197,648	222,464	361,724	168,751	192,973	58,388	28,897	29,491	49,815	24,363	25,452
RESIDUAL 3/.....	750,466	342,678	407,788	651,041	294,389	356,652	99,425	48,289	51,136	85,648	40,902	44,746
E800-E949.....	164,471	96,279	68,192	140,744	81,437	59,307	23,727	14,842	8,885	19,705	12,343	7,362
E810-E825.....	44,505	29,678	14,827	37,067	24,592	12,475	7,438	5,086	2,352	5,788	4,065	1,723
E800-E807, E826-E949...	120,335	66,866	53,469	103,984	57,066	46,918	16,351	9,800	6,551	13,969	8,317	5,652
E950-E959.....	30,840	24,718	6,122	27,889	22,339	5,550	2,951	2,379	572	1,999	1,673	326
E960-E978.....	18,476	14,160	4,316	9,375	6,794	2,581	9,101	7,366	1,735	8,484	6,920	1,564
E980-E999.....	4,031	2,798	1,233	3,176	2,149	1,027	855	649	206	763	584	179
N800-N999.....	201,315	129,359	71,956	166,556	105,091	61,465	34,759	24,268	10,491	29,400	20,727	8,673
N800-N848.....	29,804	13,648	16,156	27,294	12,164	15,130	2,510	1,484	1,026	1,989	1,211	778
N850-N854.....	34,831	23,686	11,145	29,422	19,824	9,598	5,409	3,862	1,547	4,284	3,122	1,162
N860-N869.....	16,799	11,758	5,041	13,743	9,470	4,273	3,056	2,288	768	2,546	1,960	586

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 7

NUMBER OF RESIDENT DEATHS TABULATED BY
ENTITY AXIS MULTIPLE CAUSE-OF-DEATH, RACE, AND SEX: UNITED STATES, 1998

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

CAUSE OF DEATH	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
N870-N897.....	33,762	28,157	5,605	24,341	20,125	4,216	9,421	8,032	1,389	8,572	7,366	1,206
N900-N904.....	3,169	2,222	947	2,407	1,623	784	762	599	163	664	535	129
N905-N909.....	3,038	1,819	1,219	2,613	1,548	1,065	425	271	154	368	234	134
N910-N929.....	1,383	910	473	1,223	810	413	160	100	60	125	78	47
N930-N939.....	15,097	7,933	7,164	12,951	6,737	6,214	2,146	1,196	950	1,891	1,037	854
N940-N949.....	2,928	1,936	992	2,227	1,486	741	701	450	251	612	386	226
N950-N957.....	1,961	1,352	609	1,539	1,047	492	422	305	117	373	274	99
N958-N959.....	34,812	22,741	12,071	28,858	18,642	10,216	5,954	4,099	1,855	4,713	3,317	1,396
N960-N995.....	41,910	29,343	12,567	33,841	23,749	10,092	8,069	5,594	2,475	6,710	4,635	2,075
N996-N999.....	25,739	13,650	12,089	22,058	11,833	10,225	3,681	1,817	1,864	3,166	1,530	1,636
*042-*044 4/.....	16,776	12,918	3,858	7,928	6,734	1,194	8,848	6,184	2,664	8,659	6,032	2,627
331.0 5/.....	45,675	15,027	30,648	42,492	13,959	28,533	3,183	1,068	2,115	2,820	923	1,897

1/ INCLUDES BLACK
 2/ INCLUDES *042-*044 (HIV INFECTION) SHOWN SEPARATELY BELOW.
 3/ INCLUDES 331.0 (ALZHEIMERS DISEASE) SHOWN SEPARATELY BELOW.
 4/ INCLUDED IN REM. 001-139.
 5/ INCLUDED IN RESIDUAL.
 - QUANTITY = 0

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 8

NUMBER OF RESIDENT DEATHS TABULATED BY
5-YEAR AGE, RACE, AND SEX: UNITED STATES, 1998

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,337,256	1,157,260	1,179,996	2,015,984	990,190	1,025,794	321,272	167,070	154,202	278,440	143,417	135,023
UNDER 1 YR.....	28,371	15,786	12,585	18,561	10,327	8,234	9,810	5,459	4,351	8,726	4,883	3,843
01-04 YR.....	5,251	2,920	2,331	3,628	2,010	1,618	1,623	910	713	1,397	795	602
05-09 YR.....	3,530	2,038	1,492	2,456	1,424	1,032	1,074	614	460	920	532	388
10-14 YR.....	4,261	2,648	1,613	3,157	1,929	1,228	1,104	719	385	895	582	313
15-19 YR.....	13,788	9,913	3,875	10,325	7,246	3,079	3,463	2,667	796	2,939	2,296	643
20-24 YR.....	16,839	12,804	4,035	11,971	9,133	2,838	4,868	3,671	1,197	4,220	3,226	994
25-29 YR.....	18,151	12,890	5,261	12,663	9,082	3,581	5,488	3,808	1,680	4,745	3,310	1,435
30-34 YR.....	24,365	16,325	8,040	17,417	11,905	5,512	6,948	4,420	2,528	6,059	3,832	2,227
35-39 YR.....	37,236	24,034	13,202	27,304	18,024	9,280	9,932	6,010	3,922	8,839	5,302	3,537
40-44 YR.....	51,630	33,105	18,525	38,043	24,943	13,100	13,587	8,162	5,425	12,166	7,288	4,878
45-49 YR.....	65,410	41,707	23,703	48,731	31,547	17,184	16,679	10,160	6,519	14,846	9,045	5,801
50-54 YR.....	81,069	50,020	31,049	63,425	39,365	24,060	17,644	10,655	6,989	15,419	9,315	6,104
55-59 YR.....	100,645	60,895	39,750	80,555	49,142	31,413	20,090	11,753	8,337	17,596	10,260	7,336
60-64 YR.....	133,079	79,239	53,840	108,757	65,269	43,488	24,322	13,970	10,352	21,217	12,130	9,087
65-69 YR.....	189,780	110,193	79,587	160,753	94,345	66,408	29,027	15,848	13,179	25,173	13,714	11,459
70-74 YR.....	269,202	149,150	120,052	233,911	130,959	102,952	35,291	18,191	17,100	30,434	15,560	14,874
75-79 YR.....	329,463	171,426	158,037	292,762	153,165	139,597	36,701	18,261	18,440	31,448	15,365	16,083
80-84 YR.....	352,200	162,786	189,414	319,419	148,428	170,991	32,781	14,358	18,423	27,967	11,951	16,016
85 AND OVER.....	612,575	199,057	413,518	561,836	181,696	380,140	50,739	17,361	33,378	43,341	13,964	29,377
NOT STATED.....	411	324	87	310	251	59	101	73	28	93	67	26

1/ INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1998

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.....	2,337,256	1,157,260	1,179,996	2,015,984	990,190	1,025,794	321,272	167,070	154,202	278,440	143,417	135,023
ALABAMA.....	43,950	22,043	21,907	32,985	16,517	16,468	10,965	5,526	5,439	10,865	5,472	5,393
ALASKA.....	2,571	1,498	1,073	1,835	1,084	751	736	414	322	69	39	30
ARIZONA.....	38,300	20,291	18,009	35,632	18,781	16,851	2,668	1,510	1,158	947	523	424
ARKANSAS.....	27,510	13,835	13,675	23,349	11,711	11,638	4,161	2,124	2,037	4,066	2,080	1,986
CALIFORNIA.....	226,954	114,539	112,415	194,580	97,027	97,553	32,374	17,512	14,862	17,777	9,365	8,412
COLORADO.....	26,640	13,301	13,339	25,351	12,637	12,714	1,289	664	625	926	480	446
CONNECTICUT.....	29,710	13,990	15,720	27,533	12,860	14,673	2,177	1,130	1,047	2,045	1,054	991
DELAWARE.....	6,578	3,293	3,285	5,457	2,713	2,744	1,121	580	541	1,085	565	520
DISTRICT OF COLUMBIA.....	6,054	3,029	3,025	1,264	581	683	4,790	2,448	2,342	4,745	2,424	2,321
FLORIDA.....	158,167	81,182	76,985	141,112	72,279	68,833	17,055	8,903	8,152	16,456	8,587	7,869
GEORGIA.....	60,428	30,123	30,305	43,742	21,721	22,021	16,686	8,402	8,284	16,335	8,197	8,138
HAWAII.....	8,091	4,557	3,534	2,230	1,270	960	5,861	3,287	2,574	51	30	21
IDAHO.....	9,155	4,713	4,442	8,991	4,623	4,368	164	90	74	18	10	8
ILLINOIS.....	104,480	51,128	53,352	87,408	42,046	45,362	17,072	9,082	7,990	16,142	8,583	7,559
INDIANA.....	53,477	26,168	27,309	48,892	23,806	25,086	4,585	2,362	2,223	4,466	2,300	2,166
IOWA.....	28,362	13,546	14,816	27,853	13,276	14,577	509	270	239	393	202	191
KANSAS.....	24,057	11,666	12,391	22,612	10,892	11,720	1,445	774	671	1,227	664	563
KENTUCKY.....	37,832	18,706	19,126	35,152	17,419	17,733	2,680	1,287	1,393	2,622	1,267	1,355
LOUISIANA.....	40,337	20,297	20,040	27,278	13,479	13,799	13,059	6,818	6,241	12,860	6,701	6,159
MAINE.....	12,135	5,911	6,224	12,053	5,864	6,189	82	47	35	26	15	11

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1998 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
MARYLAND.....	42,059	20,718	21,341	30,503	14,543	15,960	11,556	6,175	5,381	11,047	5,896	5,151
MASSACHUSETTS.....	55,237	25,648	29,589	52,760	24,370	28,390	2,477	1,278	1,199	2,019	1,046	973
MICHIGAN.....	85,160	42,056	43,104	72,330	35,261	37,069	12,830	6,795	6,035	12,146	6,433	5,713
MINNESOTA.....	37,195	17,950	19,245	35,889	17,181	18,708	1,306	769	537	664	402	262
MISSISSIPPI.....	27,847	14,167	13,680	18,426	9,328	9,098	9,421	4,839	4,582	9,315	4,784	4,531
MISSOURI.....	55,070	26,612	28,458	49,133	23,598	25,535	5,937	3,014	2,923	5,706	2,896	2,810
MONTANA.....	7,981	4,161	3,820	7,615	3,966	3,649	366	195	171	10	4	6
NEBRASKA.....	15,198	7,279	7,919	14,578	6,971	7,607	620	308	312	470	225	245
NEVADA.....	14,464	7,920	6,544	13,187	7,177	6,010	1,277	743	534	891	532	359
NEW HAMPSHIRE.....	9,495	4,616	4,879	9,450	4,592	4,858	45	24	21	27	14	13
NEW JERSEY.....	71,611	34,345	37,266	61,864	29,387	32,477	9,747	4,958	4,789	8,933	4,507	4,426
NEW MEXICO.....	12,907	6,792	6,115	11,767	6,146	5,621	1,140	646	494	222	123	99
NEW YORK.....	156,619	74,591	82,028	132,262	62,404	69,858	24,357	12,187	12,170	21,701	10,684	11,017
NORTH CAROLINA.....	67,993	34,016	33,977	51,992	25,908	26,084	16,001	8,108	7,893	15,281	7,739	7,542
NORTH DAKOTA.....	5,920	3,043	2,877	5,711	2,926	2,785	209	117	92	7	4	3
OHIO.....	105,891	50,908	54,983	94,494	45,126	49,368	11,397	5,782	5,615	11,143	5,634	5,509
OKLAHOMA.....	33,929	16,780	17,149	30,247	14,893	15,354	3,682	1,887	1,795	2,069	1,050	1,019
OREGON.....	29,383	14,647	14,736	28,482	14,151	14,331	901	496	405	379	210	169
PENNSYLVANIA.....	126,700	61,066	65,634	114,769	54,969	59,800	11,931	6,097	5,834	11,455	5,842	5,613
RHODE ISLAND.....	9,604	4,587	5,017	9,248	4,398	4,850	356	189	167	279	146	133
SOUTH CAROLINA.....	34,827	17,641	17,186	24,466	12,306	12,160	10,361	5,335	5,026	10,263	5,287	4,976
SOUTH DAKOTA.....	6,867	3,439	3,428	6,377	3,156	3,221	490	283	207	15	8	7
TENNESSEE.....	53,415	26,700	26,715	45,015	22,449	22,566	8,400	4,251	4,149	8,250	4,181	4,069
TEXAS.....	142,605	72,256	70,349	123,469	62,239	61,230	19,136	10,017	9,119	18,042	9,404	8,638
UTAH.....	11,824	6,063	5,761	11,500	5,894	5,606	324	169	155	84	43	41

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 9

NUMBER OF RESIDENT DEATHS TABULATED BY
STATE OF RESIDENCE, RACE, AND SEX: UNITED STATES, 1998 - CONTINUED

STATE OF RESIDENCE	RACE											
	ALL RACES			WHITE			ALL OTHER 1/			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
VERMONT.....	4,948	2,446	2,502	4,928	2,437	2,491	20	9	11	12	5	7
VIRGINIA.....	54,446	26,853	27,593	42,507	20,735	21,772	11,939	6,118	5,821	11,384	5,831	5,553
WASHINGTON.....	42,706	21,450	21,256	40,133	19,998	20,135	2,573	1,452	1,121	1,040	613	427
WEST VIRGINIA.....	20,767	10,274	10,493	20,017	9,915	10,102	750	359	391	735	353	382
WISCONSIN.....	45,947	22,498	23,449	43,818	21,318	22,500	2,129	1,180	949	1,701	948	753
WYOMING.....	3,853	1,922	1,931	3,738	1,862	1,876	115	60	55	29	15	14

1/ INCLUDES BLACK

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1998

(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.....	2,340,708	233,585	204,780	206,000	187,092	188,414	181,700	184,413	183,852	178,201	193,663	192,697	206,311
ALABAMA.....	43,393	4,335	3,877	3,863	3,534	3,567	3,347	3,425	3,281	3,256	3,522	3,529	3,857
ALASKA.....	2,536	201	199	203	230	227	223	211	195	213	197	214	223
ARIZONA.....	39,207	4,143	3,436	3,497	3,119	3,207	3,039	2,967	2,966	2,837	3,142	3,221	3,633
ARKANSAS.....	26,852	2,655	2,500	2,434	2,238	2,107	2,064	2,186	2,041	2,079	2,061	2,133	2,354
CALIFORNIA.....	227,702	25,875	18,439	19,015	18,359	18,303	17,827	17,936	17,974	16,975	18,283	18,499	20,217
COLORADO.....	27,066	2,817	2,413	2,237	2,104	2,201	2,138	2,157	2,144	2,057	2,292	2,163	2,343
CONNECTICUT.....	29,864	2,938	2,662	2,689	2,365	2,359	2,271	2,352	2,395	2,261	2,505	2,412	2,655
DELAWARE.....	6,582	626	561	585	523	529	527	526	534	494	585	549	543
DISTRICT OF COLUMBIA.....	7,339	719	624	632	592	590	601	569	598	573	596	629	616
FLORIDA.....	159,354	15,736	14,121	14,524	13,067	12,841	12,435	12,353	12,279	12,024	13,010	12,958	14,006
GEORGIA.....	60,881	6,060	5,158	5,337	4,741	4,851	4,922	4,845	4,915	4,566	5,021	4,962	5,503
HAWAII.....	8,293	716	818	725	665	682	687	686	731	598	614	649	722
IDAHO.....	8,918	869	712	781	755	653	712	754	746	674	761	712	789
ILLINOIS.....	101,584	9,906	8,911	8,923	7,902	8,173	7,819	7,892	8,136	7,829	8,448	8,448	9,197
INDIANA.....	54,102	5,018	4,849	4,824	4,248	4,342	4,122	4,343	4,352	4,168	4,622	4,478	4,736
IOWA.....	28,025	2,761	2,732	2,481	2,178	2,177	2,145	2,121	2,170	2,081	2,360	2,311	2,508
KANSAS.....	23,277	2,413	2,145	1,993	1,828	1,788	1,820	1,831	1,796	1,738	1,943	1,943	2,039
KENTUCKY.....	37,508	3,780	3,320	3,315	3,014	3,159	2,963	2,934	2,887	2,862	3,056	3,071	3,147
LOUISIANA.....	40,674	4,143	3,460	3,613	3,361	3,373	3,199	3,359	3,226	3,130	3,314	3,152	3,344
MAINE.....	12,044	1,150	1,162	1,111	990	930	908	960	972	920	975	920	1,046

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1998

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
MARYLAND.....	41,846	4,156	3,669	3,685	3,398	3,431	3,168	3,201	3,280	3,177	3,452	3,514	3,715
MASSACHUSETTS.....	55,953	5,456	5,489	4,948	4,369	4,436	4,193	4,280	4,337	4,068	4,623	4,831	4,923
MICHIGAN.....	84,128	7,814	7,683	7,382	6,469	6,847	6,634	6,653	6,641	6,471	7,152	7,053	7,329
MINNESOTA.....	37,362	3,718	3,286	3,164	2,862	3,050	2,783	2,917	2,997	2,937	3,292	3,122	3,234
MISSISSIPPI.....	27,082	2,776	2,259	2,357	2,216	2,276	2,066	2,164	2,091	2,069	2,173	2,192	2,443
MISSOURI.....	56,705	5,591	5,195	5,201	4,541	4,511	4,362	4,383	4,481	4,346	4,681	4,677	4,736
MONTANA.....	7,934	768	758	737	659	652	595	635	617	583	638	627	665
NEBRASKA.....	15,361	1,534	1,434	1,316	1,202	1,165	1,163	1,209	1,205	1,182	1,299	1,325	1,327
NEVADA.....	15,131	1,515	1,263	1,294	1,282	1,208	1,166	1,179	1,164	1,182	1,257	1,212	1,409
NEW HAMPSHIRE.....	9,480	947	964	838	719	684	734	775	681	687	846	841	764
NEW JERSEY.....	69,942	6,893	5,983	6,096	5,620	5,651	5,376	5,581	5,542	5,302	5,892	5,824	6,182
NEW MEXICO.....	12,803	1,369	1,085	1,140	1,020	1,000	1,052	964	976	982	1,039	1,051	1,125
NEW YORK.....	155,640	15,776	13,360	13,435	12,242	12,393	12,078	12,271	12,097	11,861	13,174	12,998	13,955
NORTH CAROLINA.....	68,736	6,580	6,019	6,167	5,431	5,509	5,267	5,483	5,411	5,277	5,695	5,670	6,227
NORTH DAKOTA.....	6,312	542	604	541	558	519	454	470	559	476	535	535	519
OHIO.....	105,514	10,518	9,278	9,371	8,443	8,356	8,225	8,163	8,208	8,067	8,805	8,812	9,268
OKLAHOMA.....	32,933	3,198	2,936	2,888	2,644	2,744	2,544	2,717	2,628	2,463	2,619	2,683	2,869
OREGON.....	29,314	2,766	2,318	2,544	2,471	2,337	2,333	2,375	2,403	2,321	2,437	2,385	2,624
PENNSYLVANIA.....	127,555	12,337	11,325	11,587	10,103	10,212	9,688	9,811	9,914	9,677	10,834	10,740	11,327
RHODE ISLAND.....	9,726	962	967	860	780	725	709	786	747	728	788	779	895
SOUTH CAROLINA.....	34,084	3,370	2,995	2,955	2,744	2,771	2,679	2,677	2,688	2,633	2,756	2,807	3,009
SOUTH DAKOTA.....	7,044	658	620	610	525	543	542	566	587	566	628	578	621
TENNESSEE.....	56,577	5,786	5,013	4,838	4,580	4,592	4,504	4,391	4,421	4,301	4,648	4,624	4,879
TEXAS.....	144,589	14,347	12,007	12,932	11,691	12,030	11,447	11,631	11,385	11,182	11,705	11,594	12,638
UTAH.....	12,144	1,257	927	1,049	950	1,004	1,005	1,019	986	944	1,042	938	1,023

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 10

NUMBER OF DEATHS TABULATED BY
STATE OF OCCURRENCE AND MONTH: UNITED STATES, 1998

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

STATE OF OCCURRENCE	TOTAL	MONTH OF DEATH											
		JANUARY	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOV.	DEC.
VERMONT.....	4,989	440	477	466	389	375	351	412	418	378	455	407	421
VIRGINIA.....	53,797	5,178	4,976	4,696	4,291	4,316	4,073	4,227	4,156	4,205	4,357	4,490	4,832
WASHINGTON.....	42,848	3,988	3,550	3,698	3,616	3,472	3,346	3,452	3,439	3,302	3,656	3,561	3,768
WEST VIRGINIA.....	20,603	1,850	1,753	1,915	1,662	1,600	1,617	1,625	1,607	1,619	1,656	1,851	1,848
WISCONSIN.....	45,714	4,294	4,121	4,190	3,516	3,650	3,492	3,654	3,578	3,606	3,924	3,728	3,961
WYOMING.....	3,661	340	367	318	286	296	285	335	270	274	298	295	297

