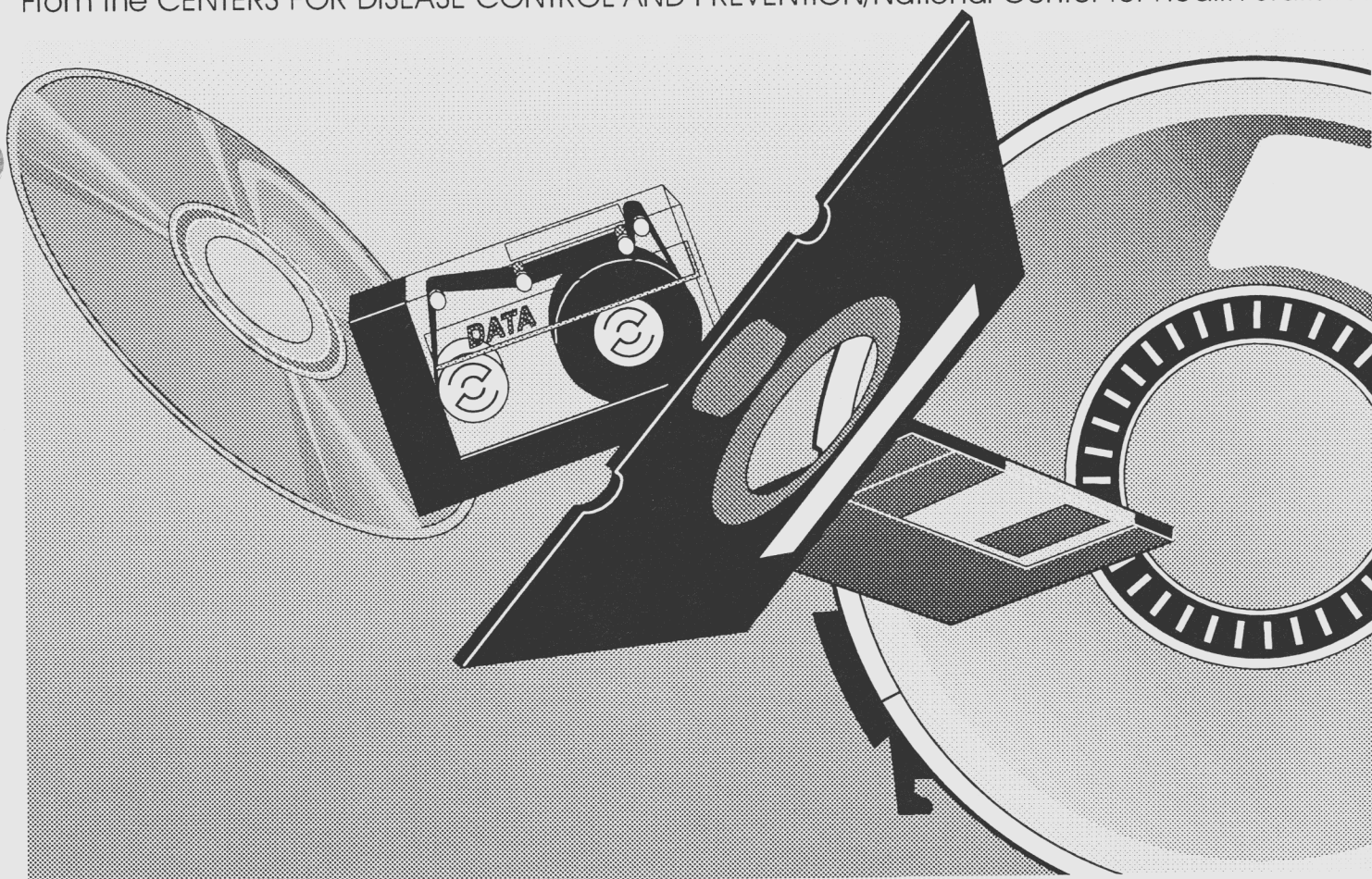


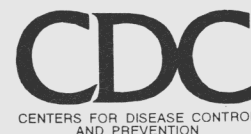
Public Use Data File Documentation

Multiple Cause of Death for ICD-9 1996 Data

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

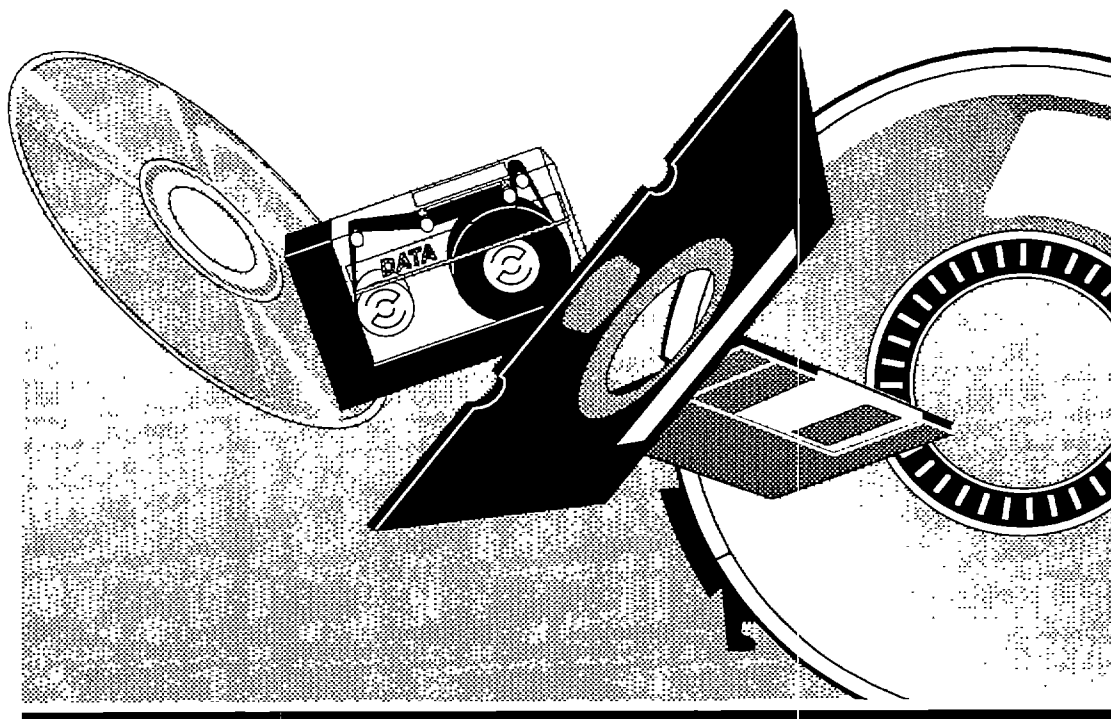


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics



Public Use Data File Documentation

Multiple Cause of Death for ICD-9 1996 Data



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National Center for Health Statistics

Hyattsville, Maryland
August 1998

DOCUMENTATION OF THE
MORTALITY TAPE FILE FOR
1996 DATA

SPECIAL NOTICE

THE DATA YEAR IS NO LONGER LOCATED IN POSITIONS 1-2 OF THE RECORD.
A FOUR-DIGIT DATA YEAR IS NOW LOCATED IN POSITIONS 115-118.

THE GEOGRAPHIC CODES WERE CHANGED EFFECTIVE WITH 1996 DATA TO
REFLECT THE RESULTS OF THE 1990 CENSUS

DEATHS FOR PUERTO RICO, VIRGIN ISLANDS, AND GUAM ARE INCLUDED IN A
SEPARATE DATA SET IN THE PUBLIC-USE FILE

This tape documentation was prepared in the Division of Vital Statistics. Gail Parr of the Systems Programming and Statistical Resources Branch was 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 Technical Services 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 840, Hyattsville, MD 20782 (301-436-8900).

Questions concerning the Technical Appendix or substantive questions concerning the mortality data should be directed to the Mortality Statistics Branch, Division of Vital Statistics, NCHS, 6525 Belcrest Road, Room 840, Hyattsville, MD 20782 (301-436-8884).

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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 1996 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 1996. 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 1996 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 1996 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:		2,318,212
2.	Data counts:	a. By occurrence:	2,318,212
		b. By residence:	2,314,690
		c. To foreign residents:	3,522

PUERTO RICO, VIRGIN ISLANDS, AND GUAM DATA SET:

1.	Record count:	31,055
----	---------------	--------

PUERTO RICO:

2.	Data counts:	a. By occurrence:	29,871
		b. By residence:	29,731

VIRGIN ISLANDS:

2.	Data counts:	a. By occurrence:	559
		b. By residence:	536

GUAM:

2.	Data Counts:	a. By occurrence:	625
		b. By residence:	602

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

III. Tape Format and Variable Definition

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

- A. Manual of the International Statistical Classification of Diseases, Injuries, and the Cause-of-Death, Ninth Revision (ICD-9) Volumes 1 and 2.
- B. NCHS Instruction Manual Data Preparation Part 2a, Vital Statistics Instructions for Classifying the Underlying Cause-of-Death, 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, 1995.
- H. NCHS Instruction Manual Tabulation, Part II, 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) 436-8884. For technical assistance pertaining to the creation of the multiple cause-of-death file, contact Donna Glenn, Statistician, Technical Services Branch, Division of Vital Statistics, NCHS, Room 148, P.O. Box 12214, Research Triangle Park, North Carolina 27709. Telephone (919) 541-0999.