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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	S	Limited Len-			
Recode	T	Sex	Age	gth	Cause Title And ICD-9 Codes Included
00100	1			057	I. Infectious and parasitic diseases (001-139)
00200	1			040	Intestinal infectious diseases (001-009)
00300				054	Cholera and typhoid and paratyphoid fevers (001-002)
00400				019	Shigellosis (004)
00500				076	Other salmonella infections and other food poisoning (bacterial) (003,005)
00600				017	Amebiasis (006)
00700				066	Intestinal infections due to other specified organisms (007-008)
00800				041	Ill-defined intestinal infections (009)
00900	1			022	Tuberculosis (010-018)
01000				046	Tuberculosis of respiratory system (010-012)
01100				030	Other tuberculosis (013-018)
01200	1			047	Zoonotic and other bacterial diseases (020-041)
01300				019	Brucellosis (023)
01400				018	Diphtheria (032)
01500				022	Whooping cough (033)
01600				065	Streptococcal sore throat, scarlatina, and erysipelas (034-035)
01700				031	Meningococcal infection (036)
01800				015	Tetanus (037)
01900		3		018	Septicemia (038)
02000				056	All other bacterial diseases (020-022,024-031,039-041)
02100	1			034	Viral diseases (*042-*044,045-079)
02200				027	Acute poliomyelitis (045)
02300				016	Smallpox (050)
02400				015	Measles (055)
02500				015	Rubella (056)
02600				040	Arthropod-borne encephalitis (062-064)
02700				023	Viral hepatitis (070)
02800				074	Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)
02900	1			058	Rickettsioses and other arthropod-borne diseases (080-088)
03000				042	Typhus and other rickettsioses (080-083)
03100				015	Malaria (084)
03200				046	All other arthropod-borne diseases (085-088)
03300	1			046	Syphilis and other venereal diseases (090-099)
03400	1			020	Syphilis (090-097)
03500				033	Cardiovascular syphilis (093)
03600				023	Neurosyphilis (094)
03700				040	All other syphilis (090-091,095-097)
03800				029	Gonococcal infections (098)
03900				031	Other venereal diseases (099)
04000	1			103	Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)
04100				019	Mycoses (110-118)
04200				025	Helminthiases (120-129)
04300				036	Late effects of tuberculosis (137)
04400				043	Late effects of acute poliomyelitis (138)
04500				127	All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)
04600	1			033	II. Neoplasms (140-239)
04700	1			089	Malignant neoplasms, including neoplasms of lymphatic and

hematopoietic tissues (140-208)

04800	1	064	Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
04900		016	Of lip (140)
05000		019	Of tongue (141)
05100		026	Of pharynx (146-149.0)
05200		097	Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)

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

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

09800		048	Of all other and unspecified sites (195-199)
09900	1	070	Malignant neoplasms of lymphatic and hematopoietic tissues (200-208)
10000		043	Lymphosarcoma and reticulosarcoma (200)
10100		027	Hodgkin's disease (201)
10200		070	Other malignant neoplasms of lymphoid and histiocytic tissue (202)

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

282 S Limited Len-

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

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

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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
14900	1		072		VI. Diseases of the nervous system and sense organs (320-389)
15000	1		040		Diseases of the nervous system (320-359)
15100			022		Meningitis (320-322)
15200			027		Parkinson's disease (332)
15300			092		Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)
15400			026		Multiple sclerosis (340)
15500			032		Infantile cerebral palsy (343)
15600			016		Epilepsy (345)
15700			068		Other diseases of the nervous system (323-326,341-342,344,346-359)
15800			041		Disorders of the eye and adnexa (360-379)
15900			049		Diseases of the ear and mastoid process (380-389)
16000	1		060		VII. Diseases of the circulatory system (390-459)
16100	1		053		Rheumatic fever and rheumatic heart disease (390-398)
16200			033		Acute rheumatic fever (390-392)
16300	1		043		Chronic rheumatic heart disease (393-398)
16400			034		Diseases of mitral valve (394)
16500			034		Diseases of aortic valve (395)
16600			046		Diseases of mitral and aortic valves (396)
16700			059		All other chronic rheumatic heart disease (393,397-398)
16800	1		030		Hypertensive disease (401-404)
16900			030		Essential hypertension (401)
17000			034		Hypertensive heart disease (402)
17100			034		Hypertensive renal disease (403)
17200			044		Hypertensive heart and renal disease (404)
17300	1		032		Ischemic heart disease (410-414)
17400			035		Acute myocardial infarction (410)
17500			064		Other acute and subacute forms of ischemic heart disease (411)
17600			023		Angina pectoris (413)
17700			087		Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
17800			043		Diseases of pulmonary circulation (415-417)
17900	1		038		Other forms of heart disease (420-429)
18000			039		Acute and subacute endocarditis (421)
18100			088		Acute pericarditis, acute myocarditis, and other diseases of pericardium (420,422-423)
18200	1		037		Other diseases of endocardium (424)
18300			034		Mitral valve disorders (424.0)
18400			034		Aortic valve disorders (424.1)
18500			051		All other diseases of endocardium (424.2-424.9)
18600			021		Heart failure (428)
18700			068		Myocarditis, unspecified and myocardial degeneration (429.0-429.1)
18800			072		All other and ill-defined forms of heart disease (425-427,429.2-429.9)
18900	1		034		Cerebrovascular diseases (430-438)
19000			031		Subarachnoid hemorrhage (430)
19100			059		Intracerebral and other intracranial hemorrhage (431-432)
19200			054		Occlusion and stenosis of precerebral arteries (433)
19300			082		Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)

19400		027	Cerebral embolism (434.1)
19500		053	Acute but ill-defined cerebrovascular disease (436)
19600		066	Other and late effects of cerebrovascular diseases (435,437-438)
19700	1	059	Diseases of arteries, arterioles, and capillaries (440-448)
19800		023	Atherosclerosis (440)
19900		023	Aortic aneurysm (441)
20000		071	All other diseases of arteries, arterioles, and capillaries (442-448)
20100	1	084	Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)
20200		075	Phlebitis, thrombophlebitis, and venous embolism and thrombosis (451-453)
20300		095	Other diseases of veins and lymphatics and all other diseases of circulatory system (454-459)

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282 S Limited Len-

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

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

25000	034	Acute glomerulonephritis (580)
25100	028	Nephrotic syndrome (581)
25200	140	Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)
25300	120	Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)
25400	028	Infections of kidney (590)
25500	028	Urinary calculus (592,594)
25600	056	All other diseases of urinary system (591,593,595-599)

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282 S Limited Len-

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

25700	1	1		041	Diseases of male genital organs (600-608)
25800			1	031	Hyperplasia of prostate (600)
25900			1	049	Other diseases of male genital organs (601-608)
26000				029	Disorders of breast (610-611)
26100			2	057	Diseases of female genital organs except breast (614-629)
26200	1	2	2	083	XI. Complications of pregnancy, childbirth, and the puerperium (630-676)
26300	1	2	2	041	Pregnancy with abortive outcome (630-638)
26400			2	025	Ectopic pregnancy (633)
26500			2	028	Spontaneous abortion (634)
26600			2	032	Legally induced abortion (635)
26700			2	034	Illegally induced abortion (636)
26800			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	054	Hemorrhage of pregnancy and childbirth (640-641,666)
27100			2	040	Toxemia of pregnancy (642.4-642.9,643)
27200			2	024	Obstructed labor (660)
27300			2	043	Complications of the puerperium (670-676)
27400			2	077	Other direct obstetric causes (642.0-642.3,644-646,651-659,661-665,667-669)
27500			2	035	Indirect obstetric causes (647-648)
27600			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	S	Limited Len-			
Recode	T	Sex	Age	gth	Cause Title And ICD-9 Codes Included
29600	1			069	XVI. Symptoms, signs, and ill-defined conditions (780-799)
29700				043	Senility without mention of psychosis (797)
29800				067	Symptoms, signs, and other ill-defined conditions (780-796,798-799)
29900	1			093	Supplementary classification of external causes of injury and poisoning (E800-E999)
30000	1			041	Accidents and adverse effects (E800-E949)
30100	1			033	Transport accidents (E800-E848)
30200				033	Railway accidents (E800-E807)
30300	1			039	Motor vehicle accidents (E810-E825)
30400	1			049	Motor vehicle traffic accidents (E810-E819)
30500				045	Involving collision with train (E810)
30600				066	Involving collision with another motor vehicle (E811-E812)
30700				050	Involving collision with pedestrian (E814)
30800				068	Involving collision with other vehicle or object (E813,E815)
30900				054	Not involving collision on highway (E816-E818)
31000				067	Motor vehicle traffic accident of unspecified nature (E819)
31100				052	Motor vehicle nontraffic accidents (E820-E825)
31200				044	Other road vehicle accidents (E826-E829)
31300				041	Water transport accidents (E830-E838)
31400				049	Air and space transport accidents (E840-E845)
31500				060	Vehicle accidents not elsewhere classifiable (E846-E848)
31600	1			034	Accidental poisoning (E850-E869)
31700				075	Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)
31800				072	Accidental poisoning by other solid or liquid substances (E860-E866)
31900				056	Accidental poisoning by gases and vapors (E867-E869)
32000				091	Misadventures during medical care, abnormal reactions, and late complications (E870-E879)
32100	1			030	Accidental falls (E880-E888)
32200				046	Fall from one level to another (E880-E884)
32300				034	Fall on same level (E885-E886)
32400				076	Fracture, cause unspecified, and other and unspecified falls (E887-E888)
32500				049	Accidents caused by fire and flames (E890-E899)
32600	1			053	Other accidents, including late effects (E900-E929)
32700				020	Lightning (E907)
32800				045	Accidental drowning and submersion (E910)
32900				120	Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation (E911-E912)
33000				039	Accident caused by handgun (E922.0)
33100				074	Accidents caused by all other and unspecified firearms (E922.1-E922.9)
33200				048	Accident caused by explosive material (E923)
33300				123	Accident caused by hot substance or object, caustic or corrosive material, steam, and exposure to radiation (E924,E926)
33400				046	Accident caused by electric current (E925)
33500				103	All other accidents and late effects of accidental injury (E900-E906,E908-E909,E913-E921,E927-E929)
33600				102	Drugs, medicaments, and biological substances causing adverse

effects in therapeutic use (E930-E949)

33700	1	1	019	Suicide (E950-E959)
33800		1	064	Suicide by drugs, medicaments, and biologicals (E950.0-E950.5)
33900		1	061	Suicide by other solid or liquid substances (E950.6-E950.9)
34000		1	041	Suicide by gases and vapors (E951-E952)
34100		1	059	Suicide by hanging, strangulation, and suffocation (E953)
34200		1	029	Suicide by handgun (E955.0)
34300		1	063	Suicide by all other and unspecified firearms (E955.1-E955.4)
34400		1	089	Suicide by all other means and late effects of self-inflicted injury (E954,E955.5-E959)

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

282 S Limited Len-

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

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

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

450	084	Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)
460	029	Cerebral embolism (434.1)
470	076	All other and late effects of cerebrovascular diseases (430,433,435-438)
480	023	Atherosclerosis (440)
490	067	Other diseases of arteries, arterioles, and capillaries (441-448)

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

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

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

61 S Limited Len-

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

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

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

61 S Limited Len-

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

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

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Recode	T	Sex	Age	gth	Cause Title And ICD-9 Codes Included
52					S Limited Len-
010					050 Tuberculosis, including late effects (010-018,137)
020				3	016 Septicemia (038)
030		1			089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
040					064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
050					039 Malignant neoplasm of esophagus (150)
060					037 Malignant neoplasm of stomach (151)
070					035 Malignant neoplasm of colon (153)
080					070 Malignant neoplasms of rectum, rectosigmoid junction, and anus (154)
090					064 Malignant neoplasms of liver and intrahepatic bile ducts (155)
100					070 Malignant neoplasms of gallbladder and extrahepatic bile ducts (156)
110					038 Malignant neoplasm of pancreas (157)
120					036 Malignant neoplasm of larynx (161)
130					058 Malignant neoplasms of trachea, bronchus, and lung (162)
140					036 Malignant neoplasm of pleura (163)
150					059 Malignant neoplasms of bone and articular cartilage (170)
160					063 Malignant neoplasms of connective and other soft tissue (171)
170					034 Malignant melanoma of skin (172)
180		2			043 Malignant neoplasm of female breast (174)
190		2			042 Malignant neoplasm of cervix uteri (180)
200		2			044 Malignant neoplasm of body of uterus (182)
210		2			061 Malignant neoplasms of ovary and other uterine adnexa (183)
220		1			038 Malignant neoplasm of prostate (185)
230		1			036 Malignant neoplasm of testis (186)
240					037 Malignant neoplasm of bladder (188)
250					078 Malignant neoplasms of kidney and other and unspecified urinary organs (189)
260					090 Malignant neoplasms of brain and other and unspecified parts of nervous system (191-192)
270					025 Hodgkin's disease (201)
280					059 Malignant lymphoma other than Hodgkin's disease (200,202)
290					058 Multiple myeloma and immunoproliferative neoplasms (203)
300					020 Leukemia (204-208)
310					149 All other malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (152,158-160,164-165,173,175,179, 181,184,187,190,193-199)
320					023 Diabetes mellitus (250)
330					021 Aplastic anemia (284)
340		1			039 Diseases of heart (390-398,402,404-429)
350					034 Hypertensive heart disease (402)
360					044 Hypertensive heart and renal disease (404)
370		1			034 Ischemic heart disease (410-414)
380					037 Acute myocardial infarction (410)
390					046 All other ischemic heart disease (411-414)
400					047 All other diseases of heart (390-398,415-429)
410					052 Hypertension with or without renal disease (401,403)
420					034 Cerebrovascular diseases (430-438)
430					021 Atherosclerosis (440)
440					033 Pneumonia and influenza (480-487)
450					070 Chronic obstructive pulmonary diseases and allied conditions (490-496)
460					072 Pneumoconioses and pneumopathy due to inhalation of other

dust (500-505)

470		039	Ulcer of stomach and duodenum (531-533)
480		041	Chronic liver disease and cirrhosis (571)
490		054	Nephritis, nephrotic syndrome, and nephrosis (580-589)
500	1	041	Accidents and adverse effects (E800-E949)
510		037	Motor vehicle accidents (E810-E825)
520		079	Accidents mainly of industrial type (E846,E881-E882,E916-E919,E921,E923-E926)
530		099	Other accidents and adverse effects (E800-E807,E826-E845,E847-E880,E883-E915,E920, E922,E927-E949)
540	1	019	Suicide (E950-E959)
550		043	Homicide and legal intervention (E960-E978)
560		049	All other diseases and external causes (Residual)

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

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

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
TECHNICAL APPENDIX

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A copy of the technical appendix may be obtained by contacting the National Center for Health Statistics, Mortality Statistics Branch at 301-436-8884.

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
TECHNICAL APPENDIX

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Sources of data

Death statistics

Mortality statistics for 1995 are, as for all previous years except 1972, based on information from records of all deaths occurring in the United States.

The death-registration system of the United States encompasses the 50 States, the District of Columbia, New York City (which is independent of New York State for the purpose of death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands. In statistical tabulations, United States refers only to the aggregate of the 50 States (including New York City) and the District of Columbia. Data for Guam, Puerto Rico, and the Virgin Islands are presented separately from data for the United States. No data are included for American Samoa or the Commonwealth of the Northern Marianas.

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 *Vital Statistics of the United States* from the year of their admission through 1971 except for the years 1967-69, and tabulations for Guam were included for 1970 and 1971. Death statistics for Puerto Rico, the Virgin Islands, and Guam were not included in *Vital Statistics of the United States* for 1972 but have been included each year since 1973. 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 were based solely on information obtained by NCHS from copies of the original certificates. The information from these copies was edited, coded, and tabulated. For 1960-70 all mortality information taken from these records was transferred by NCHS to magnetic tape for computer processing.

Beginning with 1971 an increasing number of States have provided NCHS, via the Vital Statistics Cooperative Program (VSCP), with electronic files of data coded according to NCHS specifications. The year in which State-coded demographic data were first transmitted in electronic data files to NCHS is shown below for each of the States, New York City, the District of Columbia, Puerto Rico, and the Virgin Islands, all of which now furnish demographic or nonmedical data in electronic data files.

1971	1972	1973
Florida	Maine	Colorado
	Missouri	Michigan
	New Hampshire	New York (except New York City)
	Rhode Island	
	Vermont	
1974	1975	1976
Illinois	Louisiana	Alabama
Iowa	Maryland	Kentucky
Kansas	North Carolina	Minnesota
Montana	Oklahoma	Nevada
Nebraska	Tennessee	Texas
Oregon	Virginia	West Virginia
South Carolina	Wisconsin	

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1977
Alaska
Idaho
Massachusetts
New York City
Ohio
Puerto Rico

1978
Indiana
Utah
Washington

1979
Connecticut
Hawaii
Mississippi
New Jersey
Pennsylvania
Wyoming

1980
Arkansas
New Mexico
South Dakota

1982
North Dakota

1985
Arizona
California
Delaware
Georgia
District of Columbia

1994
Virgin Islands

For Guam, mortality statistics for 1995 are based on information obtained directly by NCHS from copies of the original certificates received from the registration office.

In 1974 States began coding medical (cause-of-death) data in electronic data files according to NCHS specifications. The year in which State-coded medical data were first transmitted to NCHS is shown below for the 41 States now furnishing such data. In 1995 Maine, Montana, North Dakota, and Wyoming contracted with a private company to provide precoded medical data to NCHS. Kansas provided the medical data for Alaska. The remaining 9 VSCP States, New York City, the District of Columbia, Puerto Rico, the Virgin Islands, and Guam submitted copies of the original certificates from which NCHS coded the medical data.

1974
Iowa
Michigan

1975
Louisiana
Nebraska
North Carolina
Virginia
Wisconsin

1980
Colorado
Kansas
Massachusetts
Mississippi
New Hampshire
Pennsylvania
South Carolina

1981
Maine

1983
Minnesota

1984
Maryland
New York (except New York City)
Vermont

1986
California
Florida
Texas

1988
Alaska
Delaware
Idaho
North Dakota
Wyoming

1989
Georgia
Indiana
Washington

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1991
Arkansas

1992
Montana

1993
Alabama
Connecticut
Hawaii
Nevada
Oregon
South Dakota

1994
Oklahoma
Rhode Island

1995
New Mexico

For 1995 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS with medical data coded according to NCHS specifications. For 1981 and 1982, these procedures were modified because of a coding and processing backlog resulting from personnel and budgetary restrictions. To produce the mortality files on a timely basis with reduced resources, NCHS used State-coded underlying cause-of-death information supplied by 19 States for 50 percent of the records; for the other 50 percent of the records for these States as well as for 100 percent of the records for the remaining 21 registration areas, NCHS coded the medical information. Mortality statistics for 1972 were based on information obtained from a 50-percent sample of death records instead of from all records as in other years. The sample resulted from personnel and budgetary restrictions. Sampling variation associated with the 50-percent sample is described in "Estimates of errors arising from 50-percent sample for 1972" under "Quality control procedures".

Standard certificate

For many years, the U.S. Standard Certificate of Death, issued by the Department of Health and Human Services, has been used as the principal means to attain uniformity in the contents of documents used to collect information on these events. It has been modified by 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 of most States conform closely in content and arrangement to the standards.

The first issue of the U.S. Standard Certificate of Death appeared in 1900. Since then, it has been revised periodically by the national vital statistics agency through consultation with State health officers and registrars; Federal agencies concerned with vital statistics; national, State, and county medical societies; and others working in such fields as public health, social welfare, demography, and insurance. This revision procedure has ensured careful evaluation of each item in terms of its current and future usefulness for legal, medical and health, demographic, and research purposes. New items have been added when necessary, and old items have been modified to ensure better reporting; or in some cases, items have been dropped when their usefulness appeared to be limited.

The current version of the U.S. Standard Certificate of Death was recommended for State use beginning on January 1, 1989. The U.S. Standard Certificate of Death is shown in figure 7-A (1).

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, this area consisted of Massachusetts, New Jersey, the District of Columbia, and several large cities that had efficient systems for death registration. The death-registration area continued to expand until 1933,

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when it included for the first time the entire United States. Tables showing data for death-registration States include the District of Columbia for all years; registration cities in nonregistration States are not included. For more details on the history of the death-registration area, see *U.S. Vital Statistics System: Major Activities and Developments, 1950-95* (2).

Classification of data

Vital statistics data is presented in terms of both frequencies and rates which are classified according to demographic variables such as geographic area, age, sex, and race. Since the calculation of rates requires population data, both vital statistics and population data must be classified and tabulated in comparable groups. The general rules used in the classification of geographic and personal items for deaths for 1995 are set forth in the NCHS instruction manual, Part 4 (3). A discussion of the classification of certain important items is presented below.