VI. List of Data Elements and Tape Locations

	Data Items	Tape Locations
1.	General	
	a. Data year	115-118
	b. Record Type	19
	c. Resident status	20
	d. Month of death	55-56
	e. Day of week	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
4.	The Decedent	
	a. Sex	59
	b. Race	60-63
	c. Age	64-74
	d. Marital status	77
	e. State of birth	78-79
	f. Hispanic origin	80-81,82
	g. Kind of Business or Industry	85-87
	h. Usual Occupation	88-90
	i. Education	52-53, 54

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

Data Items		Tape Locations
5.	Underlying Cause	
a.	ICD-9 code	142-145
b.	282 cause recode	146-150
c.	72 cause recode	151-153
d.	61 cause recode	154-156
e.	52 cause recode	91-93
f.	34 cause recode	157-159
g.	Place of accident	141
h.	Injury at work	136
6.	Multiple Conditions	
a.	Entity-Axis conditions	
1.	Number of	160-161
2.	The conditions	162-301
b.	Record-Axis conditions	
1.	Number of	338-339
2.	The conditions	341-440

1996
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 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.
		4 ... FOREIGN RESIDENTS Occurred in Puerto Rico to a resident of any other place.

1996
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
20	1	<u>Resident Status - Con.</u> Virgin Islands 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. 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.
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

1996
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>
		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
		 Puerto Rico
		52 ...Puerto Rico
		 Virgin Islands
		53 ...Virgin Islands

1996
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> Guam 54 ...Guam
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, or Guam 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

1996
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
26-28	3	Region
		<u>Division and State Subcode of Occurrence - Con.</u>
	4	... <u>West North Central</u>
	1	... Minnesota
	2	... Iowa
	3	... Missouri
	4	... North Dakota
	5	... South Dakota
	6	... Nebraska
	7	... Kansas
	3	... <u>SOUTH</u>
	5	... <u>South Atlantic</u>
	1	... Delaware
	2	... Maryland
	3	... District of Columbia
	4	... Virginia
	5	... West Virginia
	6	... North Carolina
	7	... South Carolina
	8	... Georgia
	9	... Florida
	6	... <u>East South Central</u>
	1	... Kentucky
	2	... Tennessee
	3	... Alabama
	4	... Mississippi
	7	... <u>West South Central</u>
	1	... Arkansas
	2	... Louisiana
	3	... Oklahoma
	4	... Texas
	4	... <u>WEST</u>
	8	... <u>Mountain</u>
	1	... Montana
	2	... Idaho
	3	... Wyoming
	4	... Colorado
	5	... New Mexico
	6	... Arizona
	7	... Utah
	8	... Nevada
	9	... <u>Pacific</u>
	1	... Washington
	2	... Oregon
	3	... California
	4	... Alaska
	5	... Hawaii

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Mortality Multiple Cause-of-Death Record

<u>Tape 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 39 ... Oregon 40 ... Pennsylvania

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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 - Con.</u>
		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
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
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana

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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>
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota
		43 ... Tennessee
		44 ... Texas
		45 ... Utah
		46 ... Vermont
		47 ... Virginia
		48 ... Washington
		49 ... West Virginia
		50 ... Wisconsin
		51 ... Wyoming
		52-57,59 ... Foreign residents
		52 ... Puerto Rico
		53 ... Virgin Islands
		54 ... Guam
		55 ... Canada
		56 ... Cuba
		57 ... Mexico
		59 ... Remainder of the world

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
31-32	2	<p><u>State of Residence - Con.</u></p> <p>Puerto Rico Occurrence</p> <p>52 ... Puerto Rico 01-51,53-57,59 ... Foreign residents: Refer to U.S. for specific code structure.</p> <p>Virgin Islands Occurrence</p> <p>53 ... Virgin Islands 01-52,54-57,59 ... Foreign residents: Refer to U.S. for specific code structure.</p> <p>Guam Occurrence</p> <p>54 ... Guam 01-51 ... U.S. Resident. Also considered a resident of Guam. 52-53,55-57, 59 ... Foreign residents: refer to U.S. for specific code structure</p>
33-35	3	<p><u>County of Residence</u></p> <p>001-999 ...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>zzz ...Foreign residents 999 ...County of less than 100,000 population</p>
36-38	3	<p><u>City of Residence</u></p> <p>001-999 ...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.)</p> <p>999 ...balance of county; or city of less than 100,000 population ZZZ ...Foreign residents</p>

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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
40	1	<u>Metropolitan - Nonmetropolitan County of Residence</u> NOTE: Guam 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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
41-43	3	Region <u>Division and State of Residence - Con.</u>
		4 ... <u>West North Central</u>
		1 ... Minnesota
		2 ... Iowa
		3 ... Missouri
		4 ... North Dakota
		5 ... South Dakota
		6 ... Nebraska
		7 ... Kansas
	3	... <u>SOUTH</u>
		5 ... <u>South Atlantic</u>
		1 ... Delaware
		2 ... Maryland
		3 ... District of Columbia
		4 ... Virginia
		5 ... West Virginia
		6 ... North Carolina
		7 ... South Carolina
		8 ... Georgia
		9 ... Florida
	6	... <u>East South Central</u>
		1 ... Kentucky
		2 ... Tennessee
		3 ... Alabama
		4 ... Mississippi
	7	... <u>West South Central</u>
		1 ... Arkansas
		2 ... Louisiana
		3 ... Oklahoma
		4 ... Texas
	4	... <u>WEST</u>
		8 ... <u>Mountain</u>
		1 ... Montana
		2 ... Idaho
		3 ... Wyoming
		4 ... Colorado
		5 ... New Mexico
		6 ... Arizona
		7 ... Utah
		8 ... Nevada
	9	... <u>Pacific</u>
		1 ... Washington
		2 ... Oregon
		3 ... California
		4 ... Alaska
		5 ... Hawaii

1996
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
39	... Oregon
40	... Pennsylvania
41	... Rhode Island

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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>42 ... South Carolina</p> <p>43 ... South Dakota</p> <p>44 ... Tennessee</p> <p>45 ... Texas</p> <p>46 ... Utah</p> <p>47 ... Vermont</p> <p>48 ... Virginia</p> <p>49 ... Washington</p> <p>50 ... West Virginia</p> <p>51 ... Wisconsin</p> <p>52 ... Wyoming</p> <p>53 ... Puerto Rico</p> <p>54 ... Virgin Island</p> <p>55 ... Guam</p> <p>56 ... Canada</p> <p>57 ... Cuba</p> <p>58 ... Mexico</p> <p>60 ... Remainder of the world</p> <p>Puerto Rico Occurrence</p> <p>53 ... Puerto Rico</p> <p>01-52, 54-58,60 ... Foreign residents: Refer to U.S. for specific code structure.</p> <p>Virgin Islands Occurrence</p> <p>54 ... Virgin Islands</p> <p>01-53,55-58,60 ... Foreign residents: Refer to U.S. for specific code structure</p> <p>Guam Occurrence</p> <p>55 ... Guam</p> <p>01-52 ... U.S. resident. Also considered a resident of Guam.</p> <p>53-54, 56-58, 60 ... 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>

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
46-48	3	<p><u>NCHS PMSA/MSA of Residence -Con.</u></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>
50	1	<p><u>Population Size of County of Residence</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 Z ... Foreign residents</p>
51	1	<p><u>PMSA/MSA Population Size</u></p> <p>Based on the results of the 1990 Census</p> <p>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</p>
52-53	2	<p><u>Education</u></p> <p>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</p>

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
52-53	2	<u>Education - Con.</u> 13 ... 1 year of college 14 ... 2 years of college 15 ... 3 years of college 16 ... 4 years of college 17 ... 5 or more years of college 99 ... Not stated
54	1	<u>Education Recode</u> 1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years 4 ... 13 - 15 years 5 ... 16 years or more 6 ... Not stated
55-56	2	<u>Month of Death</u> 01 ... January 02 ... February 03 ... March 04 ... April 05 ... May 06 ... June 07 ... July 08 ... August 09 ... September 10 ... October 11 ... November 12 ... December
57-58	2	<u>Reserved Positions</u>
59	1	<u>Sex</u> 1 ... Male 2 ... Female
60-63	4	<u>RACE</u>

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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60-61

2

Detail Race

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	...	Samoaan
48	...	Vietnamese
58	...	Guamanian
68	...	Other Asian or Pacific Islander in areas reporting codes 18-58
78	...	Combined other Asian or Pacific Islander, includes codes 18-68 for areas that do not report them separately

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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
60-61	2	<u>Detail Race - Guam Occurrence - Con.</u> 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 58 ... Guamanian
62	1	<u>Race Recode 3</u> 1 ... White 2 ... Races other than White or Black 3 ... Black
63	1	<u>Race Recode 2</u> 1 ... White 2 ... All other races
64-74	11	<u>REPORTED AGE</u>
64-66	3	<u>Detail Age</u> Three positions are used to code detail age. Location 64 identifies age in years, months, days, etc. Locations 65-66 are the number of years, months, days, etc. 0 01-99 ... Years less than 100 1 00-99 ... Years 100 or more 2 01-11,99 ... Months 3 01-03,99 ... Weeks 4 01-27,99 ... Days 5 01-23, 99 ... Hours 6 01-59, 99 ... Minutes 9 99 ... Age not stated
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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
67-68	2	<u>Age Recode 52 - Con.</u>
		09 ... 7 - 13 days (includes not stated weeks)
		10 ... 14 - 20 days
		11 ... 21 - 27 days
		12 ... 1 month (includes not stated months)
		13 ... 2 months
		14 ... 3 months
		15 ... 4 months
		16 ... 5 months
		17 ... 6 months
		18 ... 7 months
		19 ... 8 months
		20 ... 9 months
		21 ... 10 months
		22 ... 11 months
		23 ... 1 year
		24 ... 2 years
		25 ... 3 years
		26 ... 4 years
		27 ... 5 - 9 years
		28 ... 10 - 14 years
		29 ... 15 - 19 years
		30 ... 20 - 24 years
		31 ... 25 - 29 years
		32 ... 30 - 34 years
		33 ... 35 - 39 years
		34 ... 40 - 44 years
		35 ... 45 - 49 years
		36 ... 50 - 54 years
		37 ... 55 - 59 years
		38 ... 60 - 64 years
		39 ... 65 - 69 years
		40 ... 70-74 years
		41 ... 75-79 years
		42 ... 80 - 84 years
		43 ... 85 - 89 years
		44 ... 90 - 94 years
		45 ... 95 - 99 years
		46 ... 100 - 104 years
		47 ... 105 - 109 years
		48 ... 110 - 114 years
		49 ... 115 - 119 years
		50 ... 120 - 124 years
		51 ... 125 years and over
		52 ... Age not stated

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Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
77	1	<u>Marital Status - Con.</u>
		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
		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

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<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
78-79	2	<u>State of Birth - Con.</u> 41 ... South Carolina 42 ... South Dakota 43 ... Tennessee 44 ... Texas 45 ... Utah 46 ... Vermont 47 ... Virginia 48 ... Washington 49 ... West Virginia 50 ... Wisconsin 51 ... Wyoming 52 ... Puerto Rico 53 ... Virgin Island 54 ... Guam 55 ... Canada 56 ... Cuba 57 ... Mexico 59 ... Remainder of the world 99 ... State of birth unknown
80-81	2	<u>Hispanic Origin</u> Not all areas report Hispanic Origin. See Technical Appendix. 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> Not all areas report Hispanic Origin. See Technical Appendix. 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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
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>
85-87	3	<u>Kind of Business or Industry</u> 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. A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to: U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. First Edition. Washington. U.S. Government Printing Office, April 1992. 010-960 ... Code range (not inclusive) In addition to the codes shown in the Census publication, the following codes are also applicable: 961 ... Own home/At home 970 ... Retired; with no other industry reported 990 ... Blank, Unknown, NA
88-90	3	<u>Usual Occupation</u> 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. A new coding structure was instituted for the 1993 data year. For a complete list of categories and codes refer to the Census Bureau publication mentioned above. 003-905 ... Code range (not inclusive)

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>																		
88-90	3	<p><u>Usual Occupation - Con.</u> In addition to the codes shown in the Census publication, the following codes are also applicable:</p> <table border="0"> <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>	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
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																		
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> <table border="0"> <tr> <td>010-560</td> <td>...</td> <td>Code range (not inclusive)</td> </tr> </table>	010-560	...	Code range (not inclusive)															
010-560	...	Code range (not inclusive)																		
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> <table border="0"> <tr> <td>00000</td> <td>...</td> <td>Foreign residents</td> </tr> <tr> <td>00001-</td> <td></td> <td></td> </tr> <tr> <td>nnnnn</td> <td>...</td> <td>code range</td> </tr> <tr> <td>99999</td> <td>...</td> <td>Balance of county; or city of less than 100,000 population</td> </tr> </table>	00000	...	Foreign residents	00001-			nnnnn	...	code range	99999	...	Balance of county; or city of less than 100,000 population						
00000	...	Foreign residents																		
00001-																				
nnnnn	...	code range																		
99999	...	Balance of county; or city of less than 100,000 population																		
102-114	13	<u>Reserved Positions</u>																		
115-118	4	<p><u>Current Data Year</u></p> <table border="0"> <tr> <td>1996</td> <td>...</td> <td>1996</td> </tr> </table>	1996	...	1996															
1996	...	1996																		
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>																		

1996
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)</u>
		United States
		01 ... Alabama
		02 ... Alaska
		04 ... Arizona
		05 ... Arkansas
		06 ... California
		08 ... Colorado
		09 ... Connecticut
		10 ... Delaware
		11 ... District of Columbia
		12 ... Florida
		13 ... Georgia
		15 ... Hawaii
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas

1996
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> 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
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 04 ... Arizona 05 ... Arkansas 06 ... California 08 ... Colorado 09 ... Connecticut 10 ... Delaware 11 ... District of Columbia 12 ... Florida 13 ... Georgia 15 ... Hawaii

1996
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>
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas
		49 ... Utah
		50 ... Vermont
		51 ... Virginia
		53 ... Washington
		54 ... West Virginia
		55 ... Wisconsin
		56 ... Wyoming
		 Puerto Rico Occurrence
		72 ... Puerto Rico
		00-56,66, 78 ... Foreign residents: Refer to U.S. for specific code structure.

1996
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
124-125	2	<p><u>State of Residence (FIPS) - Con.</u></p> <p>Virgin Islands Occurrence</p> <p>78 ... Virgin Islands 00-56,66, 72 ... Foreign residents: Refer to U.S. for specific code structure.</p> <p>Guam Occurrence</p> <p>66 ... Guam 01-56 ... U.S. Resident. Also considered a resident of Guam. 00,72,78 ... Foreign residents: Refer to U.S. for specific code structure</p>
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 001-999 ... 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	<u>Reserved Position</u>

1996
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)</u> Consolidated Metropolitan Statistical Areas are groupings of certain Primary Metropolitan Statistical Areas and are defined by the U.S. Office of Management and Budget (OMB) as of 1990. All Areas 00 ... Not a CMSA United States Occurrence 07 ... Boston - Worcester-Lawrence, MA-NH-ME-CT, CMSA 14 ... Chicago - Gary-Kenosha, IL-IN-WI, CMSA 21 ... Cincinnati - Hamilton, OH-KY-IN, CMSA 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

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Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
138	1	<p><u>Age Substitution Flag</u></p> <p>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.</p> <p>1 ... Calculated age is substituted for reported age</p>
139-140	2	<u>Reserved Positions</u>
141	1	<p><u>Place of Accident for Causes E850-E869 and E880-E928</u></p> <p>Blank ... Causes other than E850-E869 and E880-E928</p> <p>0 ... Home</p> <p>1 ... Farm</p> <p>2 ... Mine and Quarry</p> <p>3 ... Industrial Place and Premises</p> <p>4 ... Place for Recreation and Sport</p> <p>5 ... Street and Highway</p> <p>6 ... Public Building</p> <p>7 ... Resident Institution</p> <p>8 ... Other Specified Places</p> <p>9 ... Place of Accident not specified</p>
142-159	18	<u>UNDERLYING CAUSE OF DEATH</u>
142-145	4	<p><u>ICD Code (9th Revision)</u></p> <p>See the <u>International Classification of Diseases, 1975 Revision, Volume 1</u>. For injuries and poisoning, the external cause is coded (E800-E999) rather than the Nature of Injury (800-999). These positions do not include the letter E for the external cause of injury. For those causes that do not have a 4th digit, location 145 is blank.</p>
146-150	5	<p><u>282 Cause Recode</u></p> <p>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.</p> <p>00300-35800 ... Code range (not inclusive)</p>
151-153	3	<p><u>72 Cause Recode</u></p> <p>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.</p> <p>010-840 ... Code range (not inclusive)</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>																					
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> <p style="text-align: center;">See Table 1 for a complete list of codes</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																					

1996
Mortality Multiple Cause-of-Death Record

<u>Tape Location</u>	<u>Field Size</u>	<u>Item and Code Outline</u>
<u>ENTITY - AXIS CONDITIONS - Con.</u>		
Position 7: Nature of Injury Flag		
		1 ... Indicates that the code in positions 3-6 is a Nature of Injury code
		0 ... All other codes
162-168	7	1 st Condition
169-175	7	2 nd Condition
176-182	7	3 rd Condition
183-189	7	4 th Condition
190-196	7	5 th Condition
197-203	7	6 th Condition
204-210	7	7 th Condition
211-217	7	8 th Condition
218-224	7	9 th Condition
225-231	7	10 th Condition
232-238	7	11 th Condition
239-245	7	12 th Condition
246-252	7	13 th Condition
253-259	7	14 th Condition
260-266	7	15 th Condition
267-273	7	16 th Condition
274-280	7	17 th Condition
281-287	7	18 th Condition
288-294	7	19 th Condition
295-301	7	20 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>
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
381-385	5	9 th Condition
386-390	5	10 th Condition
391-395	5	11 th Condition
396-400	5	12 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>
		<u>RECORD - AXIS CONDITIONS - Con.</u>
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. 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/place 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 and Technology (NIST) 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/place.