Classification by occurrence and residence

Tabulations for the United States and specified geographic areas are classified by place of residence unless stated as by place of occurrence. Before 1970 resident mortality statistics for the United States included all deaths occurring in the States and the District of Columbia, with deaths of nonresidents assigned to place of death. For the United States (50 States and the District of Columbia), deaths of nonresidents refers to deaths that occur in the 50 States and the District of Columbia of nonresident aliens; nationals residing abroad; and residents of Puerto Rico, the Virgin Islands, Guam, and other territories of the United States. Similarly, for Puerto Rico and for the Virgin Islands, deaths of nonresidents refers to deaths that occurred to a resident of any place other than Puerto Rico and the Virgin Islands, respectively. For Guam, however, deaths of nonresidents refers to deaths that occurred to a resident of any place other than Guam or the United States. Beginning with 1970, deaths of nonresidents are not included in tables by place of residence.

Deaths 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 1995 this difference amounted to 3,119 deaths.

Before 1970, except for 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact place of occurrence, which in most instances was an urban area. In 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were allocated as deaths of residents of the balance of the county in which they occurred.

Residence error--Results of a 1960 study showed that the classification of residence information on the death certificates corresponded closely to the residence classification of the census records for the decedents whose records were matched (4).

A recent review of infant mortality rates for major urban areas suggests that the problem of residence error persists in vital statistics data despite the presence of an item on the U.S. Standard certificates of birth and death that asks whether residence was inside or outside city limits. Full resolution of this problem may require the application of automated systems for assigning addresses to geopolitical units.

Geographic classification

The rules followed in the classification of geographic areas for deaths are contained in NCHS instruction manual, Part 4 (3). The geographic codes assigned by NCHS on birth and death records are given in another instruction manual (5). Beginning with 1994 data, the geographic codes were modified to reflect results of the 1990 census. For 1982-93 codes are based on the results of the 1980 census and for 1970-81 on the 1970 census.

Metropolitan statistical areas--The Metropolitan statistical areas (MSA's) and Primary metropolitan statistical areas (PMSA's) are those established by the U.S. Office of Management and Budget as of April 1, 1990, and used by the U.S. Bureau of the Census (6), except in the New England States.

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Outside the New England States, an MSA has either a city with a population of at least 50,000 or a U.S. Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over one million. When PMSA's are defined, the larger area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (7).

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

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

Population-size groups--Beginning with the 1994 data year, vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1990 Census of Population. Data are available for individual cities and other urban places of 10,000 or more population. As a result of changes in the enumerated population between 1980 and 1990, some urban places are no longer identified separately and other urban places have been added. Data for the remaining areas not separately identified appear under the heading "balance of area" or "balance of county." For the years 1982-93 classification of areas was determined by the population enumerated in the 1980 Census of Population and for the years 1970-81 in the 1970 Census of Population.

Urban places other than incorporated cities include the following:

- ! Each town in New England, New York, and Wisconsin and each township in Michigan, New Jersey, and Pennsylvania that had no incorporated municipality as a subdivision and had either 25,000 inhabitants or more, or a population of 10,000 to 25,000 and a density of 1,000 persons or more per square mile.
- ! Each county in States other than those indicated above that had no incorporated municipality within its boundary and had a density of 1,000 persons or more per square mile. (Arlington County, Virginia, is the only county classified as urban under this rule.)
- ! Each place in Hawaii with a population of 10,000 or more. (There are no incorporated cities in the State.)

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

State or country of birth

Mortality statistics by State or country of birth 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 1995, about 0.6 percent.

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

Age

The age recorded on the death record is the age at last birthday, the same as the age classification used by the U.S. Bureau of the Census. For 1995 data, 463 resident death records (0.02 percent) contained not-stated age. 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.

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Race

For vital statistics in the United States in 1995, deaths are classified by race--white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, and Other Asian or Pacific Islander. Beginning with 1992 data, an expanded code structure was used for seven States showing five additional Asian or Pacific Islander groups. These groups are Asian Indian, Korean, Samoan, Vietnamese, and Guamanian. These groups are coded only for deaths occurring in California, Hawaii, Illinois, New Jersey, New York, Texas, and Washington. In 1990, at least two-thirds of the U.S. population of each of these groups lived in this seven-State reporting area: Asian Indian, Korean, and Vietnamese, 63-66 percent; Guamanian, 74 percent; and Samoan, 84 percent (9). This additional race detail is available on the mortality public-use data tapes (10,11) and in tabular form. Beginning with 1992 data, all records coded as "other races" (0.02 percent of the total deaths in 1995) were assigned to the specified race of the previous record rather than to a separate category called "other races." 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 in the race item on the death certificate as Hispanic, Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes North, Central, and South American Indian, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been used since 1969. Before 1969 if the entry for race was a mixture of black and any other race except Hawaiian, the entry was coded to black.

Race not stated--For 1995 the number of death records for which race was unknown, not stated, or not classifiable was 1,954 or 0.1 percent of the total deaths. Beginning in 1992 death records with race not stated were assigned to the specified race of the previous record with known race. From 1965 to 1991 death records with race entry not stated were assigned to a racial designation as follows: If the preceding record was coded white, the code assignment was made to white; if the code was other than white, the assignment was 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 and death in the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without the race item was used for most of 1962 as well as 1963. Therefore, figures by race for 1962 and 1963 exclude New Jersey. For 1964, 6.8 percent of the death records used for residents of New Jersey did not contain the race item.

Adjustments made in vital statistics to account for the omission of the race item in New Jersey for part of the certificates filed during 1962-64 are described in the Technical Appendix of *Vital Statistics of the United States* for each of those data years.

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

In one study a sample of approximately 340,000 death certificates was compared with census records for a 4-month period in 1960 (12). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups (table A); the net difference in the number of deaths between the census records and death certificates can be expressed as a ratio of the census to the death certificate. A ratio of 1.0 for both white and black decedents (table A) indicates that the number of deaths for these race groups was essentially the same for these two sources. In another study, the National Longitudinal Mortality Study (NLMS), a total of 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-85 (13). The ratio between the two sources for white and black decedents was 1.0 as in the earlier study, however, the ratio for American Indian was 1.22 indicating that 22 percent more decedents were identified as American Indian in the census source as compared to the death certificate. The ratio for Asians was 1.12 (table A). In 1986 the National Mortality Followback Survey, conducted

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by NCHS, listed a question about the race of decedents 25 years old and over. The total sample was 18,733 decedents (14). The rates of agreement were similar to those observed in the other studies.

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

Hispanic deaths

Mortality statistics for the Hispanic population are based on information for those States and the District of Columbia that included items on the death certificate to identify Hispanic or ethnic origin of decedents. Data for 1995 were obtained from the District of Columbia and all States except Oklahoma, which was excluded because its death certificate did not include an item to identify Hispanic or ethnic origin.

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

- ! WAS DECEDENT OF HISPANIC ORIGIN?
(Specify No or Yes--If Yes, specify Cuban, Mexican, Puerto Rican, etc.)
 No ___ Yes
Specify:

The second format is a more general ancestry item and appears as follows:

- ! ANCESTRY--Mexican, Puerto Rican, Cuban, African, English, Irish, German, Hmong, etc., (*specify*)

Death rates --Death rates for the total Hispanic population and race for non-Hispanic origin utilize demographically-derived population estimates produced by the Bureau of the Census (15). By comparison, population estimates for Mexicans, Puerto Ricans, Cubans, and Other Hispanics are based in part on the Current Population Survey (15). Rates using the latter, therefore, are subject to sampling variation as well as random variation (see "Random variation and sampling errors").

The 49 States and the District of Columbia accounted for about 99.6 percent of the Hispanic population in the United States in 1990. This included about 99.5 percent of the Mexican population, 99.8 percent of the Puerto Rican population, 99.9 percent of the Cuban population, and 99.7 percent of the "Other Hispanic" population (9). For qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

In 1994 New York City instituted the use of a revised death certificate where the race and ethnic items were to be completed by the funeral director. Previously these items were completed by the physician or medical examiner. In 1995 of the 70,752 deaths occurring in New York City, only 3 percent were coded to Unknown origin. Similarly, 4 percent were coded to unknown origin in 1994 whereas 23 percent were coded to Unknown origin in 1993. Between 1993 and 1994 the number of deaths occurring in New York City decreased 69 percent for Other and unknown Hispanic and 83 percent for Unknown origin. As a result of increased specificity in reporting ethnic origin, the number of deaths increased substantially in 1994 for Non-Hispanic and for each of the specified Hispanic subgroups.

Quality of data on Hispanic deaths--The NLMS examined the reliability of Hispanic origin reported on 43,520 death certificates with that reported on a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-85 (13). The ratio of deaths for CPS divided by deaths for death certificate was 1.07 percent indicating net underreporting of Hispanic origin on death certificates as compared with self-reports on the surveys. The sample was too small to assess the reliability of specified Hispanic groups.

Marital status

Mortality statistics by marital status have been published annually since 1979. They were previously published in *Vital Statistics of the United States* for 1949-51 and 1959-61. Several reports analyzing mortality by marital

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status have been published, including the special study based on 1959-61 data (16). 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. Deaths for which the marriage is specified as being annulled are classified as never married. Marital status specified as separated or common-law marriage is classified as married. Of the 2,267,097 resident deaths 15 years of age and over in 1995, 9,705 certificates (0.4 percent) had marital status not stated.

Death rates -- Death rates for marital status use population estimates produced by the Bureau of the Census based on the Current Population Survey (15). Because these population estimates are subject to sampling variation, death rates based on them are subject to both sampling variation as well as random variation (see "Random variation and sampling errors").

Educational attainment

Beginning with the 1989 data year, mortality data on educational attainment have been tabulated from information reported on the death certificate using the following item:

- ! DECEDENT'S EDUCATION (*Specify only highest grade completed*)
Elementary/Secondary (0-12)
College (1-4 or 5+)

For 1995, mortality data on educational attainment were reported by 46 States and the District of Columbia. Georgia, Oklahoma, Rhode Island, and South Dakota did not include an educational attainment item on their death certificate.

Selected mortality tables on educational attainment are based on deaths to residents of 45 States and the District of Columbia whose data were approximately 80 percent or more complete on a place-of-occurrence basis. In addition to the four States mentioned previously, data for Kentucky are excluded from these tables because more than 20 percent of their death certificates were classified to "unknown educational attainment."

Injury at work

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

- ! INJURY AT WORK?
(*Yes or no*)

All States have this item on their death certificates.

Occupation and industry

Deaths by occupation and industry are included on the 1995 public-use data tapes and CD-ROM. These data have been included since 1985 and were obtained from the following items that appear on the U.S. Standard Certificate of Death:

- ! DECEDENT'S USUAL OCCUPATION
(*Give kind of work done during most of working life.*
Do not use retired.)

- ! KIND OF BUSINESS/INDUSTRY

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For 1995, the occupation and industry mortality data were included for the following 19 reporting States:

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

Data for 1993-95 were coded using the revised NCHS Part 19 instruction manual (17) and the Bureau of the Census 1990 occupation and industry titles and three-digit codes, which are shown in the 1990 Census of Population and Housing (18).

Occupation and industry mortality data for 1984-92 were based on the 1980 Bureau of the Census occupation and industry classifications. For a listing of the changes between the 1980 and the 1990 classification systems, see Appendix D of the NCHS Part 19 instruction manual (17).

In addition to the codes shown in the Bureau of the Census publication (18), the following special codes were created:

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

Place of death and status of decedent

Mortality statistics by type of place of death have been shown annually in *Vital Statistics of the United States* since 1979. Before that year they were published in 1958 (tables 1-30--1-32). In addition, mortality data also were available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1994 data were obtained from the following two items appearing on the revised U.S. Standard Certificate of Death (1):

! PLACE OF DEATH (*check only one*)

HOSPITAL: Inpatient ER/Outpatient DOA

OTHER: Nursing Home Residence Other (*specify*)

! FACILITY NAME (*If not institution, give street and number*)

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Before the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent could be determined if hospital or institution indicated Inpatient, Outpatient, ER, or DOA, and if the name of the hospital or institution, which was used to determine the kind of facility, appeared on the certificate. The change to a checkbox format in many States for this item may affect the comparability of data for 1989 and subsequent years with data for years before 1989.

Except for Oklahoma, all of the States (including New York City) and the District of Columbia have this item (or its equivalent) on their certificates. For all reporting States and the District of Columbia in the VSCP, NCHS accepts the State definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

Effective with data for 1980, the coding of place of death and status of decedent was modified. A new coding category was added: "Dead on arrival--hospital, clinic, or medical center." Had the 1979 coding categories been used, these deaths would have been coded to "Place unknown."

California--For the first 5 months of data year 1989, California coded "Place of death" to "other" rather than "residence".

Mortality by month and date of death

Deaths by month have been tabulated regularly and are available for each year since 1900. Deaths from selected causes by date of death have been published each year since 1972 and are available for 1962.

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

These data show the frequency distribution of deaths for 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

Beginning with the 1995 data year, mortality data on autopsy are no longer collected due to budgetary constraints.

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" (19).

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

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

Tabulation lists--Beginning with data year 1979, the cause-of-death statistics published by NCHS have been classified according to the Ninth Revision of the *International Classification of Diseases* (ICD-9) (19).

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Five lists of causes have been developed by NCHS for tabulation and publication of mortality data--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 used under the Eighth Revision. However, complete comparability could not always be achieved.

The Each-Cause List is made up of each three-digit category of the WHO Detailed List to which deaths may be validly assigned and most four-digit subcategories. This list is used for the tabulation of data for the entire United States. The Each-Cause table in *Vital Statistics of the United States* does not show the four-digit or special five-digit subcategories provided for Motor vehicle accidents (E810-E825). The four-digit subcategories that identify persons injured and the five-digit subcategories that identify place of accident for deaths from nontransport accidents are tabulated separately.

The List of 282 Selected Causes of Death is constructed to be compatible with the recommended WHO lists for tabulating mortality data in ICD-9. This list is used for tabulating both State and national mortality data.

The List of 72 Selected Causes of Death was, in part, constructed by combining titles in the List of 282 Selected Causes of Death. It is used in tabulating data for the entire United States and each State and for Metropolitan statistical areas and for ranking leading causes of death excluding infants. (See "Cause-of-death ranking".)

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, and is used for ranking infant causes of death. (See "Cause-of-death ranking".)

The List of 34 Selected Causes of Death was created by combining titles in the List of 72 Selected Causes. This list is used for tabulating data by detailed geographic area.

Beginning with data for 1987, changes were made in these lists to accommodate the introduction in the United States of new categories *042-*044 for Human immunodeficiency virus (HIV) infection. The changes are described in the Technical Appendix from *Vital Statistics of the United States*, 1987. To facilitate data use, beginning with data for 1994, the categories for HIV infection (*042-*044) and Alzheimer's disease (ICD-9 No. 331.0) are included separately at the bottom of tables showing the List of 72 Selected Causes of Death and the List of 282 Selected Causes of Death. They are also subsumed in categories of the list.

Effect of ICD revisions--The International Classification of Diseases (ICD), used in the United States since 1900, has been revised approximately every 10 years so the disease classifications may be consistent with advances in medical science and with changes in diagnostic practice. Each revision of the ICD has produced some break in comparability of cause-of-death statistics. Cause-of-death statistics beginning with 1979 are classified by NCHS according to ICD-9 (19). For a discussion of each of the classifications used with death statistics since 1900, see *Vital Statistics of the United States*, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.

Revisions of the ICD cause discontinuities in cause of death statistics because of changes in the classification or in the rules for selecting and modifying the underlying cause of death. To measure the discontinuity, dual coding studies have been carried out since the Fifth Revision of the ICD (1940). A dual coding study was undertaken between the Ninth and the Eighth Revisions (20). For additional information about these studies, see the Technical Appendix from *Vital Statistics of the United States*, 1979.

Significant coding changes under the Ninth Revision--Since the implementation of ICD-9 in the United States, effective with mortality data for 1979, several coding changes have been introduced that are described in detail in *Vital Statistics of the United States* for the years in which they were introduced. The more important changes are: In early 1983 a change that affected data from 1981 to 1986 was made in the coding of Acquired immunodeficiency syndrome and HIV infection. Also effective with data year 1981 was a coding change for Poliomyelitis. For data year 1982, the definition of child was changed (which affects the classification of deaths to a number of categories, including Child battering and other maltreatment), and guidelines for coding deaths to the category Child battering and other maltreatment (ICD-9 No. E967) were changed also. During the calendar year 1985, detailed instructions for coding Motor vehicle accidents involving all-terrain vehicles were implemented to ensure consistency in coding these accidents. Effective with data year 1986, "Primary" and "Invasive" tumors, unspecified, were classified as "Malignant"; these neoplasms had been classified to Neoplasms of unspecified nature (ICD-9 No. 239).

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Beginning with data for 1987, NCHS introduced new category numbers *042-*044 for classifying and coding HIV infection, formerly referred to as Human T-cell lymphotropic virus-III/lymphadenopathy associated virus (HTLV-III/LAV) infection. The asterisks appearing before the categories indicate these codes are not part of ICD-9. Also changed effective with data year 1987 were coding rules for the conditions "Dehydration" and "Disseminated intravascular coagulopathy." Effective with data year 1988, minor content changes were made to the classification for HIV infection. Detailed discussion of these changes may be found in the Technical Appendix from *Vital Statistics of the United States*, 1988.

Coding in 1995--The rules and instructions used in coding 1995 mortality medical data remained essentially the same as those used for the 1994 data.

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

A number of studies have been undertaken on the quality of medical certification on the death certificate. In general, these have been for relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (21), covering 128 references over 23 years, indicates no definitive conclusions have been reached about the quality of medical certification on the death certificate. No country has a well-defined program for systematically assessing the quality of medical certifications reported on death certificates or for measuring the error effects on the levels and trends of cause-of-death statistics.

One index of the quality of reporting causes of death is the proportion of death certificates coded to the Ninth Revision, Chapter XVI, Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799). Although deaths occur for which it is impossible to determine the underlying cause, this proportion indicates the care and consideration given to the certification by the medical certifier. This proportion also may be used as a rough measure of the specificity of the medical diagnoses made by the certifier in various areas. In 1995, 1.2 percent of all reported deaths in the United States were assigned to this category. The percent of deaths assigned to this category remained stable at 1.5 percent from 1981 to 1987, but has declined slightly since then.

Automated selection of underlying cause of death--Before data for 1968, mortality medical data were based on manual coding of an underlying cause of death for each certificate in accordance with WHO rules. Effective with data year 1968, NCHS converted to computerized coding of the underlying cause and manual coding of all causes (multiple causes) on the death certificate. In this system, called Automated Classification of Medical Entities (ACME) (22), the multiple cause codes serve as inputs to the computer software that employs WHO rules to select the underlying cause. The ACME system applies the same rules for selecting the underlying cause as would be applied manually by a nosologist; however, under this system, the computer consistently applies the same criteria, thus eliminating intercoder variation in this step of the process.

The ACME computer program requires the coding of all conditions shown on the medical certification. These codes are matched automatically against decision tables that consistently select the underlying cause of death for each record according to the international rules. The decision tables provide the comprehensive relationships among the conditions classified by ICD when applying the rules of selection and modification.

The decision tables were developed by NCHS staff on the basis of their experience in coding underlying causes of death under the earlier manual coding system and as a result of periodic independent validations. These tables periodically are updated to reflect additional new information on the relationship among medical conditions. For data year 1988, these tables were amended to incorporate minor changes to the previously mentioned classification for HIV infection (*042-*044) that originally had been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (22,23,24).

Beginning with data year 1990, another computer system was implemented for automating cause-of-death coding. This system, called Mortality Medical Indexing, Classification, and Retrieval (MICAR) (25,26), automates coding multiple causes of death. Because MICAR automates multiple-cause coding rules, errors in recognizing terms, applying coding rules, and using the ICD index are eliminated. The use of the MICAR system ensures

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consistent application of multiple-cause coding rules, which is especially important for rules that are complex and infrequently applied. In addition, MICAR can provide more detailed information on the conditions reported on death certificates than is available through the ICD category structure (27). In the first year of implementation, only about 5 percent of the Nation's death records were coded using MICAR with subsequent processing through ACME. This percentage increased from 26 percent in 1991 to 35 percent in 1992, 59 percent in 1993, 72 percent in 1994, and 74 percent in 1995. States whose data were coded by MICAR in 1995 included Alabama, Arizona, Arkansas, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Missouri, Nebraska, Nevada, New Jersey, New York (excluding New York City), New York City, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and West Virginia. For these States, MICAR processed about 88 percent of the mortality records with an average system error rate of 0.17 on an underlying cause basis, and a rate of 0.32 on a multiple-cause basis. Records that MICAR was unable to process were coded manually and then processed using ACME.

Beginning with data year 1993, another computer system was implemented for automating cause-of-death coding. This system, called SuperMICAR, is an enhancement of the MICAR system, which allows for total literal entry of the multiple cause-of-death text as reported by the certifier. This information is automatically coded by the MICAR and ACME computer systems. In the first year of implementation, about 9 percent of the Nation's death records were coded using SuperMICAR with subsequent processing through MICAR and ACME. This percentage increased from 9 percent in 1993 to 12 percent in 1994, and 14 percent in 1995. States using SuperMICAR in 1995 included Colorado, Connecticut, Hawaii, Idaho, Michigan, Minnesota, New Hampshire, New Mexico, Oklahoma, Oregon, Rhode Island, and Wisconsin. In 1995, for these States, SuperMICAR processed about 75 percent of the mortality records with an average system error rate of 0.59 on an underlying cause basis, and a rate of 1.17 on a multiple-cause basis. Records that SuperMICAR was unable to process were coded manually and then processed using ACME.