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 Codes						FIPS Codes					
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				
St	Cnty	P/MSA	M/NM	City P/S Area Names	St	Cnty	P/S	P/MSA	Place
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	Lamar	075	6		0000	
	039	094	1	Lauderdale	077	4		2650	
				016 5 Florence					26896
				999 9 Balance of county					99999
	040	072	1	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	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	Marengo	091	6		0000	
	047	000	2	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	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	Perry	105	6		0000	
	054	000	2	Pickens	107	6		0000	
	055	000	2	Pike	109	5		0000	
				043 6 Troy					76920
				999 9 Balance of county					99999
	056	000	2	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	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	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 Geographic Code Outline For The United States
 Effective With 1996 Data.

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			Washington		129	6	0000	
	066	000	2			Wilcox		131	6	0000	
	067	000	2			Winston		133	6	0000	

Vital Statistics Geographic Code Outline For The United States
Effective With 1996 Data.

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

Vital Statistics Codes				Area Names		FIPS Codes			Place	
St	Cnty	P/MSA	M/NM	City	P/S	St	Cnty	P/S	P/MSA	Place
05				California		06				
	050			Stanislaus, con.			099	2	5170	
				160	3					48354
				178	6					52694
				283	5					80812
				999	9					99999
	051	310	1	Sutter			101	4	9340	
				305	5					86972
				999	9					99999
	052	000	2	Tehama			103	5	0000	
				211	6					59892
				999	9					99999
	053	000	2	Trinity			105	6	0000	
	054	294	1	Tulare			107	2	8780	
				069	6					19318
				206	5					58240
				282	5					80644
				292	4					82954
				999	9					99999
	055	000	2	Tuolumne			109	5	0000	
	056	291	1	Ventura			111	1	8735	
				033	4					10046
				085	6					24092
				166	5					49138
				185	3					54652
				207	6					58296
				230	4					65042
				258	5					70042
				266	3					72016
				279	3					78582
				999	9					99999
	057	307	1	Yolo			113	3	9270	
				065	5					18100
				301	5					84816
				303	5					86328
				999	9					99999
	058	310	1	Yuba			115	4	9340	
				152	6					46170
				999	9					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	Arvada, part				03455
			002	Aurora, part				04000
			004	Brighton, part				08675
			005	Broomfield, part				09280
			008	Commerce City				16495
			023	Northglenn				54330
			026	Thornton				77290
			027	Westminster, part				83835
			999	Balance of county				99999
	002	000	2	Alamosa		003	6	0000
	003	074	1	Arapahoe		005	2	2080
			002	Aurora, part				04000
			011	Englewood				24785
			019	Littleton, part				45255
			999	Balance of county				99999
	004	000	2	Archuleta		007	6	0000
	005	000	2	Baca		009	6	0000
	006	000	2	Bent		011	6	0000
	007	038	1	Boulder		013	3	1125
			003	Boulder				07850
			005	Broomfield, part				09280
			017	Lafayette				41835
			020	Longmont				45970
			021	Louisville				46355
			999	Balance of county				99999
	008	000	2	Chaffee		015	6	0000
	009	000	2	Cheyenne		017	6	0000
	010	000	2	Clear Creek		019	6	0000
	011	000	2	Conejos		021	6	0000
	012	000	2	Costilla		023	6	0000
	013	000	2	Crowley		025	6	0000
	014	000	2	Custer		027	6	0000
	015	000	2	Delta		029	6	0000
	016	074	1	Denver, coext. with Denver city		031	2	2080
	017	000	2	Dolores		033	6	0000
	018	074	1	Douglas		035	4	2080
			002	Aurora, part				04000
			019	Littleton, part				45255
			999	Balance of county				99999
	019	000	2	Eagle		037	6	0000
	020	000	2	Elbert		039	6	0000
	021	060	1	El Paso		041	2	1720
			007	Colorado Springs				16000
			013	Fountain				27865
			999	Balance of county				99999
	022	000	2	Fremont		043	5	0000
			006	Canon City				11810
			999	Balance of county				99999
	023	000	2	Garfield		045	5	0000
	024	000	2	Gilpin		047	6	0000
	025	000	2	Grand		049	6	0000
	026	000	2	Gunnison		051	6	0000
	027	000	2	Hinsdale		053	6	0000
	028	000	2	Huerfano		055	6	0000
	029	000	2	Jackson		057	6	0000
	030	074	1	Jefferson		059	2	2080
			001	Arvada, part				03455
			005	Broomfield, part				09280
			014	Golden				30835
			018	Lakewood				43000
			027	Westminster, part				83835
			028	Wheat Ridge				84440
			999	Balance of county				99999
	031	000	2	Kiowa		061	6	0000
	032	000	2	Kit Carson		063	6	0000
	033	000	2	Lake		065	6	0000
	034	000	2	La Plata		067	5	0000
			010	Durango				22035
			999	Balance of county				99999
	035	096	1	Larimer		069	3	2670
			012	Fort Collins				27425
			022	Loveland				46465
			999	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	Duray		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 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	Gainesville				25175
				999	Balance of county				99999
	002	000	2	999	Baker	003	6	0000	
	003	210	1		Bay	005	3	6015	
				009	Callaway				09725
				080	Panama City				54700
				999	Balance of county				99999
	004	000	2	999	Bradford	007	6	0000	
	005	177	1		Brevard	009	2	4900	
				013	Cocoa				13150
				014	Cocoa Beach				13175
				055	Melbourne				43975
				078	Palm Bay				54000
				091	Rockledge				61500
				110	Titusville				71900
				999	Balance of county				99999
	006	097	1		Broward	011	0	2680	
				015	Coconut Creek				13275
				016	Cooper City				14125
				018	Coral Springs				14400
				019	Dania				16325
				020	Davie				16475
				022	Deerfield Beach				16725
				028	Fort Lauderdale				24000
				036	Hallandale				28450
				039	Hollywood				32000
				049	Lauderdale Lakes				39525
				050	Lauderhill				39550
				052	Lighthouse Point				40450
				054	Margate				43125
				060	Miramar				45975
				065	North Lauderdale				49425
				070	Oakland Park				50575
				081	Pembroke Pines				55775
				084	Plantation				57425
				086	Pompano Beach				58050
				103	Sunrise				69700
				106	Tamarac				70675
				114	Wilton Manors				78000
				999	Balance of county				99999
	007	000	2	999	Calhoun	013	6	0000	
	008	224	1		Charlotte	015	3	6580	
				089	Punta Gorda				59200
				999	Balance of county				99999
	009	000	2	999	Citrus	017	4	0000	
	010	135	1	999	Clay	019	3	3600	
	011	191	1		Collier	021	3	5345	
				061	Naples				47625
				999	Balance of county				99999
	012	000	2	999	Columbia	023	5	0000	
	013	180	1		Dade	025	0	5000	
				017	Coral Gables				14250
				037	Hialeah				30000
				040	Homestead				32275
				056	Miami				45000
				057	Miami Beach				45025
				058	Miami Shores				45175
				059	Miami Springs				45200
				066	North Miami				49450
				067	North Miami Beach				49475
				073	Opa-locka				51650
				101	South Miami				67550
				104	Sweetwater				70275
				999	Balance of county				99999
	014	000	2	999	De Soto	027	6	0000	
	015	000	2	999	Dixie	029	6	0000	
	016	135	1		Duval	031	1	3600	
				003	Atlantic Beach				02400
				041	Jacksonville				35000
				042	Jacksonville Beach				35050
				999	Balance of county				99999
	017	212	1		Escambia	033	2	6080	
				082	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			999	9 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			Bartholomew	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			016	6	De Kalb, con.		089	1	0520	
				999	9	Decatur					22052
				999	9	Balance of county					99999
	045	000	2	999	9	Dodge		091	6	0000	
	046	000	2	999	9	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	999	9	Early		099	6	0000	
	050	000	2	999	9	Echols		101	6	0000	
	051	258	1	999	9	Effingham		103	5	7520	
	052	000	2	999	9	Elbert		105	6	0000	
	053	000	2	999	9	Emanuel		107	6	0000	
	054	000	2	999	9	Evans		109	6	0000	
	055	000	2	999	9	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	999	9	Forsyth		117	5	0520	
	059	000	2	999	9	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	999	9	Gilmer		123	6	0000	
	062	000	2	999	9	Glascocock		125	6	0000	
	063	000	2			Glynn		127	4	0000	
				008	6	Brunswick					11560
				999	9	Balance of county					99999
	064	000	2	999	9	Gordon		129	5	0000	
	065	000	2	999	9	Grady		131	6	0000	
	066	000	2	999	9	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	999	9	Habersham		137	5	0000	
	069	000	2			Hall		139	4	0000	
				022	6	Gainesville					31908
				999	9	Balance of county					99999
	070	000	2	999	9	Hancock		141	6	0000	
	071	000	2	999	9	Haralson		143	6	0000	
	072	063	1	999	9	Harris		145	6	1800	
	073	000	2	999	9	Hart		147	6	0000	
	074	000	2	999	9	Heard		149	6	0000	
	075	016	1	999	9	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	999	9	Irwin		155	6	0000	
	078	000	2	999	9	Jackson		157	5	0000	
	079	000	2	999	9	Jasper		159	6	0000	
	080	000	2	999	9	Jeff Davis		161	6	0000	
	081	000	2	999	9	Jefferson		163	6	0000	
	082	000	2	999	9	Jenkins		165	6	0000	
	083	000	2	999	9	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	999	9	Lamar		171	6	0000	
	086	000	2	999	9	Lanier		173	6	0000	
	087	000	2			Laurens		175	5	0000	
				019	6	Dublin					24376
				999	9	Balance of county					99999
	088	003	1	999	9	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				14650
				999	9				99999
	002	125	1		Honolulu	003	1	3320	
				001	6				07450
				003	2				17000
				005	5				23150
				006	5				28250
				007	5				51050
				008	5				62600
				009	6				69050
				010	6				72650
				012	5				79700
				999	9				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				22700
				011	6				77450
				999	9				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	999	9	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	999	9	Bear Lake	007	6	0000	
005	000	2	999	9	Benewah	009	6	0000	
006	000	2	999	9	Bingham	011	5	0000	
007	000	2	999	9	Blaine	013	6	0000	
008	000	2	999	9	Boise	015	6	0000	
009	000	2	999	9	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	999	9	Boundary	021	6	0000	
012	000	2	999	9	Butte	023	6	0000	
013	000	2	999	9	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	999	9	Caribou	029	6	0000	
016	000	2	999	9	Cassia	031	6	0000	
017	000	2	999	9	Clark	033	6	0000	
018	000	2	999	9	Clearwater	035	6	0000	
019	000	2	999	9	Custer	037	6	0000	
020	000	2	999	9	Elmore	039	6	0000	
021	000	2	999	9	Franklin	041	6	0000	
022	000	2	999	9	Fremont	043	6	0000	
023	000	2	999	9	Gem	045	6	0000	
024	000	2	999	9	Gooding	047	6	0000	
025	000	2	999	9	Idaho	049	6	0000	
026	000	2	999	9	Jefferson	051	6	0000	
027	000	2	999	9	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	999	9	Lemhi	059	6	0000	
031	000	2	999	9	Lewis	061	6	0000	
032	000	2	999	9	Lincoln	063	6	0000	
033	000	2			Madison	065	6	0000	
			009	6	Rexburg				67420
			999	9	Balance of county				99999
034	000	2	999	9	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	999	9	Oneida	071	6	0000	
037	000	2	999	9	Owyhee	073	6	0000	
038	000	2	999	9	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	999	9	Shoshone	079	6	0000	
041	000	2	999	9	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	999	9	Valley	085	6	0000	
044	000	2	999	9	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 Bloomingdale 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	Wood Dale				82985
			175 5	Woodridge village, part				83245
			999 9	Balance of county				99999
	023 000	2	999 9	Edgar	045	6	0000	
	024 000	2	999 9	Edwards	047	6	0000	
	025 000	2	999 9	Effingham	049	5	0000	
			056 6	Effingham				22736
			999 9	Balance of county				99999
	026 000	2	999 9	Fayette	051	6	0000	
	027 000	2	999 9	Ford	053	6	0000	
	028 000	2	999 9	Franklin	055	5	0000	
	029 000	2	999 9	Fulton	057	5	0000	
			026 6	Canton				11007
			999 9	Balance of county				99999
	030 000	2	999 9	Gallatin	059	6	0000	
	031 000	2	999 9	Greene	061	6	0000	
	032 055	1	999 9	Grundy	063	5	1600	
			110 6	Morris				50491
			999 9	Balance of county				99999
	033 000	2	999 9	Hamilton	065	6	0000	
	034 000	2	999 9	Hancock	067	6	0000	
	035 000	2	999 9	Hardin	069	6	0000	
	036 000	2	999 9	Henderson	071	6	0000	
	037 069	1	999 9	Henry	073	4	1960	
			087 6	Kewanee				39727
			999 9	Balance of county				99999
	038 000	2	999 9	Iroquois	075	5	0000	
	039 000	2	999 9	Jackson	077	4	0000	
			027 5	Carbondale				11163
			999 9	Balance of county				99999
	040 000	2	999 9	Jasper	079	6	0000	
	041 000	2	999 9	Jefferson	081	5	0000	
			114 6	Mount Vernon				51180
			999 9	Balance of county				99999
	042 243	1	999 9	Jersey	083	6	7040	
	043 000	2	999 9	Jo Daviess	085	6	0000	
	044 000	2	999 9	Johnson	087	6	0000	
	045 055	1	999 9	Kane	089	2	1600	
			002 6	Algonquin village, part				00685
			006 4	Aurora, part				03012
			007 6	Bartlett village, part				04013
			008 6	Batavia, part				04078
			029 6	Carpentersville village				11358
			057 4	Elgin, part				23074
			068 6	Geneva				28872
			149 6	St. Charles, part				66703
			999 9	Balance of county				99999
	046 144	1	999 9	Kankakee	091	4	3740	
			018 6	Bourbonnais village				07471
			019 6	Bradley village				07744
			086 5	Kankakee				38934
			999 9	Balance of county				99999
	047 055	1	999 9	Kendall	093	5	1600	
	048 000	2	999 9	Knox	095	4	0000	
			067 5	Galesburg				28326
			999 9	Balance of county				99999
	049 055	1	999 9	Lake	097	1	1600	
			022 5	Buffalo Grove village, part				09447
			046 6	Deerfield village, part				18992
			073 6	Gurnee village				32018
			079 5	Highland Park				34722
			090 6	Lake Forest				41105
			091 6	Lake Zurich village				41742
			093 6	Libertyville village				43250
			115 6	Mundelein village				51349
			121 5	North Chicago				53559
			148 6	Round Lake Beach village				66040
			161 6	Vernon Hills village				77694
			165 4	Waukegan				79293
			171 5	Wheeling village, part				81087
			179 6	Zion				84220
			999 9	Balance of county				99999
	050 000	2	999 9	La Salle	099	3	0000	
			128 6	Ottawa				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	999	9	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	999	9	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	999	9	Marshall	123	6		0000	
	063	000	2	999	9	Mason	125	6		0000	
	064	000	2	999	9	Massac	127	6		0000	
	065	269	1	999	9	Menard	129	6		7880	
	066	000	2	999	9	Mercer	131	6		0000	
	067	243	1	999	9	Monroe	133	6		7040	
	068	000	2	999	9	Montgomery	135	5		0000	
	069	000	2			Morgan	137	5		0000	
				083	6	Jacksonville					38115
				999	9	Balance of county					99999
	070	000	2	999	9	Moultrie	139	6		0000	
	071	237	1	999	9	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	999	9	Perry	145	6		0000	
	074	000	2	999	9	Piatt	147	6		0000	
	075	000	2	999	9	Pike	149	6		0000	
	076	000	2	999	9	Pope	151	6		0000	
	077	000	2	999	9	Pulaski	153	6		0000	
	078	000	2	999	9	Putnam	155	6		0000	
	079	000	2	999	9	Randolph	157	5		0000	
	080	000	2	999	9	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 1996 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	999	9	Worth		195	6	0000	
	099	000	2	999	9	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	Olathe				52575
			026	Overland Park				53775
			029	Prairie Village				57575
			031	Shawnee				64500
			999	Balance of county				99999
047	000	2	999	Kearny	093	6	0000	
048	000	2	999	Kingman	095	6	0000	
049	000	2	999	Kiowa	097	6	0000	
050	000	2		Labette	099	6	0000	
			027	Parsons				54675
			999	Balance of county				99999
051	000	2	999	Lane	101	6	0000	
052	145	1		Leavenworth	103	4	3760	
			016	Leavenworth				39000
			999	Balance of county				99999
053	000	2	999	Lincoln	105	6	0000	
054	000	2	999	Linn	107	6	0000	
055	000	2	999	Logan	109	6	0000	
056	000	2		Lyon	111	5	0000	
			007	Emporia				21275
			999	Balance of county				99999
057	000	2		McPherson	113	5	0000	
			020	McPherson				43950
			999	Balance of county				99999
058	000	2	999	Marion	115	6	0000	
059	000	2	999	Marshall	117	6	0000	
060	000	2	999	Meade	119	6	0000	
061	145	1	999	Miami	121	6	3760	
062	000	2	999	Mitchell	123	6	0000	
063	000	2		Montgomery	125	5	0000	
			003	Coffeyville				14600
			012	Independence				33875
			999	Balance of county				99999
064	000	2	999	Morris	127	6	0000	
065	000	2	999	Morton	129	6	0000	
066	000	2	999	Nemaha	131	6	0000	
067	000	2	999	Neosho	133	6	0000	
068	000	2	999	Ness	135	6	0000	
069	000	2	999	Norton	137	6	0000	
070	000	2	999	Osage	139	6	0000	
071	000	2	999	Osborne	141	6	0000	
072	000	2	999	Ottawa	143	6	0000	
073	000	2	999	Pawnee	145	6	0000	
074	000	2	999	Phillips	147	6	0000	
075	000	2		Pottawatomie	149	6	0000	
			021	Manhattan, part				44250
			999	Balance of county				99999
076	000	2	999	Pratt	151	6	0000	
077	000	2	999	Rawlins	153	6	0000	
078	000	2		Reno	155	4	0000	
			011	Hutchinson				33625
			999	Balance of county				99999
079	000	2	999	Republic	157	6	0000	
080	000	2	999	Rice	159	6	0000	
081	000	2		Riley	161	4	0000	
			021	Manhattan, part				44250
			999	Balance of county				99999
082	000	2	999	Rooks	163	6	0000	
083	000	2	999	Rush	165	6	0000	
084	000	2	999	Russell	167	6	0000	
085	000	2		Saline	169	5	0000	
			030	Salina				62700
			999	Balance of county				99999
086	000	2	999	Scott	171	6	0000	
087	301	1		Sedgwick	173	2	9040	
			004	Derby				17800
			033	Wichita				79000
			999	Balance of county				99999
088	000	2		Seward	175	6	0000	
			019	Liberal				39825
			999	Balance of county				99999
089	283	1		Shawnee	177	3	8440	
			032	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 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 Geographic Code Outline For The United States
Effective With 1996 Data.