Cause-of-death ranking--Cause-of-death ranking except for infants is based on numbers of deaths assigned to categories in the List of 72 Selected Causes of Death, Human immunodeficiency virus infection (*042-*044), and Alzheimer's disease (ICD-9 No. 331.0). Added to the list of rankable causes was HIV infection, effective with data year 1987 and Alzheimer's disease, effective with data year 1994. Cause-of-death ranking for infants is based on the List of 61 Selected Causes of Infant Death and HIV infection (added to the list of rankable causes of infant death effective with data year 1987).

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

Maternal deaths

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

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

Under the Eighth Revision, maternal deaths were assigned to the category "Complications of pregnancy, childbirth, and the puerperium" (*Eighth Revision International Classification of Diseases, Adapted for Use in the United States* (ICDA-8) Nos. 630-678). Although WHO did not define maternal mortality, an NCHS classification rule existed that limited the definition of a maternal death to a death that occurred within a year after termination of pregnancy from any "maternal cause," that is, any cause within the range of ICDA-8 Nos. 630-678. This rule

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applied only if a duration was given for the condition. If no duration was specified and the underlying cause of death was a maternal condition, the duration was assumed to be within a year and the death was coded by NCHS as a maternal death. The change from an under-1-year limitation for duration used in the Eighth Revision to an under-42-days limitation used in the Ninth Revision did not have much effect on the comparability of maternal mortality statistics. However, comparability was affected by the following classification change: Under the Ninth Revision, maternal causes of death have been expanded to include Indirect obstetric causes (ICD-9 Nos. 647-648). These causes include Infective and parasitic conditions as well as other conditions present in the mother and classifiable elsewhere but that complicate pregnancy, childbirth, and the puerperium, such as Syphilis, Tuberculosis, Diabetes mellitus, Drug dependence, and Congenital cardiovascular disorders.

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

Race--Beginning with the 1989 data year, NCHS changed the method of tabulating live birth data by race from race of child, which was determined from the race of the parents, to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989-95 and previous years; see "Change in tabulation of race data for live births," under "Infant deaths" in the Technical Appendix from *Vital Statistics of the United States*, 1990, or the series report, "Effect on Mortality Rates of the 1989 Change in Tabulating Race" (28).

Infant deaths

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

Rates--Infant mortality rates are the most commonly-used indices for measuring the risk of dying during the first year of life; they are calculated by dividing the number of infant deaths in a calendar year by the number of live births registered for the same period and are presented as rates per 1,000 or per 100,000 live births. Infant mortality rates use the number of live births in the denominator to approximate the population at risk of dying before the first birthday. This measure is an approximation because some live births will not have been exposed to a full year's risk of dying and some of the infants who die during a year will have been born in the previous year. The error introduced in the infant mortality rate by this inexactness is usually small, especially when the birth rate is relatively constant from year to year (29,30). 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 (31,32,33).

In contrast to infant mortality rates based on live births, infant death rates are based on the estimated population under 1 year of age. Infant death rates, which appear in tabulations of age-specific death rates, are calculated by dividing the number of infant deaths in a calendar year by the estimated midyear population of persons under 1 year of age and are presented as rates per 100,000 population in this age group. Patterns and trends in the infant death rate may differ somewhat from those of the more commonly used "infant mortality rate," mainly because of differences in the nature of the denominator and in the time reference. Whereas the population denominator for the infant death rate is estimated using data on births, infant deaths, and migration for the 12-month period of July-June, the denominator for the infant mortality rate is a count of births occurring during the 12 months of January-December. The difference in the time reference can result in different trends between the two indices during periods when birth rates are moving up or down markedly.

The infant death rate also is subject to greater imprecision than is the infant mortality rate because of problems of enumerating and estimating the population under 1 year of age (32).

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Change in tabulation of race data for live births--Beginning with the 1989 data year, NCHS changed the method of tabulating live-birth data by race from race of child, which was determined from the race of the parents, to race of mother. As in previous years, race for infant and maternal deaths (the numerator of the rate) is tabulated by the race of the decedent. Because live births comprise the denominator of infant and maternal mortality rates, this change resulted in a discontinuity in rates between 1989-95 data, and that for previous years. For additional information, see the Technical Appendix from *Vital Statistics of the United States*, 1990, or the series report, "Effect on Mortality Rates of the 1989 Change in Tabulating Race" (28).

Comparison of race data from birth and death certificates--Regardless of whether vital events are tabulated by race of mother or by race of parents, studies in which race on the birth and death certificates for the same infant were compared find inconsistencies in reporting race between birth and death certificates (34).

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, underestimates for specified races other than white or black. In the computation of race-specific infant mortality rates, the race item for the numerator comes from the death certificate, and for the denominator, from the birth certificate. Biases in the rates may arise because of possible inconsistencies in reporting race on these two vital records. Race of the mother and father is reported on the birth certificate by the mother at the time of delivery; whereas race of the deceased infant is reported on the death certificate by the funeral director based on observation or on information supplied by an informant, such as a parent. Previous studies have noted the race for an infant who died and was of a smaller minority race group is sometimes reported as white on the death certificate but is reported as the minority race group on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups, for example, American Indian (34).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for which race is based on the death certificate of the infant with rates in which race is based on race of mother from the birth certificate. In table B these comparisons are made for the years 1995 and 1996 combined. A measure of reliability is the ratio of race reported on the linked file (race of mother from the birth certificate) to the race of the child reported on the death certificate. The ratio for white infants is 1.0; for black 0.97 indicating a good net correspondence in race from the two sources. However, for American Indians the ratio is 1.14 indicating that rates where race is based on the birth certificate are 14 percent higher than those based on the death certificate. Ratios among specific populations groups of Asian Americans varied greatly. Understatement was greatest for Japanese infants with a ratio of 2.04, indicating that infant mortality rates based on birth certificate information are over twice as high as those based on death certificates. The ratios for Filipinos were 1.68, and for Chinese, 1.21. The ratio for Hawaiians was 0.85, indicating a higher rate based on death certificates, possibly because on death records on which Hawaiian was reported in combination with another race, coding procedures always give preference to Hawaiian (35).

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 "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 49 States and the District of Columbia. Data for Oklahoma were excluded, because Oklahoma did not include an item on Hispanic origin on its death certificate. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1995 was 1.7 percent and the percent of live births of unknown origin was 1.5 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin may be slightly underestimated.

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

Table C shows comparisons for infant mortality rates for Hispanic origin where Hispanic origin is based on death certificate identification of the infant or on birth certificate information on the Hispanic origin of the mother (the linked file) for 1996. For total Hispanic origin infants, the ratio was 1.05 indicating that rates are about 5 percent higher using the race of mother from the birth certificate (linked file). For Mexican and Cuban, the rates were about the same (ratios of 1.00 and 1.02, respectively), but rates for Puerto Rican infants were 12 percent higher when Hispanic origin was based on the birth certificate (35).

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

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Quality of data

Completeness of registration

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

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

Amended records for Alaska--Numbers of deaths for selected causes occurring in Alaska for 1995 are in error because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by Alaska as shown in table D. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

Quality control procedures

Demographic items on the death certificate--As previously indicated, for 1995 the mortality data for these items were obtained from two sources--photocopies of the original certificates furnished by Guam and electronic data records furnished by the 50 States, the District of Columbia, New York City, Puerto Rico, and the Virgin Islands. For 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.

For areas sending electronic data records, a sample of 70-80 records per month for each registration area is used to monitor quality of coding. Under this procedure, each sample record is independently coded by NCHS staff and compared to the State code assignments. NCHS/State differences are adjudicated to ascertain the source of the error and need for corrective action. The estimated average outgoing error rate for all demographic items in 1995 was 0.25 percent. The error rate is a combined measure of State coding, key entry and processing errors made in the process of preparing the statistical file. These types of errors are not necessarily randomly distributed in the file and may therefore escape detection through sample verification. To reduce some systematic errors other NCHS procedures such as detailed computer edits, tabular evaluation, and procedure review are used.

Medical items on the death certificate--The same procedures used for demographic data are used for the medical items. For the 41 States sending electronic files, the average outgoing error rate in 1995 was estimated at 2.8 percent for underlying cause data, and 5.5 percent for multiple cause-of-death data.

For the remaining 9 States, the District of Columbia, New York City, Puerto Rico, the Virgin Islands, and Guam, NCHS coded the medical items for all the death records. A 1-percent sample of the records was coded independently for quality control purposes. The estimated average error rate for underlying cause for these areas was 3.6 percent.

Other control procedures--After coding and data entry are completed, record counts are balanced against control totals for each shipment of records from a registration area. Editing procedures ensure that records with inconsistent or impossible codes are modified. Inconsistent codes are those, for example, indicating a contradiction between cause of death and age or sex of the decedent. Records so identified during the computer editing process are either corrected by reference to the source record or adjusted by arbitrary code assignment (36). Further, conditions specified on a list of infrequent or rare causes of death are confirmed by the certifier or a State health officer. All subsequent operations in tabulating and in preparing tables are verified during the computer processing or by statistical clerks.

Estimates of errors arising from 50-percent sample for 1972--Death statistics for 1972 are based on a 50-percent sample of all deaths occurring in the 50 States and the District of Columbia. A description of the sample design and a table of the percent errors of the estimated numbers of deaths by size of estimate and total deaths in the area are shown in the Technical Appendix from *Vital Statistics of the United States, 1972*.

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Computation of rates and other measures

Population bases

Population bases from which death rates are computed are prepared by the U.S. Bureau of the Census. Rates for 1940, 1950, 1960, 1970, 1980, and 1990 are based on the population enumerated as of April 1 in the censuses for those years. Rates for all other years use the estimated midyear (July 1) population. Death rates for the United States, individual States, and metropolitan areas are based on the total resident populations of the respective areas. Except as noted, these populations exclude the Armed Forces abroad but include the Armed Forces stationed in each area.

The resident populations of the birth- and death-registration States for 1900-32, and of the United States for 1900-95 are shown in table E. In addition, the population including Armed Forces abroad is shown for the United States. Table F lists the sources for these populations.

Populations for 1995--Population estimates of the United States by age, race, and sex for 1995 are shown in table G (37). The 1995 estimates are consistent with those for 1990-94. Population estimates for each State by age for 1995 are shown in table H (38). Since these population estimates are based on demographic analysis, they are not subject to sampling variability.

In addition the following estimates are shown:

- ! Estimated population by 5-year age groups, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995 (see table I) (15)
- ! Estimated population for ages 15 years and over by 5-year age groups, marital status, race, and sex: United States, 1995 (see table J) (15)
- ! Estimated population for ages 15 years and over, by 5-year age groups, marital status, Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995 (see table K) (15)

Population estimates by specified Hispanic origin and by marital status groups are based on the Bureau of the Census' Current Population Survey (a sample-based survey) adjusted to control totals. As a result, these estimates are subject to sampling variation (see "Random variation and sampling errors").

Population for 1990--In the 1980 and 1990 censuses, a substantial number of persons did not specify a racial group that could be classified as any of the white, black, American Indian, Eskimo, Aleut, Asian, or Pacific Islander categories on the census form (39). In 1980 the number of persons of "Other" race was 6,758,319; in 1990, it was 9,804,847. In both censuses the large majority of these persons were of Hispanic origin (based on responses to a separate question on the form), and many wrote in their Hispanic origin (for example, Mexican and Puerto Rican) as their race. In 1980 and 1990 persons of unspecified race were allocated to one of the four tabulated racial groups (white, black, American Indian, Asian or Pacific Islander) based on their response to the Hispanic origin question. These four race categories conform with OMB Directive 15 (the standards for recordkeeping, collection, and presentation of data on race and ethnicity in Federal statistical activities and program administrative reporting) (40) and are more consistent with the race categories in vital statistics.

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

In 1990 the race modification procedure was implemented using individual census records. Persons whose race could not be specified were assigned to a racial category using a pool of "race donors" that consisted of persons of

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specified race who had the identical responses to the Hispanic origin question and who were within the auspices of the same census district office. As in the 1980 census, it appeared that the underlying assumption made in the 1990 census was that the Hispanic origin response was the major criterion for allocating race. Unlike those responding to the 1980 census who could be assigned only to the racial group white or black, persons of Hispanic origin, including Mexicans, responding to the 1990 census could be assigned to any racial group. Also, in the 1990 census, the non-Hispanic component of "Other" race was allocated primarily on the basis of geography (district office), rather than detailed characteristic.

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

In 1990 quarter year of birth was not reported on the census form, so direct determination of age from year of birth was not possible. In 1990 census publications, age is based on respondents' direct reports of age at last birthday. This definition proved inadequate for postcensal estimates as it was apparent that many respondents had reported their age at time of either completion of the census form or interview by an enumerator that could occur several months after the April 1 reference date. As a result, age was biased upward. For most respondents, modification was based on a respecification of age, by year of birth, with allocation to first quarter (persons aged 1990 minus year of birth) and last three quarters (aged 1989 minus year of birth) based on a historical series of registered births by month. This process partially restored the 1980 logic for assignment of age. It was not considered necessary to correct for age overstatement and heaping in 1990, because the availability of age and year of birth on the census form had provided for the elimination of spurious year-of-birth reports in the census data before modification occurred.

Population estimates for 1981-89--Death rates for 1981-89 are based on revised populations that are consistent with the 1990 census level (39). They are, therefore, not comparable with death rates published in *Vital Statistics of the United States* for 1981-89, and in other NCHS publications for those years. The 1990 census counted approximately 1.5 million fewer persons than had been estimated earlier for April 1, 1990.

Populations for 1980--Death rates for 1980 are based on the population enumerated as of April 1 in the 1980 census (41). The figures by race have been modified as described.

Population estimates for 1971-79--Death rates for 1971-79 used revised population estimates that are consistent with the 1980 census levels. The 1980 census enumerated approximately 5.5 million more persons than had been estimated for April 1, 1980 (42). 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 for 1961-69 are based on revised estimates of the population and thus may differ slightly from rates published before 1976. Rates, life table values, and population estimates for each year during 1961-69 have been revised to reflect modified population bases as published in the U.S. Bureau of the Census, *Current Population Reports*, Series P-5, Number 519.

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

Rates and ratios based on live births--Infant and maternal mortality rates are computed on the basis of the number of live births. Counts of live births are published annually in *Vital Statistics of the United States*.

Net census undercount

Errors can be introduced into the annual rates as a result of underenumeration of deaths and the misreporting of demographic characteristics. Errors in rates can also result from enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (39). Net census undercount

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results from the miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by the net census undercount and the misreporting of age on the death certificate (43). To the extent that the net undercount is substantial and that it varies among subgroups and geographic areas, it may have important consequences for vital statistics measures.

Because death rates based on a population adjusted for net census undercount may be more accurate than rates based on an unadjusted population, the possible impact of net census undercount on death rates must be considered. This can be done on a national basis using results of studies conducted by the U.S. Bureau of the Census on the completeness of coverage of the U.S. population (including underenumeration and misstatement of age, race, and sex). Such studies were conducted in the last five decennial censuses--1950, 1960, 1970, 1980, and 1990. From this work have come estimates of the national population that were not counted by age, race, and sex (44-47). The reports for 1990 (unpublished data from the U.S. Bureau of the Census) include estimates of net underenumeration and overenumeration for age, sex, and racial subgroups of the national population modified for race consistency with previous population counts as described in the section "Population bases." These studies indicate that, although coverage was improved over previous censuses, there was differential coverage among the population subgroups; that is, some age, race, and sex groups were more completely counted than others.

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

Age, race, and sex--If adjustments were made for net census undercount, the size of denominators of the death rates generally would increase and the rates, therefore, would decrease. The adjusted rates for 1995 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 L). A ratio of less than 1.0 indicates a net census undercount and, when applied, results in a corresponding decrease in the death rate. A ratio greater than 1.0--indicating a net census overcount--when multiplied by the reported rate results in an increase in the death rate.

Coverage ratios for all ages show that, in general, females were more completely enumerated than males and the white population more completely enumerated than the black population in the 1990 Census of Population. Underenumeration varied by age group for the total population, with the greatest differences found for persons aged 85 years and over. All other age groups were overcounted or undercounted by less than 4.0 percent. Among the age-sex-race groups, underenumeration was highest (13.3 percent) for black males aged 25-34 years. In contrast, white females in this age group were underenumerated by 2.5 percent.

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

Similarly, the differences between the death rates among subgroups of the population by cause of death would be affected by adjustments for net census undercounts. For example, in 1990 for the age group 35-39 years, the ratio of the unadjusted death rate for Homicide and legal intervention for black males to that for white males is 7.54, whereas the ratio of the death rates adjusted for net census undercount is 6.92. For Ischemic heart disease for males aged 40-44 years, the ratio of the death rate for the black population to that for the white population is 1.38 using the unadjusted rates, but it is 1.26 when adjusted for estimated underenumeration.

Summary measures--The effect of net census undercount on age-adjusted death rates and life table values depends on the underenumeration of each age group and on the distribution of deaths by age. Thus, the age-adjusted death rate in 1990 for All causes would decrease from 520.2 to 512.7 per 100,000 population if the age-specific death rates were corrected for net census undercount (table M). For Diseases of heart, the age-adjusted death rate for white males would decrease from 202.0 to 198.2 per 100,000 population, a decline of 2.0 percent. For black males, the change from an unadjusted rate of 275.9 to an adjusted rate of 256.7 would amount to a decrease of 7.0 percent. For HIV infection, the rate for black males would decrease from 44.2 to 39.0 and for white males from 15.0 to 14.4.

If death rates by age were adjusted, the corresponding life expectancy at birth computed from these rates would change. When calculating life expectancy, the impact of an undercount or overcount is greatest at the younger

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ages. In general, the effect of correcting the death rates is to increase the estimate of life expectancy at birth. For example, adjustment for net census undercount would increase life expectancy in 1990 by an estimated 0.2 years, from 75.4 years to 75.6 years for the total U.S. population.

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

Age-adjusted death rates

Age-adjusted death rates are used to compare relative mortality risk across groups and over time. However, they should be viewed as constructs or indexes rather than as direct or actual measures of mortality risk. Statistically, they are weighted averages of the age-specific death rates, where the weights represent the fixed population proportions by age (48). Age-adjusted death rates were computed by the direct method, that is, by applying age-specific death rates for a given cause of death to the U.S. standard population (relative age distribution of 1940 enumerated population of the United States totaling 1,000,000 (30)). By using the same standard population, the rates for the total population and for each race-sex group were adjusted separately. It is important not to compare age-adjusted death rates with crude rates. The U.S. standard population and corresponding weights (w_i) are as follows:

Age	Number	Weights (w_i)
All ages.....	1,000,000	1.000000
Under 1 year.....	15,343	0.015343
1-4 years.....	64,718	0.064718
5-14 years.....	170,355	0.170355
15-24 years.....	181,677	0.181677
25-34 years.....	162,066	0.162066
35-44 years.....	139,237	0.139237
45-54 years.....	117,811	0.117811
55-64 years.....	80,294	0.080294
65-74 years.....	48,426	0.048426
75-84 years.....	17,303	0.017303
85 years and over.....	2,770	0.002770

Age-adjusted death rates by marital status are computed using the age groups 25 years and over. Therefore, the United States standard population aged 25 years and over and corresponding weights (w_i) are as follows:

Age	Number	Weights (w_i)
25 years and over.....	567,907	1.000000
25-34 years.....	162,066	0.285374
35-44 years.....	139,237	0.245176
45-54 years.....	117,811	0.207448
55-64 years.....	80,294	0.141386
65-74 years.....	48,426	0.085271
75 years and over.....	20,073	0.035346

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Life tables

U.S. abridged life tables are constructed by reference to a standard table (49). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-95 abridged life tables. Life table

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values for 1981-89 are based on revised intercensal estimates of the populations for those years. Therefore, these life table values may differ from life table values of those years published previously.

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 are based on revised intercensal estimates of the populations for those years. As such, these life table values may differ from life table values previously published.

The annual abridged life table series was initiated for selected race-sex groups in 1945. Because of the increased interest in the average length of life (e_0) for years prior to 1945, estimates were prepared for the following race and sex groups and data years (50).

<i>Years</i>	<i>Race and sex groups</i>
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 1900-02 and 1909-11 were constructed using mortality data from the 1900 death-registration States--10 States and the District of Columbia, and for 1919-21, from the 1920 death-registration States--34 States and the District of Columbia. The tables for 1929-31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959-61 were derived from data that include Alaska and Hawaii for each year. Data for each year 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 and sampling errors

Deaths--The number of deaths reported for an area represent complete counts of such events (except for 1972 when the data were based on a 50-percent sample because of resource constraints). As such, they are not subject to sampling error, although they are subject to non-sampling errors in the registration process. However, when the figures are used for analytical purposes, such as the comparison of rates over time 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 (51). 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. When the number of events is large, the relative standard error 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 data. Such infrequent events may be assumed to follow a Poisson probability distribution. As a result, the numbers of deaths, death rates, and mortality rates are subject to random variation. Estimates of relative standard errors (RSE)--a measure of variability--, 95-percent confidence intervals, and tests of statistical significance under this assumption are shown below. Mortality data may also be subject to non-sampling errors.