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	003 1	Baltimore city	510	1	0720	04000
005	296	1	999 9	Calvert	009	4	8840	
006	000	2	999 9	Caroline	011	5	0000	
007	021	1		Carroll	013	3	0720	
			018 6	Westminster				83100
			999 9	Balance of county				99999
008	304	1	999 9	Cecil	015	4	9160	
009	296	1	999 9	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	999 9	Garrett	023	5	0000	
013	021	1		Harford	025	3	0720	
			001 6	Aberdeen				00125
			999 9	Balance of county				99999
014	021	1	999 9	Howard	027	3	0720	
015	000	2	999 9	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	999 9	Queen Anne's	035	5	0720	
019	000	2	999 9	St. Mary's	037	4	0000	
020	000	2	999 9	Somerset	039	6	0000	
021	000	2	999 9	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	999 9	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					99999
	002	218	1			Berkshire		003	3	6323	
				062	6	North Adams					46225
				067	5	Pittsfield					53960
				999	9	Balance of county					99999
	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					99999
	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					99999
	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					99999
	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					99999
	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	999	9 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	Jackson					41420
				999	Balance of county					99999
	039	143	1		Kalamazoo		077	3	3720	
				054	Kalamazoo					42160
				055	Kalamazoo township					42180
				079	Portage					65560
				999	Balance of county					99999
	040	000	2	999	Kalkaska		079	6	0000	
	041	112	1		Kent		081	1	3000	
				027	East Grand Rapids					23980
				041	Grand Rapids					34000
				042	Grandville					34160
				056	Kentwood					42820
				101	Walker					82960
				109	Wyoming					88940
				999	Balance of county					99999
	042	000	2	999	Keweenaw		083	6	0000	
	043	000	2	999	Lake		085	6	0000	
	044	076	1	999	Lapeer		087	4	2160	
	045	000	2		Leelanau		089	6	0000	
				098	Traverse City, part					80340
				999	Balance of county					99999
	046	011	1		Lenawee		091	4	0440	
				001	Adrian					00440
				999	Balance of county					99999
	047	011	1	999	Livingston		093	3	0440	
	048	000	2	999	Luce		095	6	0000	
	049	000	2	999	Mackinac		097	6	0000	
	050	076	1		Macomb		099	1	2160	
				019	Chesterfield township					15340
				021	Clinton township					16520
				026	East Detroit					23920
				036	Fraser					30420
				048	Harrison township					36820
				066	Mount Clemens					55820
				086	Roseville					69800
				090	St. Clair Shores					70760
				092	Shelby township					72820
				095	Sterling Heights					76460
				102	Warren					84000
				999	Balance of county					99999
	051	000	2	999	Manistee		101	6	0000	
	052	000	2		Marquette		103	4	0000	
				061	Marquette					51900
				999	Balance of county					99999
	053	000	2	999	Mason		105	5	0000	
	054	000	2		Mecosta		107	5	0000	
				013	Big Rapids					08300
				999	Balance of county					99999
	055	000	2	999	Menominee		109	6	0000	
	056	240	1		Midland		111	4	6960	
				064	Midland, part					53780
				999	Balance of county					99999
	057	000	2	999	Missaukee		113	6	0000	
	058	076	1		Monroe		115	3	2160	
				065	Monroe					55020
				999	Balance of county					99999
	059	000	2	999	Montcalm		117	4	0000	
	060	000	2	999	Montmorency		119	6	0000	
	061	112	1		Muskegon		121	3	3000	
				069	Muskegon					56320
				070	Muskegon Heights					56360
				073	Norton Shores					59140
				999	Balance of county					99999
	062	000	2	999	Newaygo		123	5	0000	
	063	076	1		Oakland		125	0	2160	
				006	Auburn Hills					04105
				011	Berkley					07660
				012	Beverly Hills village					08160
				014	Birmingham					08640
				015	Bloomfield township					09100
				020	Clawson					16160
				031	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					27440
				033	5					27880
				049	6					37420
				060	5					50560
				074	5					59440
				075	5					59920
				078	4					65440
				084	4					69035
				087	4					70040
				093	4					74900
				100	4					80700
				103	4					84240
				105	4					85490
				999	9					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 1996 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					74960
				097	4					79000
				099	6					80420
				104	6					84940
				106	4					86000
				107	6					88380
				108	5					88900
				999	9					99999
	083	000	2		Wexford		165	5	0000	
				017	6					12320
				999	9					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	999	9 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	999	9 Lyon	083	6	0000
				040	6 Marshall			40688
				999	9 Balance of county			99999
	043	000	2	999	9 McLeod	085	5	0000
				034	6 Hutchinson			30644
				999	9 Balance of county			99999
	044	000	2	999	9 Mahnomon	087	6	0000
	045	000	2	999	9 Marshall	089	6	0000
	046	000	2	999	9 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	999	9 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	999	9 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	999	9 Olmsted	109	3	6820
				059	4 Rochester			54880
				999	9 Balance of county			99999
	056	000	2	999	9 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	999	9 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	999 9	Red Lake	125	6	0000	
064	000	2	999 9	Redwood	127	6	0000	
065	000	2	999 9	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	999 9	Rock	133	6	0000	
068	000	2	999 9	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	999 9	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	999 9	Stevens	149	6	0000	
076	000	2	999 9	Swift	151	6	0000	
077	000	2	999 9	Todd	153	6	0000	
078	000	2	999 9	Traverse	155	6	0000	
079	000	2	999 9	Wabasha	157	6	0000	
080	000	2	999 9	Wadena	159	6	0000	
081	000	2	999 9	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	999 9	Watonwan	165	6	0000	
084	000	2	999 9	Wilkin	167	6	0000	
085	000	2		Winona	169	5	0000	
			072 5	Winona				71032
			999 9	Balance of county				99999
086	183	1	999 9	Wright	171	4	5120	
087	000	2	999 9	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	999	9	Marion		091	5	0000	
	047	000	2	999	9	Marshall		093	5	0000	
	048	000	2	999	9	Monroe		095	5	0000	
	049	000	2	999	9	Montgomery		097	6	0000	
	050	000	2	999	9	Neshoba		099	6	0000	
	051	000	2	999	9	Newton		101	6	0000	
	052	000	2	999	9	Noxubee		103	6	0000	
	053	000	2			Oktibbeha		105	5	0000	
				031	6	Starkville					70240
				999	9	Balance of county					99999
	054	000	2	999	9	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	999	9	Perry		111	6	0000	
	057	000	2			Pike		113	5	0000	
				020	6	McComb					43280
				999	9	Balance of county					99999
	058	000	2	999	9	Pontotoc		115	6	0000	
	059	000	2	999	9	Prentiss		117	6	0000	
	060	000	2	999	9	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	999	9	Scott		123	6	0000	
	063	000	2	999	9	Sharkey		125	6	0000	
	064	000	2	999	9	Simpson		127	6	0000	
	065	000	2	999	9	Smith		129	6	0000	
	066	000	2	999	9	Stone		131	6	0000	
	067	000	2			Sunflower		133	5	0000	
				016	6	Indianola					34740
				999	9	Balance of county					99999
	068	000	2	999	9	Tallahatchie		135	6	0000	
	069	000	2	999	9	Tate		137	6	0000	
	070	000	2	999	9	Tippah		139	6	0000	
	071	000	2	999	9	Tishomingo		141	6	0000	
	072	000	2	999	9	Tunica		143	6	0000	
	073	000	2	999	9	Union		145	6	0000	
	074	000	2	999	9	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	999	9	Wayne		153	6	0000	
	078	000	2	999	9	Webster		155	6	0000	
	079	000	2	999	9	Wilkinson		157	6	0000	
	080	000	2	999	9	Winston		159	6	0000	
	081	000	2	999	9	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	999	9	Andrew		003	6	7000	
	003	000	2	999	9	Atchison		005	6	0000	
	004	000	2			Audrain		007	6	0000	
				037	6	Mexico					47648
				999	9	Balance of county					99999
	005	000	2	999	9	Barry		009	5	0000	
	006	000	2	999	9	Barton		011	6	0000	
	007	000	2	999	9	Bates		013	6	0000	
	008	000	2	999	9	Benton		015	6	0000	
	009	000	2	999	9	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	999	9	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	999	9	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	999	9	Carroll		033	6	0000	
	018	000	2	999	9	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	999	9	Cedar		039	6	0000	
	021	000	2	999	9	Chariton		041	6	0000	
	022	270	1	999	9	Christian		043	5	7920	
	023	000	2	999	9	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	999	9	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	999	9	Cooper		053	6	0000	
	028	000	2	999	9	Crawford		055	6	0000	
	029	000	2	999	9	Dade		057	6	0000	
	030	000	2	999	9	Dallas		059	6	0000	
	031	000	2	999	9	Daviess		061	6	0000	
	032	000	2	999	9	De Kalb		063	6	0000	
	033	000	2	999	9	Dent		065	6	0000	
	034	000	2	999	9	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	999	9	Gasconade		073	6	0000	
	038	000	2	999	9	Gentry		075	6	0000	
	039	270	1			Greene		077	3	7920	
				052	3	Springfield					70000
				999	9	Balance of county					99999
	040	000	2	999	9	Grundy		079	6	0000	
	041	000	2	999	9	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	048	2	St. Louis city	510	2	7040		65000
	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	999 9	Cascade	013	4	3040	
				005 4	Great Falls				
				999 9	Balance of county			32800 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	
	013	000	2	999 9	Fallon	025	6	0000	
	014	000	2	999 9	Fergus	027	6	0000	
	015	000	2	999 9	Flathead	029	4	0000	
				008 6	Kalispell			40075 99999	
				999 9	Balance of county				
	016	000	2	999 9	Gallatin	031	4	0000	
				003 6	Bozeman			08950 99999	
				999 9	Balance of county				
	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	999 9	Hill	041	6	0000	
				006 6	Havre			35050 99999	
				999 9	Balance of county				
	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	999 9	Lewis and Clark	049	5	0000	
				007 6	Helena			35600 99999	
				999 9	Balance of county				
	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	999 9	Missoula	063	4	0000	
				009 5	Missoula			50200 99999	
				999 9	Balance of county				
	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	999 9	Silver Bow	093	5	0000	
				004 5	Butte-Silver Bow			11390 99999	
				999 9	Balance of county				
	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	999 9	Yellowstone	111	3	0880	
				002 4	Billings			06550 99999	
				999 9	Balance of county				
	057	000	2	999 9	Yellowstone National Park	113	6	0000	