Populations--Population estimates of the United States and for each State by age, race, total Hispanic origin, and sex for 1995 are based on demographic methods and, therefore, are not subject to sampling variability. However, population estimates by specified Hispanic origin (Mexicans, Puerto Ricans, Cubans, and Other Hispanics) and by specified marital status groups (never married, married, widowed, and divorced) are based on the Bureau of the Census' Current Population Survey (CPS) adjusted to control totals and, therefore, are subject to sampling variation. As a result, death rates based on the CPS-based population estimates are subject to both

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random variation of the deaths and sampling error of the population estimates. Estimates of relative standard errors, 95-percent confidence intervals, and tests of statistical significance under these assumptions are shown below. All population estimates may also be subject to non-sampling errors.

Computation of population-based death rates--Death rates for a single calendar year are computed by dividing the number of deaths for a class for that year by the population of a similarly-defined class for the same year and multiplying that result by 100,000 (or 1,000). Rates thus computed are per 100,000 (or 1,000) estimated population residing in selected areas of the United States. The 3-year average death rates are computed by dividing the total number of deaths for a class for a three-year period by the sum of the population estimates of a similarly defined class for the same period and multiplying that result by 100,000 (or 1,000).

Computation of live birth-based mortality rates--Maternal mortality rates and infant mortality rates are computed by dividing the number of deaths for a class for a specified year by the number of live births of a similarly defined class for that year and multiplying that result by 100,000 (or 1,000). Rates thus computed are per 100,000 (or 1,000) live births residing in selected areas of the United States. The 3-year average infant mortality rates for the three-year period are computed by dividing the total number of infant deaths for a class for that period by the sum of the live births of a similarly defined class for the three-year period and multiplying that result by 100,000 (or 1,000).

Relative Standard Errors and 95% Confidence Intervals--Formulas for computing approximate RSE's and confidence intervals (CI's) for crude, age-specific death rates, and age-adjusted death rates are shown below.

Beginning with 1989 data, an asterisk has been shown in place of a rate based on fewer than 20 deaths, which is the equivalent of an RSE of 22.94 percent or more. An RSE of this magnitude is considered statistically unreliable. That procedure has been used for mortality data except death rates based on CPS-based population estimates, for which sampling variation must be considered in addition to random variation. Formulas for computing RSE's for CPS population-based rates are presented below and an asterisk is shown in place of a rate when the RSE is 22.94 percent or more. RSE's for CPS population-based rates were introduced beginning with specified Hispanic-origin data for 1994 and subsequently for rates by marital status.

The formulas below are shown separately for rates based on demographically estimated populations, sample-based populations, and rates based on live births. Further, separate discussions are provided for rates based on less than 100 events, and rates based on 100 events or more. Specific examples are given to illustrate the use of the formulas.

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*The following formulas are used for demographically-estimated population-based death rates for all races, white, black, American Indian, Asian or Pacific Islander, all origins, total Hispanic, total non-Hispanic, non-Hispanic white, non-Hispanic black for **all** marital status groups combined:*

Age-specific and crude death rates--

$$RSE(R) = RSE(D) = 100\sqrt{\frac{1}{D}}$$

Approximate 95% Confidence Interval: 100 or more deaths

Lower: $R - 1.96 * S(R)$

Upper: $R + 1.96 * S(R)$

Approximate 95% Confidence Interval: 1-99 deaths

Lower: $R * L(1 - \alpha = .95, D)$

Upper: $R * U(1 - \alpha = .95, D)$

where

R = rate (deaths per 100,000 population)

D = total number of deaths upon which rate is based

$$S(R) = R * \frac{RSE(R)}{100} = \text{standard error of rate}$$

$L(1 - \alpha = .95, D)$ and $U(1 - \alpha = .95, D)$ are lower and upper 95% confidence limit factors and are shown in table N

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Age-adjusted death rates--

$$RSE(R'') = 100 \frac{\sqrt{\sum \left\{ w_i^2 R_i^2 \left(\frac{1}{D_i} \right) \right\}}}{R''}$$

Approximate 95% Confidence Interval: 100 or more deaths

Lower: $R'' - 1.96 * S(R'')$

Upper: $R'' + 1.96 * S(R'')$

Approximate 95% Confidence Interval: 1-99 deaths

Lower: $R'' * L(1 - \alpha = .95, D_{adj})$

Upper: $R'' * U(1 - \alpha = .95, D_{adj})$

where

R'' = age-adjusted rate (per 100,000 population) = $\sum w_i R_i$

w_i = i^{th} age-specific Standard Population such that $\sum (w_i) = 1.0$

R_i = age-specific rate (per 100,000) for the i^{th} age group

D_i = total number of deaths for the i^{th} age group upon which age-specific rate is based

$$S(R'') = R'' * \frac{RSE(R'')}{100} = \text{standard error of age-adjusted rate}$$

$L(1 - \alpha = .95, D_{adj})$ and $U(1 - \alpha = .95, D_{adj})$ are lower and upper 95% confidence limit factors and are shown in table N

$$D_{adj} = \frac{1}{\left(\frac{RSE(R'')}{100} \right)^2} \text{ adjusted number of deaths rounded to nearest integer}$$

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The following formulas are used for CPS population-based death rates for all races, white, black, American Indian, Asian or Pacific Islander, all origins, total Hispanic, total non-Hispanic, non-Hispanic white, non-Hispanic black by **specified** marital status group (never married, married, widowed, and divorced)

OR

for Mexican, Puerto Rican, Cuban, Other Hispanic for **all** marital status groups combined and by **specified** marital status group (never married, married, widowed, and divorced):

Age-specific and crude death rates--

$$RSE(R) = 100 \sqrt{\left(\frac{1}{D}\right) + f\left(a + \frac{b}{P}\right)}$$

Approximate 95% Confidence Interval: 100 or more deaths

Lower: $R - 1.96 * S(R)$

Upper: $R + 1.96 * S(R)$

Approximate 95% Confidence Interval: 1-99 deaths

$$\text{Lower: } R * L(1 - \alpha = .96, D) * \left(1 - 2.576 \sqrt{f\left(a + \frac{b}{P}\right)}\right)$$

$$\text{Upper: } R * U(1 - \alpha = .96, D) * \left(1 + 2.576 \sqrt{f\left(a + \frac{b}{P}\right)}\right)$$

where

R = rate (deaths per 100,000 population).

D = total number of deaths upon which rate is based

f = factor that depends on whether the population estimate is based on demographic analysis or CPS and the number of years used (see below)

a and b factors are CPS standard error parameters (see below)

P = total estimated population upon which rate is based (if rate is based on a 3-year average, then an approximate P would be three times the population for the most recent year)

$$S(R) = R * \frac{RSE(R)}{100} = \text{standard error of rate}$$

$L(1 - \alpha = .96, D)$ and $U(1 - \alpha = .96, D)$ are lower and upper 96% confidence limit factors and are shown in table N

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Age-adjusted death rates--

$$RSE(R'') = 100 \frac{\sqrt{\sum \left(w_i^2 * R_i^2 \left(\frac{1}{D_i} + f \left(a + \frac{b}{P_i} \right) \right) \right)}}{R''}$$

Approximate 95% Confidence Interval: 100 or more deaths

Lower: $R'' - 1.96 * S(R'')$

Upper: $R'' + 1.96 * S(R'')$

Approximate 95% Confidence Interval: 1-99 deaths

Lower: $R'' * L(1 - \alpha = .96, D_{adj}) * (1 - 2.576 * RSE(P_{adj}))$

Upper: $R'' * U(1 - \alpha = .96, D_{adj}) * (1 + 2.576 * RSE(P_{adj}))$

where

R'' = age-adjusted rate (per 100,000 population) = $\sum w_i R_i$

w_i = i^{th} age-specific Standard Population such that $\sum(w_i) = 1.0$

R_i = age-specific rate (per 100,000) for the i^{th} age group

D_i = total number of deaths for the i^{th} age group upon which age-specific rate is based

f = factor that depends on whether the population estimate is based on demographic analysis or CPS and the number of years used (see below)

a and b factors are CPS standard error parameters (see below)

P_i = total estimated population for the i^{th} age group upon which the rate is based (if rate is based on 3-year average, then combined P_i would be three times the population for the most recent year)

$$S(R'') = R'' * \frac{RSE(R'')}{100} = \text{standard error of age-adjusted rate}$$

$L(1 - \alpha = .96, D_{adj})$ and $U(1 - \alpha = .96, D_{adj})$ are lower and upper 96% confidence limit factors and are shown in table N

$P_{adj} = \sum(w_i * P_i)$ = adjusted estimated population rounded to nearest integer

$$RSE(P_{adj}) = \frac{\sqrt{\sum \left(w_i^2 * P_i^2 * f \left(a + \frac{b}{P_i} \right) \right)}}{P_{adj}}$$

$$D_{adj} = \text{smaller of } \sum(D_i) \text{ or } \frac{1}{RSE(R'')^2 - RSE(P_{adj})^2} = \begin{matrix} \text{adjusted number of deaths} \\ \text{rounded to the} \\ \text{nearest integer} \end{matrix}$$

If D_{adj} is negative, set D_{adj} to $\sum(D_i)$

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Shown below are the “*a*”, “*b*”, and “*f*” factors for various race, origin, and marital status classifications, by whether the population-based rate was based on a single year or 3-year average:

<u><i>Race, origin, and marital status</i></u>	<u><i>Rate based on 1 year</i></u>	<u><i>Rate based on 3 years</i></u>
All races, white, American Indian, all origins, total Hispanic, total non-Hispanic, non-Hispanic white; by never married, married, widowed, divorced	<i>f</i> = 0.670 <i>a</i> = -0.000017 <i>b</i> = 4,786	<i>f</i> = 0.440 <i>a</i> = -0.000017 <i>b</i> = 14,358
Black, non-Hispanic black; by never married, married, widowed, divorced	<i>f</i> = 0.670 <i>a</i> = -0.000204 <i>b</i> = 6,865	<i>f</i> = 0.440 <i>a</i> = -0.000204 <i>b</i> = 20,595
Asian or Pacific Islander; by never married, married, widowed, divorced	<i>f</i> = 0.670 <i>a</i> = -0.000719 <i>b</i> = 6,865	<i>f</i> = 0.440 <i>a</i> = -0.000719 <i>b</i> = 20,595
Mexican, Puerto Rican, Cuban, Other Hispanic; all marital status groups combined, never married, married, widowed, divorced	<i>f</i> = 0.670 <i>a</i> = -0.000297 <i>b</i> = 6,865	<i>f</i> = 0.440 <i>a</i> = -0.000297 <i>b</i> = 20,595

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The following formulas may be used for live birth-based mortality rates:

The formulas for the RSE and 95-percent CI's of an infant mortality rate (IMR) are as follows:

$$RSE(IMR) = 100 \sqrt{\frac{1}{D} + \frac{1}{B}}$$

Approximate 95% Confidence Interval: 100 or more infant deaths

Lower: $IMR - 1.96 * S(IMR)$

Upper: $IMR + 1.96 * S(IMR)$

Approximate 95% Confidence Interval: 1-99 infant deaths

Lower: $IMR * L(1 - \alpha = .95, D_{adj})$

Upper: $IMR * U(1 - \alpha = .95, D_{adj})$

where

IMR = infant mortality rate (infant deaths per 100,000 live births)

D = total number of infant deaths upon which rate is based

B = total number of live births upon which IMR is based

$$S(IMR) = IMR * \frac{RSE(IMR)}{100} = \text{standard error of infant mortality rate}$$

$L(1 - \alpha = .95, D_{adj})$ and $U(1 - \alpha = .95, D_{adj})$ are lower and upper 95% confidence limit factors and are shown in table N

$$D_{adj} = \frac{D * B}{D + B} = \begin{array}{l} \text{adjusted number of infant deaths that takes} \\ \text{into account the RSE of the number} \\ \text{of infant deaths and live births} \end{array}$$

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Statistical tests

For testing the equality of two rates, R_1 and R_2 , the z -test may be used (when both rates are based on 100 deaths or more) or the overlap of 95% CI's of the rates may be used (when either or both of the rates are based on less than 100 deaths).

The z -test is determined as follows:

$$z = \frac{R_1 - R_2}{\sqrt{R_1^2 \left(\frac{RSE(R_1)}{100} \right)^2 + R_2^2 \left(\frac{RSE(R_2)}{100} \right)^2}}$$

to define a significance test statistic. If $|z|$ is greater than or equal 1.96, then the difference would be considered statistically significant at the 0.05 level; and if $|z|$ is less than 1.96, the difference is not statistically significant.

As a hypothetical example, if the three-year average death rate for Mexicans, R_1 , is 36.4 (based on $D=120$ deaths and $P=330,000$ population for the three years combined) and the three-year rate for non-Hispanic whites, R_2 , is 13.8 (based on $D=180$ deaths and $P=1,300,000$ population for the three years combined), then using the formulas above the RSE's and z -test are computed as follows:

$$RSE(R_1) = 100 \sqrt{\frac{1}{120} + 0.440 * \left(-0.000297 + \frac{20,595}{330,000} \right)} = 18.88\%$$

$$RSE(R_2) = 100 \sqrt{\frac{1}{180}} = 7.45\%$$

and

$$z = \frac{36.4 - 13.8}{\sqrt{36.4^2 \left(\frac{18.88}{100} \right)^2 + 13.8^2 \left(\frac{7.45}{100} \right)^2}} = 3.25$$

Since $|z|$ is greater than 1.96, the difference between the two rates is statistically significant at the 0.05 level of significance.

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If either of two rates is based on less than 100 deaths, then one may determine if the 95% CI's overlap as an indication of a statistically significant or non-significant difference.

As a hypothetical example, if the three-year average death rate for Cubans, R_3 , is 26.7 (based on $D=40$ deaths and $P=150,000$ population for the three years combined) and the three-year rate for non-Hispanic blacks, R_4 , is 61.5 (based on $D=400$ deaths and $P=650,000$ population for the three years combined), then the 95% CI's are computed using information from the following formulas and table N:

95% CI for R_3

$$\text{Lower:} = 26.7 * 0.70266 \left(1 - 2.576 \sqrt{0.44 * \left(-0.000297 + \frac{20,595}{150,000} \right)} \right) = 6.9$$

$$\text{Upper:} = 26.7 * 1.37991 \left(1 + 2.576 \sqrt{0.44 * \left(-0.000297 + \frac{20,595}{150,000} \right)} \right) = 60.1$$

95% CI for R_4

$$RSE(R_4) = 100 \sqrt{\frac{1}{400}} = 5.00\%$$

$$\text{Lower} = 61.5 - \left(1.96 * 61.5 * \frac{5.00}{100} \right) = 55.5$$

$$\text{Upper} = 61.5 + \left(1.96 * 61.5 * \frac{5.00}{100} \right) = 67.5$$

Since the CI's overlap, the difference between R_3 and R_4 is not statistically significant.

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

Race	Census		NLMS ¹	
	Percent agreement	Ratio census/ death certificate	Percent agreement	Ratio CPS ² / death certificate
White.....	99.8	1.00	99.2	1.00
Black.....	98.2	1.00	98.2	1.00
American Indian.....	79.2	1.12	73.6	1.22
Asian.....	---	...	82.4	1.12
Japanese.....	97.0	1.04	...	...
Chinese	90.3	1.07	...	...
Filipino	72.6	1.28	...	...

--- Data not available.

... Category not applicable.

¹NLMS is defined as National Longitudinal Mortality Study.

²CPS is defined as Current Population Survey.

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

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Table B. Infant mortality rates by race of infant from the death certificate and by race of mother from the birth certificate, and ratio of rates, 1995-96

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

Race	Infant mortality rate		Ratio birth/ death
	Race from death certificate	Race from birth certificate	
All races	7.5	7.4	0.99
White	6.2	6.2	1.00
Black	14.9	14.4	0.97
American Indian	8.3	9.5	1.14
Asian or Pacific Islander	4.1	5.2	1.27
Chinese	2.9	3.5	1.21
Japanese	2.3	4.7	2.04
Hawaiian	7.2	6.1	0.85
Filipino	3.4	5.7	1.68
Other Asian or Pacific Islander	4.8	5.6	1.17

SOURCE: Rosenberg H, Maurer JD, Sorlie PD, Johnson NJ, MacDorman M, Hoyert DL, Spitzer JF, Scott C. Quality of death rates by race and Hispanic origin: a summary. National vital statistics reports (forthcoming).

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Table C. Infant mortality rates by Hispanic origin of infant from the death certificate and by race of mother from the birth certificate, and ratio of rates, 1996

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

Race	Infant mortality rate		Ratio linked file/ birth/death
	Hispanic origin from death certificate ¹	Hispanic origin from birth certificate	
All origins ²	7.3	7.4	1.01
Total Hispanic	5.9	6.2	1.05
Mexican	5.9	5.9	1.00
Puerto Rican	7.8	8.7	1.12
Cuban	5.1	5.2	1.02
Other Hispanic ³	5.3	5.9	1.11
Non-Hispanic total ⁴	7.6	7.7	1.01
Non-Hispanic white	6.1	6.2	1.02
Non-Hispanic black	14.7	14.4	0.98

¹ Data excludes Oklahoma which did not have a question on Hispanic origin on its death certificate.

² Includes Hispanic origin not stated.

³ Includes Central and South American and Other and unknown Hispanic.

⁴ Includes races other than white and black.

SOURCE: Rosenberg H, Maurer JD, Sorlie PD, Johnson NJ, MacDorman M, Hoyert DL, Spitler JF, Scott C. Quality of death rates by race and Hispanic origin: a summary. National vital statistics reports (forthcoming).

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Table D. Numbers of deaths and ratios of deaths for selected causes as tabulated by State of occurrence and NCHS, 1995

[Data by place of occurrence include deaths of nonresidents. Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Causes	Alaska	NCHS	Ratio AK/NCHS
All causes.....	2,546	2,546	1.00
Symptoms, signs, and ill-defined conditions.....780-799	42	43	0.98
Accidents and adverse effects.....E800-E949	368	376	0.98
Motor vehicle accidents.....E810-E825	105	96	1.09
All other accidents and adverse effects....E800-E807,E826-E949	263	280	0.94
Suicide.....E950-E959	118	105	1.12
Homicide and legal intervention.....E960-E978	56	55	1.02
All other external causes.....E980-E999	7	11	0.64

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Table E. Population of birth- and death-registration States, 1900-1932, and United States, 1900-1995

[Population enumerated as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990 and estimated as of July 1 for all other years]

Year	United States ¹		Year	United States ¹		Birth-registration States		Death-registration States	
	Population including Armed Forces abroad	Population residing in area		Population including Armed Forces abroad	Population residing in area	Number of States ²	Population residing in area	Number of States ²	Population residing in area
1995	263,033,968	262,755,270	1947	144,126,000	143,446,000	...	...	...	...
1994	260,650,842	260,340,990	1946	141,389,000	140,054,000	...	...	...	...
1994	258,119,768	257,783,004	1945	139,928,000	132,481,000	...	...	...	...
1992	255,457,501	255,077,536	1944	138,397,000	132,885,000	...	...	...	...
1991	252,688,000	252,177,000	1943	136,739,000	134,245,000	...	...	...	...
1990	249,225,000	248,709,873	1942	134,860,000	133,920,000	...	...	...	...
1989	247,342,000	246,819,000	1941	133,402,000	133,121,000	...	...	...	...
1988	245,021,000	244,499,000	1940	131,820,000	131,669,275	...	...	...	...
1987	242,804,000	242,289,000	1939	131,028,000	130,879,718	...	...	...	...
1986	240,651,000	240,133,000	1938	129,969,000	129,824,939	...	...	...	...
1985	238,466,000	237,924,000	1937	128,961,000	128,824,829	...	...	...	...
1984	236,348,000	235,825,000	1936	128,181,000	128,053,180	...	...	...	...
1983	234,307,000	233,792,000	1935	127,362,000	127,250,232	...	...	...	...
1982	232,188,000	231,664,000	1934	126,485,000	126,373,773	...	...	...	...
1981	229,966,000	229,466,000	1933	125,690,000	125,578,763	...	...	...	...
1980	227,061,000	226,545,805	1932	124,949,000	124,840,471	47	118,903,899	47	118,903,899
1979	225,055,000	224,567,000	1931	124,149,000	124,039,648	46	117,455,229	47	118,148,987
1978	222,585,000	222,095,000	1930	123,188,000	123,076,741	46	116,544,946	47	117,238,278
1977	220,239,000	219,760,000	1929	---	121,769,939	46	115,317,450	46	115,317,450
1976	218,035,000	217,563,000	1928	---	120,501,115	44	113,636,160	44	113,636,160
1975	215,973,000	215,465,000	1927	---	119,038,062	40	104,320,830	42	107,084,532
1974	213,854,000	213,342,000	1926	---	117,399,225	35	90,400,590	41	103,822,683
1973	211,909,000	211,357,000	1925	---	115,831,963	33	88,294,564	40	102,031,555
1972	209,896,000	209,284,000	1924	---	114,113,463	33	87,000,295	39	99,318,098
1971	207,661,000	206,827,000	1923	---	111,949,945	30	81,072,123	38	96,788,197
1970	204,270,000	203,211,926	1922	---	110,054,778	30	79,560,746	37	92,702,901
1969	202,677,000	201,385,000	1921	---	108,541,489	27	70,807,090	34	87,814,447
1968	200,706,000	199,399,000	1920	---	106,466,420	23	63,597,307	34	86,079,263
1967	198,712,000	197,457,000	1919	105,063,000	104,512,110	22	61,212,076	33	83,157,982
1966	196,560,000	195,576,000	1918	104,550,000	103,202,801	20	55,153,782	30	79,008,412
1965	194,303,000	193,526,000	1917	103,414,000	103,265,913	20	55,197,952	27	70,234,775
1964	191,889,000	191,141,000	1916	---	101,965,984	11	32,944,013	26	66,971,177
1963	189,242,000	188,483,000	1915	---	100,549,013	10	31,096,697	24	61,894,847
1962	186,538,000	185,771,000	1914	---	99,117,567	...	...	24	60,963,309
1961	183,691,000	182,992,000	1913	---	97,226,814	...	...	23	58,156,740
1960	179,933,000	179,323,175	1912	---	95,331,300	22	54,847,700
1959	177,264,000	176,513,000	1911	---	93,867,814	22	53,929,644

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Table E. Population of birth- and death-registration States, 1900-1932, and United States, 1900-1995

[Population enumerated as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990 and estimated as of July 1 for all other years]

Year	United States ¹		Year	United States ¹		Birth-registration States		Death-registration States	
	Population including Armed Forces abroad	Population residing in area		Population including Armed Forces abroad	Population residing in area	Number of States ²	Population residing in area	Number of States ²	Population residing in area
1958	174,141,000	172,320,000	1910	---	92,406,536	...	...	20	47,470,437
1957	171,274,000	170,371,000	1909	---	90,491,525	...	...	18	44,223,513
1956	168,221,000	167,306,000	1908	---	88,708,976	...	...	17	38,634,759
1955	165,275,000	164,308,000	1907	---	87,000,271	...	...	15	34,552,837
1954	162,391,000	161,164,000	1906	---	85,436,556	...	...	15	33,782,288
1953	159,565,000	158,242,000	1905	---	83,819,666	...	...	10	21,767,980
1952	156,954,000	155,687,000	1904	---	82,164,974	...	...	10	21,332,076
1951	154,287,000	153,310,000	1903	---	80,632,152	...	...	10	20,943,222
1950	151,132,000	150,697,361	1902	---	79,160,196	...	...	10	20,582,907
1949	149,188,000	148,665,000	1901	---	77,585,128	...	...	10	20,237,453
1948	146,631,000	146,093,000	1900	---	76,094,134	...	...	10	19,965,446

--- Data not available.

... Category not applicable.

¹ Alaska included beginning 1959 and Hawaii, 1960.

² The District of Columbia is not included in "Number of States," but it is represented in all data shown for each year.

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

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Table F. Source for resident population and population including Armed Forces abroad:
 Birth- and death-registration States, 1900-32, and United States, 1900-95

Year	Source
1995	U.S. Bureau of the Census, Electronic Data File, RESD0795, and unpublished data.
1994	U.S. Bureau of the Census, Electronic Data File, RESD0794, and unpublished data.
1993	U.S. Bureau of the Census, Electronic Data File, RESP0793, and unpublished data.
1992	U.S. Bureau of the Census, Electronic Data File, RESP0792, and unpublished data.
1991	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1095, 1993.
1990	U.S. Bureau of the Census, Unpublished data from the 1990 census, 1990 CPH-L-74 and unpublished data consistent with <i>Current Population Reports</i> , Series P-25, No. 1095.
1981-89	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 1095, 1993.
1980	U.S. Bureau of the Census, <i>U.S. Census of Population: 1980, Number of Inhabitants</i> , PC-80-1A1, United States Summary, 1983.
1971-79	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 917, July 1982.
1970	U.S. Bureau of the Census, <i>U.S. Census of Population: 1970, Number of Inhabitants</i> , Final Report PC(1)-A1, United States Summary, 1971.
1961-69	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 519, April 1974.
1960	U.S. Bureau of the Census, <i>U.S. Census of Population: 1960, Number of Inhabitants</i> , PC(1)-A1, United States Summary, 1964.
1951-59	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 310, June 30, 1965.
1940-50	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973.
1930-39	U.S. Bureau of the Census, <i>Current Population Reports</i> , Series P-25, No. 499, May 1973, and National Office of Vital Statistics, <i>Vital Statistics Rates in the United States</i> , 1900-1940, 1947.
1920-29	National Office of Vital Statistics, <i>Vital Statistics Rates in the United States</i> , 1900-1940, 1947.
1917-19	Same as for 1930-39.
1900-16	Same as for 1920-29.

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Table G. Estimated population of the United States, by 5-year age groups, race, and sex: July 1, 1995

[Figures include Armed forces stationed in the United States and exclude those stationed outside the United States]

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
All ages	262,755,270	128,313,798	134,441,472	218,085,421	106,993,635	111,091,786	44,669,849	21,320,163	23,349,686	33,141,148	15,721,074	17,420,074
Under 1 year	3,848,106	1,969,872	1,878,234	3,014,707	1,547,420	1,467,287	833,399	422,452	410,947	621,144	314,438	306,706
1-4 years	15,743,042	8,055,333	7,687,709	12,436,458	6,376,721	6,059,737	3,306,584	1,678,612	1,627,972	2,478,716	1,255,910	1,222,806
5-9 years	19,219,956	9,843,300	9,376,656	15,236,617	7,818,268	7,418,349	3,983,339	2,025,032	1,958,307	3,025,305	1,534,797	1,490,508
10-14 years	18,914,532	9,685,241	9,229,291	15,039,772	7,720,711	7,319,061	3,874,760	1,964,530	1,910,230	2,876,972	1,459,558	1,417,414
15-19 years	18,064,517	9,265,025	8,799,492	14,362,303	7,390,200	6,972,103	3,702,214	1,874,825	1,827,389	2,821,796	1,430,218	1,391,578
20-24 years	17,882,118	9,087,045	8,795,073	14,317,137	7,323,846	6,993,291	3,564,981	1,763,199	1,801,782	2,637,568	1,299,324	1,338,244
25-29 years	19,005,343	9,529,765	9,475,578	15,402,702	7,795,910	7,606,792	3,602,641	1,733,855	1,868,786	2,594,461	1,239,775	1,354,686
30-34 years	21,867,796	10,902,150	10,965,646	17,984,412	9,062,225	8,922,187	3,883,384	1,839,925	2,043,459	2,825,366	1,325,134	1,500,232
35-39 years	22,248,914	11,071,207	11,177,707	18,458,496	9,282,016	9,176,480	3,790,418	1,789,191	2,001,227	2,787,896	1,307,303	1,480,593
40-44 years	20,218,805	9,990,476	10,228,329	16,929,523	8,460,555	8,468,968	3,289,282	1,529,921	1,759,361	2,390,339	1,108,770	1,281,569
45-49 years	17,448,898	8,559,836	8,889,062	14,858,289	7,370,499	7,487,790	2,590,609	1,189,337	1,401,272	1,854,835	846,389	1,008,446
50-54 years	13,629,862	6,621,815	7,008,047	11,725,262	5,754,226	5,971,036	1,904,600	867,589	1,037,011	1,380,983	619,729	761,254
55-59 years	11,084,606	5,317,251	5,767,355	9,540,786	4,625,549	4,915,237	1,543,820	691,702	852,118	1,137,905	499,639	638,266
60-64 years	10,046,478	4,726,807	5,319,671	8,723,606	4,152,335	4,571,271	1,322,872	574,472	748,400	988,458	425,295	563,163
65-69 years	9,927,958	4,505,822	5,422,136	8,725,874	3,993,037	4,732,837	1,202,084	512,785	689,299	920,412	393,354	527,058
70-74 years	8,831,205	3,836,272	4,994,933	7,918,213	3,461,716	4,456,497	912,992	374,556	538,436	696,791	280,476	416,315
75-79 years	6,681,247	2,720,385	3,960,862	6,038,810	2,470,292	3,568,518	642,437	250,093	392,344	509,967	194,449	315,518
80-84 years	4,463,733	1,609,321	2,854,412	4,069,152	1,469,402	2,599,750	394,581	139,919	254,662	318,168	107,311	210,857
85 years and over	3,628,154	1,016,875	2,611,279	3,303,302	918,707	2,384,595	324,852	98,168	226,684	274,066	79,205	194,861

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

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table H. Estimated population, by age, for the United States, each division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1995

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States]

Division and State	Total	Under 5 years	15-19 years	20-44 years	45-64 years	65 years and over
United States	262,755,270	19,591,148	56,199,005	101,222,976	52,209,844	33,532,297
Geographic divisions:						
New England	13,312,412	895,898	2,627,215	5,258,704	2,667,863	1,862,732
Middle Atlantic	38,153,221	2,721,237	7,634,671	14,472,477	7,894,731	5,430,105
East North Central . . .	43,456,141	3,128,414	9,409,884	16,616,553	8,729,381	5,571,909
West North Central . .	18,347,676	1,264,639	4,112,086	6,831,914	3,617,041	2,521,996
South Atlantic	46,995,266	3,325,490	9,509,928	18,160,132	9,555,646	6,444,070
East South Central . . .	16,066,495	1,135,805	3,461,262	6,101,786	3,339,026	2,028,616
West South Central . .	28,827,781	2,320,898	6,706,183	11,030,113	5,560,170	3,210,417
Mountain	15,645,168	1,244,762	3,684,177	5,897,743	3,051,888	1,766,598
Pacific	41,951,110	3,554,005	9,053,599	16,853,554	7,794,098	4,695,854
New England:						
Maine	1,241,382	74,513	262,980	472,162	259,582	172,145
New Hampshire	1,148,253	76,269	245,451	467,324	222,709	136,500
Vermont	584,771	37,092	124,782	231,079	121,369	70,449
Massachusetts	6,073,550	412,862	1,156,540	2,444,165	1,199,376	860,607
Rhode Island	989,794	67,570	193,057	385,682	187,680	155,805
Connecticut	3,274,662	227,592	644,405	1,258,292	677,147	467,226
Middle Atlantic:						
New York	18,136,081	1,359,704	3,631,631	6,990,701	3,730,227	2,423,818
New Jersey	7,945,298	577,194	1,577,326	3,037,472	1,663,133	1,090,173
Pennsylvania	12,071,842	784,339	2,425,714	4,444,304	2,501,371	1,916,114

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Table H. Estimated population, by age, for the United States, each division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1995

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States]

Division and State	Total	Under 5 years	15-19 years	20-44 years	45-64 years	65 years and over
East North Central:						
Ohio	11,150,506	772,833	2,391,427	4,215,895	2,279,935	1,490,416
Indiana	5,803,471	407,943	1,245,848	2,230,373	1,186,217	733,090
Illinois	11,829,940	920,982	2,521,591	4,564,415	2,338,816	1,484,136
Michigan	9,549,353	682,697	2,099,165	3,672,566	1,913,132	1,181,793
Wisconsin	5,122,871	343,959	1,151,853	1,933,304	1,011,281	682,474
West North Central:						
Minnesota	4,609,548	320,664	1,048,040	1,778,168	889,575	573,101
Iowa	2,841,764	183,794	622,313	1,023,882	579,737	432,038
Missouri	5,323,523	369,321	1,156,726	1,979,691	1,077,359	740,426
North Dakota	641,367	41,830	148,246	236,343	122,192	92,756
South Dakota	729,034	52,310	176,704	258,281	136,919	104,820
Nebraska	1,637,112	114,141	376,888	599,452	318,954	227,677
Kansas	2,565,328	182,579	583,169	956,097	492,305	351,178
South Atlantic:						
Delaware	717,197	51,616	145,089	287,082	142,759	90,651
Maryland	5,042,438	368,055	1,023,354	2,051,902	1,027,382	571,745
District of Columbia	554,256	39,909	85,456	241,384	110,267	77,240
Virginia	6,618,358	463,688	1,324,642	2,733,999	1,358,594	737,435
West Virginia	1,828,140	106,460	371,332	656,509	414,624	279,215
North Carolina	7,195,138	513,888	1,476,269	2,824,410	1,481,113	899,458
South Carolina	3,673,287	262,833	787,894	1,430,888	751,769	439,903
Georgia	7,200,882	551,180	1,572,524	2,944,887	1,414,385	717,906
Florida	14,165,570	967,861	2,723,368	4,989,071	2,854,753	2,630,517

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Table H. Estimated population, by age, for the United States, each division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1995

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States]

Division and State	Total	Under 5 years	15-19 years	20-44 years	45-64 years	65 years and over
East South Central:						
Kentucky	3,860,219	261,108	827,133	1,473,939	811,474	486,565
Tennessee	5,256,051	365,477	1,088,517	2,022,370	1,121,476	658,211
Alabama	4,252,982	300,663	904,543	1,609,445	885,871	552,460
Mississippi	2,697,243	208,557	641,069	996,032	520,205	331,380
West South Central:						
Arkansas	2,483,769	172,617	550,258	883,203	518,417	359,274
Louisiana	4,342,334	336,295	1,040,537	1,624,199	846,822	494,481
Oklahoma	3,277,687	230,362	743,577	1,184,260	677,267	442,221
Texas	18,723,991	1,581,624	4,371,811	7,338,451	3,517,664	1,914,441
Mountain:						
Montana	870,281	56,982	205,670	305,673	188,295	113,661
Idaho	1,163,261	89,426	298,399	415,220	227,661	132,555
Wyoming	480,184	32,257	119,801	175,179	99,674	53,273
Colorado	3,746,585	268,950	814,019	1,501,226	786,087	376,303
New Mexico	1,685,401	138,303	412,650	620,969	330,092	183,387
Arizona	4,217,940	355,808	949,809	1,561,024	790,771	560,528
Utah	1,951,408	183,818	568,951	721,790	304,842	172,007
Nevada	1,530,108	119,218	314,878	596,662	324,466	174,884
Pacific:						
Washington	5,430,940	385,897	1,178,182	2,145,740	1,093,387	627,734
Oregon	3,140,585	209,591	672,424	1,168,806	663,899	425,865
California	31,589,153	2,809,826	6,801,330	12,830,615	5,684,563	3,462,819
Alaska	603,617	52,882	155,312	249,856	115,784	29,783
Hawaii	1,186,815	95,809	246,351	458,537	236,465	149,653

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table H. Estimated population, by age, for the United States, each division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1995

[Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States]

Division and State	Total	Under 5 years	15-19 years	20-44 years	45-64 years	65 years and over
Puerto Rico	3,731,006	319,833	967,608	1,367,887	699,770	375,908
Virgin Islands	111,950	11,746	30,308	36,893	24,731	8,272
Guam	143,855	20,016	38,101	56,922	21,526	7,290

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

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table I. Estimated population by 5-year age groups, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, July 1, 1995

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Sex and age	All origins	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic ¹	Total ²	White	Black
Both sexes									
All ages	259,504,615	26,903,271	17,355,772	2,769,337	1,131,663	5,646,499	232,601,344	190,850,619	31,362,664
Under 1 year	3,809,275	655,554	470,799	64,678	8,367	111,710	3,153,721	2,384,798	578,805
1-4 years	15,580,062	2,543,683	1,831,485	212,544	52,849	446,805	13,036,379	9,978,680	2,320,160
5-9 years	19,012,420	2,651,648	1,827,552	275,458	67,706	480,932	16,360,772	12,660,787	2,847,501
10-14 years	18,630,833	2,417,045	1,640,556	285,618	54,814	436,057	16,213,788	12,623,204	2,710,259
15-19 years	17,819,048	2,270,583	1,461,401	270,401	59,450	479,331	15,548,465	12,107,989	2,664,902
20-24 years	17,672,363	2,328,759	1,581,229	200,083	67,422	480,025	15,343,604	12,039,504	2,485,920
25-29 years	18,817,030	2,494,511	1,700,668	212,113	77,023	504,707	16,322,519	12,972,578	2,442,477
30-34 years	21,650,105	2,524,224	1,611,589	227,880	89,061	595,694	19,125,881	15,498,672	2,667,118
35-39 years	21,991,526	2,150,017	1,310,414	233,753	99,407	506,443	19,841,509	16,292,926	2,635,411
40-44 years	19,954,489	1,716,147	1,015,553	190,484	78,309	431,801	18,238,342	15,157,873	2,257,012
45-49 years	17,220,601	1,307,489	751,352	158,791	81,819	315,527	15,913,112	13,475,210	1,765,840
50-54 years	13,430,283	958,448	556,698	129,488	49,707	222,555	12,471,835	10,678,551	1,318,856
55-59 years	10,925,387	758,260	432,167	98,311	60,555	167,227	10,167,127	8,705,433	1,088,923
60-64 years	9,899,196	632,954	358,687	76,178	65,229	132,860	9,266,242	8,008,598	950,312
65-69 years	9,812,348	540,568	304,944	45,729	63,881	126,014	9,271,780	8,127,172	884,416
70-74 years	8,702,959	403,168	219,217	40,286	56,636	87,029	8,299,791	7,420,570	676,445
75-79 years	6,583,805	254,182	120,665	18,276	51,868	63,373	6,329,623	5,714,811	493,861
80-84 years	4,408,015	167,139	96,302	15,701	19,958	35,178	4,240,876	3,861,759	307,575
85 years and over	3,584,870	128,892	64,494	13,565	27,602	23,231	3,455,978	3,141,504	266,871
Male									
All ages	126,752,625	13,628,500	8,974,090	1,303,169	568,949	2,782,292	113,124,125	93,270,479	14,828,366
Under 1 year	1,950,448	336,434	248,742	30,711	5,199	51,782	1,614,014	1,227,497	290,941
1-4 years	7,974,893	1,302,113	927,676	99,554	32,451	242,432	6,672,780	5,121,759	1,175,545
5-9 years	9,735,795	1,356,198	914,348	144,442	39,111	258,297	8,379,597	6,497,997	1,445,807
10-14 years	9,536,570	1,233,877	808,092	161,091	27,560	237,134	8,302,693	6,486,892	1,372,005
15-19 years	9,143,122	1,162,112	774,039	129,647	26,834	231,592	7,981,010	6,234,908	1,352,603

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table I. Estimated population by 5-year age groups, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, July 1, 1995

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Sex and age	All origins	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic ¹	Total ²	White	Black
20-24 years	8,979,149	1,227,296	857,708	88,891	36,259	244,438	7,751,853	6,125,276	1,220,795
25-29 years	9,446,366	1,340,052	940,380	91,997	44,081	263,594	8,106,314	6,503,109	1,160,579
30-34 years	10,791,780	1,328,484	879,990	102,131	45,048	301,315	9,463,296	7,754,055	1,244,394
35-39 years	10,951,099	1,107,376	695,076	114,486	54,313	243,501	9,843,723	8,179,225	1,229,869
40-44 years	9,851,416	860,573	534,558	84,524	37,865	203,626	8,990,843	7,567,522	1,041,341
45-49 years	8,472,709	642,933	395,439	66,350	35,143	146,001	7,829,776	6,714,254	799,865
50-54 years	6,510,211	460,474	268,781	64,902	26,641	100,150	6,049,737	5,241,592	589,922
55-59 years	5,243,725	356,245	207,394	37,720	34,963	76,168	4,887,480	4,231,003	478,799
60-64 years	4,656,801	292,546	174,331	33,902	27,778	56,535	4,364,255	3,819,584	408,331
65-69 years	4,453,305	240,855	139,365	19,085	31,018	51,387	4,212,450	3,722,238	377,203
70-74 years	3,780,240	176,596	98,650	18,121	27,892	31,933	3,603,644	3,242,236	272,714
75-79 years	2,680,830	102,125	51,452	6,232	21,487	22,954	2,578,705	2,337,566	188,359
80-84 years	1,584,091	59,655	37,819	3,391	5,150	13,295	1,524,436	1,391,899	101,425
85 years and over	1,010,075	42,556	20,250	5,992	10,156	6,158	967,519	871,867	77,869
Female									
All ages	132,751,990	13,274,771	8,381,682	1,466,168	562,714	2,864,207	119,477,219	97,580,140	16,534,298
Under 1 year	1,858,827	319,120	222,057	33,967	3,168	59,928	1,539,707	1,157,301	287,864
1-4 years	7,605,169	1,241,570	903,809	112,990	20,398	204,373	6,363,599	4,856,921	1,144,615
5-9 years	9,276,625	1,295,450	913,204	131,016	28,595	222,635	7,981,175	6,162,790	1,401,694
10-14 years	9,094,263	1,183,168	832,464	124,527	27,254	198,923	7,911,095	6,136,312	1,338,254
15-19 years	8,675,926	1,108,471	687,362	140,754	32,616	247,739	7,567,455	5,873,081	1,312,299
20-24 years	8,693,214	1,101,463	723,521	111,192	31,163	235,587	7,591,751	5,914,228	1,265,125
25-29 years	9,370,664	1,154,459	760,288	120,116	32,942	241,113	8,216,205	6,469,469	1,281,898
30-34 years	10,858,325	1,195,740	731,599	125,749	44,013	294,379	9,662,585	7,744,617	1,422,724
35-39 years	11,040,427	1,042,641	615,338	119,267	45,094	262,942	9,997,786	8,113,701	1,405,542
40-44 years	10,103,073	855,574	480,995	105,960	40,444	228,175	9,247,499	7,590,351	1,215,671

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table I. Estimated population by 5-year age groups, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, July 1, 1995

[Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Sex and age	All origins	Hispanic					Non-Hispanic		
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic ¹	Total ²	White	Black
45-49 years	8,747,892	664,556	355,913	92,441	46,676	169,526	8,083,336	6,760,956	965,975
50-54 years	6,920,072	497,974	287,917	64,586	23,066	122,405	6,422,098	5,436,959	728,934
55-59 years	5,681,662	402,015	224,773	60,591	25,592	91,059	5,279,647	4,474,430	610,124
60-64 years	5,242,395	340,408	184,356	42,276	37,451	76,325	4,901,987	4,189,014	541,981
65-69 years	5,359,043	299,713	165,579	26,644	32,863	74,627	5,059,330	4,404,934	507,213
70-74 years	4,922,719	226,572	120,567	22,165	28,744	55,096	4,696,147	4,178,334	403,731
75-79 years	3,902,975	152,057	69,213	12,044	30,381	40,419	3,750,918	3,377,245	305,502
80-84 years	2,823,924	107,484	58,483	12,310	14,808	21,883	2,716,440	2,469,860	206,150
85 years and over	2,574,795	86,336	44,244	7,573	17,446	17,073	2,488,459	2,269,637	189,002

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

² Includes races other than white and black.