Vital Statistics Codes				FIPS Codes				Place	
St Cnty	P/MSA	M/NM	City	P/S	Area Names	St Cnty	P/S		P/MSA
28					Nebraska	31			
	001	000	2		Adams	001	5	0000	
				006	6	Hastings			21415
				999	9	Balance of county			99999
	002	000	2	999	9	Antelope	003	6	0000
	003	000	2	999	9	Arthur	005	6	0000
	004	000	2	999	9	Banner	007	6	0000
	005	000	2	999	9	Blaine	009	6	0000
	006	000	2	999	9	Boone	011	6	0000
	007	000	2	999	9	Box Butte	013	6	0000
	008	000	2	999	9	Boyd	015	6	0000
	009	000	2	999	9	Brown	017	6	0000
	010	000	2			Buffalo	019	5	0000
				007	6	Kearney			25055
				999	9	Balance of county			99999
	011	000	2	999	9	Burt	021	6	0000
	012	000	2	999	9	Butler	023	6	0000
	013	206	1	999	9	Cass	025	6	5920
	014	000	2	999	9	Cedar	027	6	0000
	015	000	2	999	9	Chase	029	6	0000
	016	000	2	999	9	Cherry	031	6	0000
	017	000	2	999	9	Cheyenne	033	6	0000
	018	000	2	999	9	Clay	035	6	0000
	019	000	2	999	9	Colfax	037	6	0000
	020	000	2	999	9	Cuming	039	6	0000
	021	000	2	999	9	Custer	041	6	0000
	022	265	1	999	9	Dakota	043	6	7720
	023	000	2	999	9	Dawes	045	6	0000
	024	000	2	999	9	Dawson	047	6	0000
	025	000	2	999	9	Deuel	049	6	0000
	026	000	2	999	9	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	999	9	Dundy	057	6	0000
	030	000	2	999	9	Fillmore	059	6	0000
	031	000	2	999	9	Franklin	061	6	0000
	032	000	2	999	9	Frontier	063	6	0000
	033	000	2	999	9	Furnas	065	6	0000
	034	000	2			Gage	067	6	0000
				001	6	Beatrice			03390
				999	9	Balance of county			99999
	035	000	2	999	9	Garden	069	6	0000
	036	000	2	999	9	Garfield	071	6	0000
	037	000	2	999	9	Gosper	073	6	0000
	038	000	2	999	9	Grant	075	6	0000
	039	000	2	999	9	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	999	9	Hamilton	081	6	0000
	042	000	2	999	9	Harlan	083	6	0000
	043	000	2	999	9	Hayes	085	6	0000
	044	000	2	999	9	Hitchcock	087	6	0000
	045	000	2	999	9	Holt	089	6	0000
	046	000	2	999	9	Hooker	091	6	0000
	047	000	2	999	9	Howard	093	6	0000
	048	000	2	999	9	Jefferson	095	6	0000
	049	000	2	999	9	Johnson	097	6	0000
	050	000	2	999	9	Kearney	099	6	0000
	051	000	2	999	9	Keith	101	6	0000
	052	000	2	999	9	Keya Paha	103	6	0000
	053	000	2	999	9	Kimball	105	6	0000
	054	000	2	999	9	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	999	9	Logan	113	6	0000
	058	000	2	999	9	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	999	9	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				Place
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 Ridgely 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			Place
St	Cnty	P/MSA M/NM	City	P/S	Area Names		St Cnty P/S P/MSA
31					New Jersey	34
	013				Monmouth, con.	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			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			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			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			Salem	033 4 6160
	018	181			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			Sussex	037 3 5640
			067	6	Hopatcong borough	32910
			999	9	Balance of county	99999
	020	198			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			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	999 9	Catron	003	6	0000	
003	000	2		Chaves	005	4	0000	
			014 5	Roswell				64930
			999 9	Balance of county				99999
004	000	2	999 9	Cibola	006	6	0000	
005	000	2	999 9	Colfax	007	6	0000	
006	000	2		Curry	009	5	0000	
			005 5	Clovis				16420
			999 9	Balance of county				99999
007	000	2	999 9	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	999 9	Guadalupe	019	6	0000	
012	000	2	999 9	Harding	021	6	0000	
013	000	2	999 9	Hidalgo	023	6	0000	
014	000	2		Lea	025	4	0000	
			009 5	Hobbs				32520
			999 9	Balance of county				99999
015	000	2	999 9	Lincoln	027	6	0000	
016	255	1	999 9	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	999 9	Mora	033	6	0000	
020	000	2		Otero	035	4	0000	
			001 5	Alamogordo				01780
			999 9	Balance of county				99999
021	000	2	999 9	Quay	037	6	0000	
022	000	2	999 9	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	Farmington				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	999 9	Sierra	051	6	0000	
029	000	2	999 9	Socorro	053	6	0000	
030	000	2	999 9	Taos	055	6	0000	
031	000	2	999 9	Torrance	057	6	0000	
032	000	2	999 9	Union	059	6	0000	
033	005	1	999 9	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	999	9	Chenango		017	4	0000	
	009	000	2			Clinton		019	4	0000	
				073	6	Plattsburgh					58574
				999	9	Balance of county					99999
	010	000	2	999	9	Columbia		021	4	0000	
	011	000	2			Cortland		023	5	0000	
				019	6	Cortland					18388
				999	9	Balance of county					99999
	012	000	2	999	9	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	999	9	Essex		031	5	0000	
	016	000	2	999	9	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	999	9	Greene		039	5	0000	
	020	000	2	999	9	Hamilton		041	6	0000	
	021	289	1	999	9	Herkimer		043	4	8680	
	022	000	2			Jefferson		045	3	0000	
				096	5	Watertown					78608
				999	9	Balance of county					99999
	023	000	2	999	9	Lewis		049	5	0000	
	024	236	1	999	9	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 Henrietta town				34099
			040	4 Irondequoit town				37226
			072	5 Penfield town				57144
			078	3 Rochester				63000
			999	9 Balance of county				99999
	027	004	1	Montgomery	057	4	0160	
			002	6 Amsterdam				02066
			999	9 Balance of county				99999
	028	193	1	Nassau	059	0	5380	
			022	6 East Rockaway village				22876
			025	6 Floral Park village				26264
			027	5 Freeport village				27485
			029	6 Garden City village				28178
			032	6 Glen Cove				29113
			038	5 Hempstead village				33139
			050	5 Long Beach				43335
			051	6 Lynbrook village				43874
			054	6 Massapequa Park village				45997
			057	6 Mineola village				47636
			079	6 Rockville Centre village				63264
			094	5 Valley Stream village				76705
			098	6 Westbury village				79444
			999	9 Balance of county				99999
	029	197	1	New York city			5600	51000
			010	0 Bronx borough, Bronx county	005	0		
			011	0 Brooklyn borough, Kings county	047	0		
			053	0 Manhattan borough, New York county	061	0		
			077	0 Queens borough, Queens county	081	0		
			087	0 Staten Island borough, Richmond county	085	0		
	030	043	1	Niagara	063	3	1280	
			049	6 Lockport				43082
			061	4 Niagara Falls				51055
			063	5 North Tonawanda				53682
			999	9 Balance of county				99999
	031	289	1	Oneida	065	2	8680	
			080	5 Rome				63418
			093	4 Utica				76540
			999	9 Balance of county				99999
	032	276	1	Onondaga	067	2	8160	
			089	3 Syracuse				73000
			999	9 Balance of county				99999
	033	236	1	Ontario	069	4	6840	
			013	6 Canandaigua				12144
			031	6 Geneva, part				28640
			999	9 Balance of county				99999
	034	199	1	Orange	071	2	5660	
			056	6 Middletown				47042
			059	5 Newburgh				50034
			999	9 Balance of county				99999
	035	236	1	Orleans	073	5	6840	
	036	276	1	Oswego	075	3	8160	
			028	6 Fulton				27815
			069	6 Oswego				55574
			999	9 Balance of county				99999
	037	000	2	Otsego	077	4	0000	
			067	6 Oneonta				54881
			999	9 Balance of county				99999
	038	197	1	Putnam	079	4	5600	
			014	5 Carmel town				12529
			999	9 Balance of county				99999
	039	004	1	Rensselaer	083	3	0160	
			092	4 Troy				75484
			999	9 Balance of county				99999
	040	197	1	Rockland	087	2	5600	
			086	6 Spring Valley village				70420
			088	6 Suffern village				71894
			999	9 Balance of county				99999
	041	000	2	St. Lawrence	089	3	0000	
			055	6 Massena village				46019
			064	6 Ogdensburg				54485
			075	6 Potsdam village				59564
			999	9 Balance of county				99999
	042	004	1	Saratoga	091	3	0160	
			016	5 Clifton Park town				16353