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table J. Estimated population for ages 15 years and over, by 5-year age groups, marital status, race, and sex:
United States, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Race, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
White, male									
Never married	23,750,005	4,474,440	2,809,114	5,787,809	3,792,697	2,346,118	1,692,627	1,057,271	627,638
Married	51,250,071	17,889	75,290	1,445,577	3,661,405	5,893,078	6,543,111	6,326,628	5,730,011
Widowed	2,104,997	1,189	315	-	5,229	15,259	24,800	36,068	50,687
Divorced	6,425,431	9,449	2,509	90,457	336,578	807,768	1,021,478	1,040,588	962,156
White, female									
Never married	18,192,353	4,173,426	2,483,742	4,458,856	2,373,723	1,426,763	901,826	616,717	417,743
Married	51,742,023	52,788	246,917	2,306,878	4,675,165	6,540,284	6,942,335	6,442,465	5,700,667
Widowed	10,320,547	588	339	10,808	16,713	40,393	90,459	114,322	209,813
Divorced	8,572,453	5,886	8,425	216,745	541,191	914,759	1,241,857	1,295,463	1,159,578
Black, male									
Never married	5,217,613	869,069	547,531	1,165,762	810,062	620,472	477,994	286,672	154,253
Married	4,701,195	6,327	1,253	122,128	386,772	615,821	698,148	620,641	560,293
Widowed	319,907	420	-	-	-	1,671	4,512	10,195	8,819
Divorced	917,652	5,620	-	11,437	42,935	87,161	126,653	191,268	123,026
Black, female									
Never married	5,138,791	840,458	528,317	1,129,588	805,603	620,945	460,771	267,489	183,942
Married	4,893,415	5,999	14,155	188,803	460,700	698,877	732,533	697,581	572,248
Widowed	1,424,088	1,265	-	1,462	2,439	16,808	23,599	37,657	47,931
Divorced	1,526,366	-	1,389	18,400	85,952	163,599	263,691	278,838	204,324

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table J. Estimated population for ages 15 years and over, by 5-year age groups, marital status, race, and sex:
United States, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Race, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
American Indian, male									
Never married	286,152	64,551	34,302	67,805	50,189	30,361	17,887	11,178	2,303
Married	376,812	-	2,311	26,325	35,866	47,744	50,088	47,904	49,245
Widowed	23,787	-	-	-	-	1,399	559	-	2,855
Divorced	83,983	-	-	470	7,022	13,541	18,767	16,288	6,367
American Indian, female									
Never married	255,491	60,821	32,249	58,903	51,487	15,086	9,519	9,396	2,218
Married	371,103	1,275	2,517	28,290	29,671	57,865	66,221	50,887	41,817
Widowed	78,422	1,170	1,494	-	-	3,170	504	2,365	5,068
Divorced	97,808	-	-	3,121	5,986	16,756	13,529	17,535	15,035
Asian or Pacific Islander, male									
Never married	1,271,962	212,391	128,562	339,586	261,374	149,950	81,197	49,431	19,571
Married	1,882,658	1,578	910	29,691	129,989	261,779	291,809	270,396	245,044
Widowed	38,375	-	-	-	2,981	-	-	-	791
Divorced	109,445	-	-	-	6,666	10,018	21,586	25,956	16,772
Asian or Pacific Islander, female									
Never married	988,646	204,348	122,714	276,193	200,872	70,303	47,973	23,894	11,872
Married	2,231,482	1,695	5,462	92,109	219,864	354,566	361,861	341,791	267,472
Widowed	257,286	1,686	-	2,175	-	5,650	5,244	2,915	14,143
Divorced	179,343	-	384	2,752	6,216	19,832	15,786	29,008	35,191

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Table J. Estimated population for ages 15 years and over, by 5-year age groups, marital status, race, and sex: United States, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Race, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
White, male								
Never married	303,354	216,138	165,215	170,503	138,637	70,242	53,787	44,415
Married	4,725,765	3,829,836	3,482,112	3,280,266	2,793,139	1,932,538	1,047,438	465,988
Widowed	66,695	84,525	141,186	267,914	338,555	363,694	328,760	380,121
Divorced	658,417	495,051	363,831	274,354	191,383	103,814	39,412	28,186
White, female								
Never married	270,307	202,164	157,323	168,623	164,555	152,077	94,783	129,725
Married	4,522,863	3,581,871	3,199,446	2,874,328	2,332,948	1,402,859	635,805	284,404
Widowed	281,180	416,694	662,822	1,286,623	1,664,854	1,844,560	1,767,488	1,912,891
Divorced	896,684	714,500	551,687	403,262	294,140	169,022	101,682	57,572
Black, male								
Never married	106,276	58,275	47,769	20,723	17,486	20,436	5,786	9,047
Married	388,332	358,855	280,399	254,459	190,307	112,829	60,007	44,624
Widowed	12,310	14,624	39,342	76,454	44,445	48,051	33,766	25,298
Divorced	112,813	67,882	57,782	41,722	28,235	13,130	7,752	236
Black, female								
Never married	77,869	64,840	54,710	38,477	31,162	11,400	10,456	12,764
Married	413,236	353,999	274,069	213,925	148,331	74,521	31,111	13,327
Widowed	92,370	123,976	158,261	193,880	196,599	208,224	157,003	162,614
Divorced	177,782	95,449	76,124	80,777	40,219	21,376	12,290	6,156

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table J. Estimated population for ages 15 years and over, by 5-year age groups, marital status, race, and sex: United States, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Race, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
American Indian, male								
Never married	1,720	3,289	1,712	-	855	-	-	-
Married	37,235	24,960	19,752	15,595	10,821	3,417	2,203	3,346
Widowed	977	1,006	646	1,582	2,378	6,793	4,133	1,459
Divorced	4,974	4,922	4,977	4,132	2,523	-	-	-
American Indian, female								
Never married	5,068	3,147	784	1,814	837	4,162	-	-
Married	29,950	23,681	15,634	10,843	7,516	2,499	2,437	-
Widowed	9,711	5,138	7,907	10,522	7,228	6,377	7,590	10,178
Divorced	3,811	6,074	6,621	2,297	5,242	1,741	60	-
Asian or Pacific Islander, male								
Never married	6,939	5,546	4,065	1,788	6,772	2,580	-	2,210
Married	182,835	141,898	112,177	85,898	60,604	34,521	23,859	9,670
Widowed	1,250	1,863	2,121	8,333	8,020	8,334	2,407	2,275
Divorced	11,935	8,571	3,727	2,105	2,109	-	-	-
Asian or Pacific Islander, female								
Never married	10,239	3,507	2,130	6,213	2,713	1,759	3,916	-
Married	177,853	136,391	98,592	84,827	50,379	25,076	10,587	2,957
Widowed	17,575	16,157	36,410	39,890	44,085	33,461	19,212	18,683
Divorced	21,544	19,759	17,158	5,836	4,122	1,755	-	-

- Quantity zero.

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-year age groups, marital status, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Mexican, male									
Never married	2,322,825	457,701	295,170	603,495	446,087	233,563	153,949	64,788	30,410
Married	3,297,451	4,766	14,340	250,615	459,330	572,445	480,813	417,848	313,727
Widowed	97,547	-	-	-	-	3,866	3,890	1,393	4,244
Divorced	357,424	2,058	-	3,599	34,963	70,119	56,433	50,526	47,059
Mexican, female									
Never married	1,527,024	397,750	222,502	338,783	213,449	135,568	79,024	43,925	26,901
Married	3,270,290	16,313	49,763	365,743	511,615	539,485	453,673	364,736	271,323
Widowed	316,760	-	1,030	703	3,663	4,430	8,781	10,153	15,657
Divorced	396,077	-	-	18,291	31,561	52,118	73,856	62,180	42,029
Puerto Rican, male									
Never married	352,630	81,264	46,075	72,249	47,956	35,726	29,008	14,880	9,564
Married	428,958	-	2,309	14,628	41,501	60,257	72,807	54,520	47,801
Widowed	17,600	-	-	-	-	-	-	-	-
Divorced	68,187	-	-	2,016	2,540	6,150	12,670	15,123	8,986
Puerto Rican, female									
Never married	381,157	88,517	44,689	75,968	45,798	34,808	26,400	21,252	15,225
Married	504,684	2,096	5,446	30,619	69,279	75,260	71,154	64,426	64,314
Widowed	73,505	-	-	1,126	-	829	2,050	3,108	3,193
Divorced	104,311	-	-	3,478	5,042	14,851	19,669	17,177	9,706

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Table K. Estimated population for ages 15 years and over, by 5-year age groups, marital status, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Cuban, male									
Never married	127,649	18,460	8,374	29,216	20,293	8,986	17,857	5,421	5,160
Married	275,402	-	-	7,043	19,810	32,399	28,346	26,224	24,246
Widowed	15,165	-	-	-	-	-	-	-	385
Divorced	46,410	-	-	-	3,977	3,663	8,108	6,218	5,352
Cuban, female									
Never married	85,168	20,684	11,199	15,642	5,958	6,385	2,857	1,122	3,595
Married	266,532	-	417	12,810	21,520	33,535	34,489	29,803	34,845
Widowed	66,612	-	317	-	-	-	-	3,275	2,459
Divorced	64,993	-	-	2,712	5,469	4,095	7,749	6,245	5,777
Other Hispanic, male									
Never married	811,525	137,554	90,555	195,234	151,429	109,091	58,023	27,421	14,241
Married	1,052,273	786	2,493	46,322	104,886	177,503	170,945	151,462	118,370
Widowed	20,520	-	-	-	-	-	699	-	474
Divorced	108,327	204	-	2,880	7,283	14,720	13,827	24,744	12,916
Other Hispanic, female									
Never married	652,747	138,608	96,065	150,142	87,517	55,678	33,588	28,225	14,084
Married	1,152,917	2,453	9,687	79,230	138,913	212,729	178,841	160,235	114,654
Widowed	155,806	-	-	162	403	1,748	5,534	2,190	8,844
Divorced	216,890	647	283	6,056	14,284	24,226	44,980	37,525	31,949

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-year age groups, marital status, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
White non-Hispanic, male									
Never married	20,245,460	3,791,468	2,364,743	4,921,513	3,171,758	1,966,046	1,449,787	945,579	569,893
Married	45,917,584	12,372	55,016	1,120,573	3,041,677	5,060,787	5,775,486	5,645,516	5,214,272
Widowed	1,937,395	1,204	322	-	5,327	9,645	17,761	34,476	43,993
Divorced	5,835,874	7,229	2,562	83,194	284,340	717,579	936,187	941,947	886,100
White non-Hispanic, female									
Never married	15,651,617	3,536,170	2,107,657	3,914,191	2,042,535	1,212,558	768,114	528,100	360,996
Married	46,281,708	32,608	182,978	1,807,332	3,931,751	5,682,767	6,190,751	5,804,934	5,160,216
Widowed	9,611,884	591	-	7,941	12,785	33,430	71,147	93,739	175,274
Divorced	7,721,626	5,300	7,777	184,765	482,408	815,861	1,083,684	1,163,574	1,064,472
Black non-Hispanic, male									
Never married	4,907,358	817,919	521,577	1,101,958	755,604	582,615	445,606	261,366	146,790
Married	4,455,660	6,205	974	107,570	363,817	577,442	660,156	588,671	529,153
Widowed	311,121	412	-	-	-	1,592	4,363	9,892	8,517
Divorced	869,940	5,513	-	11,270	41,157	82,747	119,748	181,415	115,406
Black non-Hispanic, female									
Never married	4,873,265	791,914	500,438	1,066,678	763,932	590,471	442,735	250,464	178,356
Married	4,664,116	5,845	11,518	179,998	433,189	662,237	693,235	660,860	548,337
Widowed	1,369,955	1,233	-	1,425	1,965	14,395	22,691	35,111	46,526
Divorced	1,454,540	-	1,355	17,029	82,817	155,622	246,875	269,234	192,752

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-year age groups, marital status, specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	15 years and over	15-17 years	18-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
Other non-Hispanic, male									
Never married	1,396,459	244,585	142,916	358,637	278,624	168,659	90,900	55,942	21,431
Married	2,060,114	1,542	4,455	46,344	149,892	276,226	310,852	289,723	271,561
Widowed	54,000	-	-	-	2,692	1,125	506	-	2,390
Divorced	164,061	-	-	802	11,413	18,839	32,374	36,315	20,277
Other non-Hispanic, female									
Never married	1,110,439	232,766	138,648	297,934	228,728	74,581	53,086	33,765	10,519
Married	2,386,733	2,501	5,746	109,426	228,818	377,255	393,806	358,167	284,324
Widowed	299,185	2,417	-	2,012	-	7,829	5,369	5,296	15,319
Divorced	256,594	-	-	3,027	7,286	35,580	26,281	44,247	46,243

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-Year age groups, marital status, race, and specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-80 years	80-84 years	85 years and over
Mexican, male								
Never married	13,033	10,797	6,540	443	2,667	1,374	1,492	1,316
Married	215,691	169,838	152,478	112,339	72,136	27,478	23,277	10,330
Widowed	7,435	4,208	5,330	13,565	19,613	15,628	10,942	7,433
Divorced	32,620	22,558	9,984	13,017	4,240	6,971	2,108	1,169
Mexican, female								
Never married	19,117	14,829	10,923	8,662	8,148	3,183	1,055	3,205
Married	216,305	166,481	117,679	106,910	47,547	18,006	17,154	7,557
Widowed	15,002	20,289	35,002	38,568	47,286	43,767	39,766	32,663
Divorced	37,490	23,179	20,754	11,442	17,590	4,259	510	818
Puerto Rican, male								
Never married	9,601	3,105	1,444	1,290	468	-	-	-
Married	44,131	29,314	27,958	12,638	12,511	4,286	2,867	1,430
Widowed	1,271	387	2,324	2,872	4,523	1,138	524	4,561
Divorced	9,901	4,914	2,175	2,285	618	809	-	-
Puerto Rican, female								
Never married	8,350	6,204	3,501	5,241	986	2,055	888	1,275
Married	42,335	28,874	23,653	11,895	9,724	3,185	1,337	1,087
Widowed	5,417	12,016	7,910	8,458	8,065	6,036	10,086	5,211
Divorced	8,485	13,491	7,210	1,050	3,388	764	-	-

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-Year age groups, marital status, race, and specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-80 years	80-84 years	85 years and over
Cuban, male								
Never married	2,241	5,367	405	1,585	1,659	1,410	-	1,215
Married	21,701	24,306	25,859	23,720	17,258	13,996	5,150	5,344
Widowed	-	-	333	2,747	3,330	6,082	-	2,288
Divorced	2,698	5,288	1,182	2,969	5,645	-	-	1,310
Cuban, female								
Never married	2,010	3,291	2,681	1,748	2,446	2,655	1,464	1,431
Married	14,709	16,049	29,335	17,843	8,711	6,557	3,474	2,435
Widowed	-	932	2,209	5,355	11,808	17,290	9,867	13,100
Divorced	6,347	5,319	3,225	7,917	5,780	3,878	-	480
Other Hispanic, male								
Never married	10,912	5,307	6,752	1,747	766	1,040	1,453	-
Married	79,200	60,827	41,963	43,361	21,221	17,703	9,617	5,614
Widowed	-	4,920	2,232	3,653	5,533	1,998	466	545
Divorced	10,043	5,112	5,589	2,624	4,414	2,212	1,759	-
Other Hispanic, female								
Never married	12,922	8,740	4,302	10,334	5,525	3,919	1,710	1,388
Married	86,550	56,533	48,604	33,638	15,819	8,468	4,930	1,633
Widowed	8,132	10,369	15,231	23,716	26,283	24,842	14,301	14,051
Divorced	14,797	15,418	8,189	6,937	7,471	3,188	940	-

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Table K. Estimated population for ages 15 years and over, by 5-Year age groups, marital status, race, and specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-80 years	80-84 years	85 years and over
White non-Hispanic, male								
Never married	265,431	191,875	150,639	165,098	132,961	66,643	50,033	41,993
Married	4,319,697	3,509,268	3,196,765	3,060,082	2,635,630	1,837,941	991,877	440,625
Widowed	57,619	73,973	128,368	242,289	302,201	339,713	316,175	364,329
Divorced	598,845	455,883	343,804	254,767	171,442	93,266	33,805	24,924
White non-Hispanic, female								
Never married	230,024	170,109	135,542	144,467	149,188	141,215	87,966	122,785
Married	4,129,325	3,286,163	2,950,324	2,684,533	2,215,955	1,344,292	606,109	271,670
Widowed	252,262	372,870	602,457	1,201,982	1,555,852	1,735,208	1,677,545	1,818,801
Divorced	825,342	645,286	500,702	373,951	257,351	156,523	98,240	56,390
Black non-Hispanic, male								
Never married	100,207	55,756	46,579	19,504	17,247	20,022	5,714	8,894
Married	368,346	342,800	268,571	245,912	185,192	108,401	58,578	43,872
Widowed	12,048	14,311	37,299	74,146	43,243	47,074	33,353	24,871
Divorced	109,319	65,935	55,880	37,643	27,031	12,865	3,779	232
Black non-Hispanic, female								
Never married	75,195	62,307	52,547	35,516	29,585	10,524	10,295	12,308
Married	394,359	341,342	266,416	207,257	143,074	73,496	29,678	13,275
Widowed	90,194	115,516	149,294	188,306	191,525	200,401	154,083	157,290
Divorced	169,182	90,957	73,729	76,135	39,544	21,079	12,100	6,130

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table K. Estimated population for ages 15 years and over, by 5-Year age groups, marital status, race, and specified Hispanic origin, race for non-Hispanic origin, and sex: Total of 49 States and the District of Columbia, 1995

[Figures may be subject to large sampling variability. Figures include Armed Forces stationed in the United States and exclude those stationed outside the United States]

Hispanic origin, race for non-Hispanic origin, sex, and marital status	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-80 years	80-84 years	85 years and over
Other non-Hispanic, male								
Never married	7,512	8,008	5,454	1,658	7,442	2,509	-	2,182
Married	191,294	156,044	122,064	97,199	68,446	36,116	26,798	11,558
Widowed	2,184	2,605	2,662	9,124	8,203	14,155	4,310	4,044
Divorced	17,234	11,023	6,158	5,026	4,600	-	-	-
Other non-Hispanic, female								
Never married	12,222	6,151	2,817	6,373	3,231	5,685	3,933	-
Married	193,559	142,152	104,518	91,834	51,740	27,468	11,553	3,866
Widowed	24,677	20,167	37,256	42,250	52,450	33,290	24,900	25,953
Divorced	25,751	26,619	26,401	6,722	6,664	1,729	44	-

- Quantity zero

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995
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Table L. Ratio of census-level resident population to resident population adjusted for estimated net census undercount by age, sex, and race: April 1, 1990

Age	All races			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages	0.9815	0.9721	0.9906	0.9802	0.9728	0.9873	0.9432	0.9151	0.9699
Under 5 years	0.9632	0.9634	0.9629	0.9677	0.9685	0.9669	0.9160	0.9139	0.9182
Under 1 year	0.9686	0.9684	0.9689	0.9730	0.9734	0.9725	0.9239	0.9214	0.9264
1-4 years	0.9617	0.9621	0.9613	0.9664	0.9674	0.9654	0.9139	0.9119	0.9159
5-14 years	0.9761	0.9768	0.9753	0.9740	0.9750	0.9730	0.9410	0.9402	0.9418
5-9 years	0.9649	0.9655	0.9642	0.9657	0.9665	0.9649	0.9241	0.9230	0.9252
10-14 years	0.9882	0.9891	0.9873	0.9830	0.9841	0.9818	0.9591	0.9586	0.9595
15-24 years	1.0081	1.0088	1.0073	1.0032	1.0053	1.0010	0.9789	0.9723	0.9855
15-19 years	1.0166	1.0198	1.0133	1.0094	1.0128	1.0059	0.9988	1.0016	0.9959
20-24 years	1.0002	0.9987	1.0017	0.9975	0.9985	0.9966	0.9593	0.9432	0.9753
25-34 years	0.9639	0.9463	0.9821	0.9614	0.9480	0.9755	0.9126	0.8666	0.9580
25-29 years	0.9591	0.9439	0.9748	0.9558	0.9441	0.9681	0.9123	0.8732	0.9510
30-34 years	0.9687	0.9487	0.9892	0.9669	0.9518	0.9828	0.9129	0.8599	0.9651
35-44 years	0.9842	0.9689	0.9996	0.9816	0.9700	0.9935	0.9350	0.8867	0.9810
35-39 years	0.9790	0.9628	0.9954	0.9764	0.9643	0.9888	0.9303	0.8808	0.9778
40-44 years	0.9901	0.9758	1.0044	0.9875	0.9764	0.9988	0.9410	0.8943	0.9850
45-54 years	0.9780	0.9628	0.9929	0.9772	0.9649	0.9894	0.9322	0.8805	0.9799
45-49 years	0.9775	0.9633	0.9916	0.9762	0.9648	0.9877	0.9302	0.8807	0.9762
50-54 years	0.9785	0.9623	0.9944	0.9784	0.9651	0.9914	0.9346	0.8802	0.9844
55-64 years	0.9824	0.9640	0.9995	0.9828	0.9684	0.9962	0.9545	0.8875	1.0138
55-59 years	0.9794	0.9609	0.9968	0.9801	0.9656	0.9941	0.9426	0.8790	0.9999
60-64 years	0.9854	0.9671	0.1002	0.9853	0.9712	0.9982	0.9675	0.8969	1.0287

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Table L. Ratio of census-level resident population to resident population adjusted for estimated net census undercount by age, sex, and race: April 1, 1990

Age	All races			White			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
65-74 years	0.9960	0.9784	1.0101	0.9935	0.9781	1.0060	1.0211	0.9704	1.0596
65-69 years	0.9980	0.9776	1.0152	0.9943	0.9762	1.0096	1.0336	0.9786	1.0773
70-74 years	0.9934	0.9795	1.0040	0.9926	0.9807	1.0017	1.0049	0.9589	1.0376
75-84 years	1.0021	1.0046	1.0006	1.0038	1.0066	1.0021	0.9971	0.9913	1.0004
75-79 years	1.0082	1.0064	1.0094	1.0077	1.0065	1.0085	1.0258	1.0126	1.0337
80-84 years	0.9927	1.0015	0.9881	0.9978	1.0068	0.9931	0.9524	0.9547	0.9512
85 years and over	0.9411	0.9592	0.9342	0.9512	0.9696	0.9444	0.8503	0.8827	0.8373

SOURCE: Unpublished data from the U.S. Bureau of the Census.

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

[Based on age-specific death rates per 100,000 population in specified group. Age-adjusted death rates per 100,000 U.S. standard population. Numbers after causes of deaths are numbers of the Ninth Revision, International Classification of Diseases, 1975. Beginning 1987 includes category numbers *042-*044. See section "Cause of death"]

Race, sex, and adjustment for net census undercount	All causes	Human immunodeficiency virus infection (*042-*044)	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	Diabetes mellitus (250)	Diseases of heart (390-398,402, 404-429)	Cerebrovascular diseases (430-438)	Homicide and legal intervention (E960-E978)
All races							
Both sexes:							
Unadjusted	520.2	9.8	135.0	11.7	152.0	27.7	10.2
Adjusted	512.7	9.6	133.3	11.5	149.9	27.3	10.1
Male:							
Unadjusted	680.2	17.7	166.3	12.3	206.7	30.2	16.3
Adjusted	664.3	17.0	162.4	12.1	202.1	29.6	15.9
Female:							
Unadjusted	390.6	2.1	112.7	11.1	108.9	25.7	4.2
Adjusted	387.9	2.1	112.6	11.0	107.9	25.4	4.2
White							
Both sexes:							
Unadjusted	492.8	8.0	131.5	10.4	146.9	25.5	5.9
Adjusted	485.9	7.8	129.9	10.2	145.0	25.2	5.7
Male:							
Unadjusted	644.3	15.0	160.3	11.3	202.0	27.7	8.9
Adjusted	631.0	14.4	156.9	11.1	198.2	27.3	8.7
Female:							
Unadjusted	369.9	1.1	111.2	9.5	103.1	23.8	2.8
Adjusted	367.0	1.0	110.8	9.5	102.2	23.5	2.7
Black							
Both sexes:							
Unadjusted	789.2	25.7	182.0	24.8	213.5	48.4	39.5
Adjusted	760.0	23.9	177.0	24.1	207.2	46.9	37.4
Male:							
Unadjusted	1,061.3	44.2	248.1	23.6	275.9	56.1	68.7
Adjusted	980.8	39.0	230.9	21.9	256.7	52.3	62.9
Female:							
Unadjusted	581.6	9.9	137.2	25.4	168.1	42.7	13.0
Adjusted	579.4	9.7	138.4	25.7	168.2	42.7	12.7

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Table N. Lower and upper 95% and 96% confidence limit factors for a death rate based on a Poisson variable of 1 through 99 deaths, D or D_{adj}

D or D_{adj}	$L(1 - \alpha = .95, D)$	$U(1 - \alpha = .95, D)$	$L(1 - \alpha = .96, D)$ or $L(1 - \alpha = .96, D_{adj})$	$U(1 - \alpha = .96, D)$ or $U(1 - \alpha = .96, D_{adj})$
1	0.02532	5.57164	0.02020	5.83392
2	0.12110	3.61234	0.10735	3.75830
3	0.20622	2.92242	0.18907	3.02804
4	0.27247	2.56040	0.25406	2.64510
5	0.32470	2.33367	0.30591	2.40540
6	0.36698	2.17658	0.34819	2.23940
7	0.40205	2.06038	0.38344	2.11666
8	0.43173	1.97040	0.41339	2.02164
9	0.45726	1.89831	0.43923	1.94553
10	0.47954	1.83904	0.46183	1.88297
11	0.49920	1.78928	0.48182	1.83047
12	0.51671	1.74680	0.49966	1.78566
13	0.53246	1.71003	0.51571	1.74688
14	0.54671	1.67783	0.53027	1.71292
15	0.55969	1.64935	0.54354	1.68289
16	0.57159	1.62394	0.55571	1.65610
17	0.58254	1.60110	0.56692	1.63203
18	0.59266	1.58043	0.57730	1.61024
19	0.60207	1.56162	0.58695	1.59042
20	0.61083	1.54442	0.59594	1.57230
21	0.61902	1.52861	0.60435	1.55563
22	0.62669	1.51401	0.61224	1.54026
23	0.63391	1.50049	0.61966	1.52602
24	0.64072	1.48792	0.62666	1.51278
25	0.64715	1.47620	0.63328	1.50043
26	0.65323	1.46523	0.63954	1.48888

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Table N. Lower and upper 95% and 96% confidence limit factors for a death rate based on a Poisson variable of 1 through 99 deaths, D or D_{adj}

D or D_{adj}	$L(1 - \alpha = .95, D)$	$U(1 - \alpha = .95, D)$	$L(1 - \alpha = .96, D)$ or $L(1 - \alpha = .96, D_{adj})$	$U(1 - \alpha = .96, D)$ or $U(1 - \alpha = .96, D_{adj})$
27	0.65901	1.45495	0.64549	1.47805
28	0.66449	1.44528	0.65114	1.46787
29	0.66972	1.43617	0.65652	1.45827
30	0.67470	1.42756	0.66166	1.44922
31	0.67945	1.41942	0.66656	1.44064
32	0.68400	1.41170	0.67125	1.43252
33	0.68835	1.40437	0.67575	1.42480
34	0.69253	1.39740	0.68005	1.41746
35	0.69654	1.39076	0.68419	1.41047
36	0.70039	1.38442	0.68817	1.40380
37	0.70409	1.37837	0.69199	1.39743
38	0.70766	1.37258	0.69568	1.39134
39	0.71110	1.36703	0.69923	1.38550
40	0.71441	1.36172	0.70266	1.37991
41	0.71762	1.35661	0.70597	1.37454
42	0.72071	1.35171	0.70917	1.36938
43	0.72370	1.34699	0.71227	1.36442
44	0.72660	1.34245	0.71526	1.35964
45	0.72941	1.33808	0.71816	1.35504
46	0.73213	1.33386	0.72098	1.35060
47	0.73476	1.32979	0.72370	1.34632
48	0.73732	1.32585	0.72635	1.34218
49	0.73981	1.32205	0.72892	1.33818
50	0.74222	1.31838	0.73142	1.33431
51	0.74457	1.31482	0.73385	1.33057
52	0.74685	1.31137	0.73621	1.32694

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Table N. Lower and upper 95% and 96% confidence limit factors for a death rate based on a Poisson variable of 1 through 99 deaths, D or D_{adj}

D or D_{adj}	$L(1 - \alpha = .95, D)$	$U(1 - \alpha = .95, D)$	$L(1 - \alpha = .96, D)$ or $L(1 - \alpha = .96, D_{adj})$	$U(1 - \alpha = .96, D)$ or $U(1 - \alpha = .96, D_{adj})$
53	0.74907	1.30802	0.73851	1.32342
54	0.75123	1.30478	0.74075	1.32002
55	0.75334	1.30164	0.74293	1.31671
56	0.75539	1.29858	0.74506	1.31349
57	0.75739	1.29562	0.74713	1.31037
58	0.75934	1.29273	0.74916	1.30734
59	0.76125	1.28993	0.75113	1.30439
60	0.76311	1.28720	0.75306	1.30152
61	0.76492	1.28454	0.75494	1.29873
62	0.76669	1.28195	0.75678	1.29601
63	0.76843	1.27943	0.75857	1.29336
64	0.77012	1.27698	0.76033	1.29077
65	0.77178	1.27458	0.76205	1.28826
66	0.77340	1.27225	0.76373	1.28580
67	0.77499	1.26996	0.76537	1.28340
68	0.77654	1.26774	0.76698	1.28106
69	0.77806	1.26556	0.76856	1.27877
70	0.77955	1.26344	0.77011	1.27654
71	0.78101	1.26136	0.77162	1.27436
72	0.78244	1.25933	0.77310	1.27223
73	0.78384	1.25735	0.77456	1.27014
74	0.78522	1.25541	0.77598	1.26810
75	0.78656	1.25351	0.77738	1.26610
76	0.78789	1.25165	0.77876	1.26415
77	0.78918	1.24983	0.78010	1.26223
78	0.79046	1.24805	0.78143	1.26036

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Table N. Lower and upper 95% and 96% confidence limit factors for a death rate based on a Poisson variable of 1 through 99 deaths, D or D_{adj}

D or D_{adj}	$L(1 - \alpha = .95, D)$	$U(1 - \alpha = .95, D)$	$L(1 - \alpha = .96, D)$ or $L(1 - \alpha = .96, D_{adj})$	$U(1 - \alpha = .96, D)$ or $U(1 - \alpha = .96, D_{adj})$
79	0.79171	1.24630	0.78272	1.25852
80	0.79294	1.24459	0.78400	1.25672
81	0.79414	1.24291	0.78525	1.25496
82	0.79533	1.24126	0.78648	1.25323
83	0.79649	1.23965	0.78769	1.25153
84	0.79764	1.23807	0.78888	1.24987
85	0.79876	1.23652	0.79005	1.24824
86	0.79987	1.23499	0.79120	1.24664
87	0.80096	1.23350	0.79233	1.24507
88	0.80203	1.23203	0.79344	1.24352
89	0.80308	1.23059	0.79453	1.24201
90	0.80412	1.22917	0.79561	1.24052
91	0.80514	1.22778	0.79667	1.23906
92	0.80614	1.22641	0.79771	1.23762
93	0.80713	1.22507	0.79874	1.23621
94	0.80810	1.22375	0.79975	1.23482
95	0.80906	1.22245	0.80074	1.23345
96	0.81000	1.22117	0.80172	1.23211
97	0.81093	1.21992	0.80269	1.23079
98	0.81185	1.21868	0.80364	1.22949
99	0.81275	1.21746	0.80458	1.22822

NOTE: Table N was generated using the SAS[®] code below. Users can compute other level Confidence Intervals by changing the alpha-value. Table N is a modified version of Table 40 (52).

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```
* Program to compute confidence intervals for expectations of Poisson variables ;
* Specify alpha for alpha*100% Confidence Interval ;

%let alpha = .95;

data CI ;

    alo = (1-&alpha)/2 ;
    ahi = (&alpha+1)/2 ;

do n = 1 to 99;

    L = Gaminv ( alo,n )/n ;
    U = Gaminv ( ahi,n+1)/n ;

output;
end;

proc print data= CI;
var n L U ;
run;
```

1998 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1995

To assist the users of the mortality public-use data tapes and CD-ROMS, attached is a copy of the "Technical Appendix" of the *Vital Statistics of the United States: Mortality, 1995*. This technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data in those tapes and CD-ROMS. Certain modifications to the technical appendix are essential to make it applicable to the mortality file for the 1998 data year. Those modifications include the following:

I. Sources of data

State-coded medical data

1996

Utah

1998

Tennessee

For 1998, of the States in the VSCP, 43 States submitted precoded medical data for all death certificates in the form of electronic data files. Of these 43 States, Maine and Montana contracted with a private company to provide NCHS with precoded medical data. The remaining seven VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data.

For 1998, approximately 36 percent of the Nation's death records were multiple-cause coded using SuperMICAR and 64 percent using MICAR. This represents data from 25 States which were coded by SuperMICAR and data from 25 States, the District of Columbia, and New York City which were coded by MICAR.

All States submitted precoded demographic data for all death certificates in the form of electronic data files in 1998.

Data for Puerto Rico, the Virgin Islands, and Guam have been included in the mortality public-use data files since 1994. Data for American Samoa have been included since 1997. Data for the Commonwealth of the Northern Mariana Islands (Northern Marianas) are included for the first time for 1998.

II. Classification of data

A. Race

Death certificates for some States have a checkbox for “multi-racial”. Some States are mandated by law to code “multi-racial” as a separate category. For these States, death records with an entry of “multi-racial” but without a specified racial entry or entries were assigned to the specified race of the previous record. States not mandated to code “multi-racial” may code “multi-racial” in the same way as mandated States or may code “multi-racial” to "Other entries." For death records where race is coded to "Other entries", if origin is Hispanic and the place of birth is Puerto Rico, Cuba or Mexico, the race is assigned as White. Otherwise, except for Puerto Rico, death records with race coded to "Other entries" were assigned to the specified race of the previous record with known race. For Puerto Rico, if race is coded to "Other entries", race is assigned to "Other races."

B. Hispanic origin

Beginning with the 1997 data year, data by Hispanic origin include all 50 States and the District of Columbia .

Infant mortality--Infant mortality data by Hispanic origin are based on deaths to residents of the entire United States.

Infant mortality rates by Hispanic origin are biased because of inconsistencies in reporting Hispanic or ethnic origin between the birth and death certificates for the same infant. Estimates of reporting bias may be made by comparing rates based on the linked file of infant deaths and live births ¹ with those where the Hispanic or ethnic origin of infant death is based on information from the death certificate ². Infant mortality rates by Hispanic origin are less subject to reporting bias when based on linked files of infant deaths and live births ¹.

C. Educational attainment

Deaths by educational attainment have been included in the public-use data files since 1989. It is recommended for 1998 that analyses of educational attainment data include deaths to residents of 46 States and the District of Columbia whose data were approximately 80 percent or more complete on a place-of-occurrence basis. Although data for Kentucky are included in the file, they would be excluded from analyses because more than 20 percent of their death certificates were classified to “unknown educational attainment.” Data for Georgia,

Rhode Island, and South Dakota were excluded from the file because their death certificates did not include an educational attainment item.

Death rates for educational attainment are based on population estimates derived from the U.S. Bureau of the Census' Current Population Survey (CPS) and adjusted to resident population control totals. As a result, the rates are subject to the variability of the denominator as well as the numerator. Computation of the relative standard errors, 95-percent confidence intervals, and statistical tests are discussed in the Technical notes of the National Vital Statistics Report ².

Death rates for educational attainment may be biased for the following three reasons: 1) because of inconsistencies in reporting between the death certificates and the CPS for decedents; 2) because of a change in the basic item used to collect data about education in the CPS; and 3) because of possible under-enumeration of the population estimates (there have been no studies evaluating this potential bias).

In the National Longitudinal Mortality Survey (NLMS) a total of 9,257 death certificates were compared with responses to educational attainment questions from a total of 12 CPS's conducted by the U.S. Bureau of the Census for data year 1989 ³. Based on the results of this study and after proportionally allocating the "unknown education" on the death certificate, the ratio of CPS deaths having reported less than a high school education (grades 0-11) to death certificate deaths having reported less than high school education was about 1.37. This indicates that the number of deaths and death rates for decedents having less than high school education are biased downward in the vital statistics data by about 37 percent. Similarly, the corresponding ratios for having completed high school (grade 12) and having completed more than high school (grades 13 and more) are 0.70 and 0.87 respectively.

In the CPS, the item used to collect education information was changed in 1992 from:

23a) What is the highest grade or year of regular school ... has ever attended?;

23b) Did ... complete that grade (year?); Yes, No

to:

23) What is the highest level of school ... has completed or the highest degree ... has received?

Based on a Bureau of the Census study ⁴, the ratio of population estimates derived from the "old" educational attainment definition for less than a high school education (grades 0-11) to population estimates derived from the "new" definition for less than high school education was

about 0.99. This indicates that the death rates for decedents having less than high school education are biased upward in the vital statistics data by about 1 percent. Similarly, the corresponding ratios for having completed high school (grade 12) and having completed more than high school (grades 13 and more) were 1.15 and 0.93 respectively.

Accounting for both the inconsistency in reporting between the death certificates and the CPS for decedents and the change in the definition of education population estimates may be accomplished simultaneously by combining the above ratios. The combined ratio for less than high school is about 1.36 (1.37 x .99), for high school about 0.81 (0.70 x 1.15), and for more than high school about 0.81 (0.87 x .93). These ratios may vary by age, sex, race/Hispanic origin, cause of death, and geographic area.

D. Occupation and industry

For 1998, the occupation and industry mortality data were included for the following 20 reporting States:

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

III. Population bases for computing rates

The population used for computing death rates (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. Population estimates used for computing rates by age, sex, race, Hispanic origin, and race for non-Hispanic origin for the United States for 1998 are based on population estimates as of July 1, 1998 ⁸ (available upon request). The estimates are based on demographic analysis and, therefore, are not subject to sampling variability.

Population estimates used for computing death rates for specified Hispanic origin by age and sex for the United States are as of July 1, 1998⁹ (available upon request). The estimates for Mexicans, Puerto Ricans, Cubans, and Other Hispanics are based on the CPS adjusted to resident population control totals and, therefore, are subject to sampling error (see Technical Appendix from *Vital Statistics of the United States: Mortality, 1995*).

Population estimates used for computing death rates for marital status by age, race, and sex for the United States are as of July 1, 1998⁹ and are available upon request. Population estimates used for computing death rates for marital status by age, Hispanic origin, race for non-Hispanic origin, and sex for the United States are as of July 1, 1998⁹ and are also available upon request. The population estimates for never married, married, widowed, and divorced are based on the CPS adjusted to resident population control totals and, therefore, are subject to sampling error (see Technical Appendix from *Vital Statistics of the United States: Mortality, 1995*).

Population estimates used for computing death rates for educational attainment by age and sex for the total of 46 States and the District of Columbia are as of July 1, 1998⁹ and are presented in table IV of the Technical notes of the “Report of Final Mortality Statistics”². These estimates are based on the CPS adjusted to resident population control for the 46 States and the District of Columbia.

Population estimates for each State, Puerto Rico, Virgin Islands, Guam, American Samoa, and Northern Marianas¹⁰⁻¹⁵ are presented in table V of the Technical notes of the “Report of Final Mortality Statistics”². These estimates are based on demographic analysis, and therefore, are not subject to sampling variability.

All population estimates for 1998 are based on the 1990 census level counts that were modified by age, race, and sex to be consistent with the U.S. Office of Management and Budget categories and historical categories for death data¹⁶.

References

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