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		Seneca	099	5	0000	
			031 6	Geneva, part				28640
			999 9	Balance of county				99999
047	000	2		Steuben	101	4	0000	
			018 6	Corning				18256
			999 9	Balance of county				99999
048	193	1		Suffolk	103	0	5380	
			004 6	Babylon village				03408
			048 5	Lindenhurst village				42554
			070 6	Patchogue village				56660
			999 9	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		Tompkins	109	4	0000	
			041 5	Ithaca				38077
			999 9	Balance of county				99999
052	000	2		Ulster	111	3	0000	
			045 6	Kingston				39727
			999 9	Balance of county				99999
053	109	1		Warren	113	4	2975	
			033 6	Glens Falls				29333
			999 9	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		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	Gates	073	6	0000	
	038	000	2	999	Graham	075	6	0000	
	039	000	2	999	Granville	077	5	0000	
	040	000	2	999	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	Harnett	085	4	0000	
	044	000	2	999	Haywood	087	5	0000	
	045	000	2	999	Henderson	089	4	0000	
	046	000	2	999	Hertford	091	6	0000	
	047	000	2	999	Hoke	093	6	0000	
	048	000	2	999	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	Jackson	099	5	0000	
	051	226	1	999	Johnston	101	4	6640	
	052	000	2	999	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	Lincoln	109	4	1520	
	056	000	2	999	McDowell	111	5	0000	
	057	000	2	999	Macon	113	6	0000	
	058	014	1	999	Madison	115	6	0480	
	059	000	2	999	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	Mitchell	121	6	0000	
	062	000	2	999	Montgomery	123	6	0000	
	063	000	2	999	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	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	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	Pender	141	5	0000	
	072	000	2	999	Perquimans	143	6	0000	
	073	000	2	999	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	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		Area Names	FIPS Codes			Place	
St	Cnty	P/MSA	M/NM	City		P/S	St	Cnty		P/S	P/MSA
35					North Dakota					38
	001	000	2	999	9		001	6	0000	
	002	000	2	999	9		003	6	0000	
	003	000	2	999	9		005	6	0000	
	004	000	2	999	9		007	6	0000	
	005	000	2	999	9		009	6	0000	
	006	000	2	999	9		011	6	0000	
	007	000	2	999	9		013	6	0000	
	008	033	1				015	4	1010	
				001	5					07200
				999	9					99999
	009	090	1				017	3	2520	
				003	4					25700
				008	6					84780
				999	9					99999
	010	000	2	999	9		019	6	0000	
	011	000	2	999	9		021	6	0000	
	012	000	2	999	9		023	6	0000	
	013	000	2	999	9		025	6	0000	
	014	000	2	999	9		027	6	0000	
	015	000	2	999	9		029	6	0000	
	016	000	2	999	9		031	6	0000	
	017	000	2	999	9		033	6	0000	
	018	111	1				035	4	2985	
				004	5					32060
				999	9					99999
	019	000	2	999	9		037	6	0000	
	020	000	2	999	9		039	6	0000	
	021	000	2	999	9		041	6	0000	
	022	000	2	999	9		043	6	0000	
	023	000	2	999	9		045	6	0000	
	024	000	2	999	9		047	6	0000	
	025	000	2	999	9		049	6	0000	
	026	000	2	999	9		051	6	0000	
	027	000	2	999	9		053	6	0000	
	028	000	2	999	9		055	6	0000	
	029	000	2	999	9		057	6	0000	
	030	033	1				059	6	1010	
				006	6					49900
				999	9					99999
	031	000	2	999	9		061	6	0000	
	032	000	2	999	9		063	6	0000	
	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	000	2	999	9		073	6	0000	
	038	000	2	999	9		075	6	0000	
	039	000	2	999	9		077	6	0000	
	040	000	2	999	9		079	6	0000	
	041	000	2	999	9		081	6	0000	
	042	000	2	999	9		083	6	0000	
	043	000	2	999	9		085	6	0000	
	044	000	2	999	9		087	6	0000	
	045	000	2				089	6	0000	
				002	6					19620
				999	9					99999
	046	000	2	999	9		091	6	0000	
	047	000	2				093	6	0000	
				005	6					40580
				999	9					99999
	048	000	2	999	9		095	6	0000	
	049	000	2	999	9		097	6	0000	
	050	000	2	999	9		099	6	0000	
	051	000	2				101	4	0000	
				007	5					53380
				999	9					99999
	052	000	2	999	9		103	6	0000	
	053	000	2				105	6	0000	
				009	6					86220
				999	9					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	999	9	Auglaize		011	5	4320	
	007	300	1	999	9	Belmont		013	4	9000	
	008	057	1	999	9	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	999	9	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	999	9	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	999 9	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	999 9	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	999 9	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	999 9	Carter	019	5	0000	
			003 6	Ardmore				02600
			999 9	Balance of county				99999
011	000	2	999 9	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	999 9	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	999 9	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	999 9	Creek	037	4	8560	
			030 6	Sapulpa				65400
			999 9	Balance of county				99999
020	000	2	999 9	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	999 9	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	999 9	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	999 9	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	999 9	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	999 9	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 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	Wilkinsburg 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	999	9	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	999	9	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	999	9	Fulton		057	6	0000	
	030	000	2	999	9	Greene		059	5	0000	
	031	000	2	999	9	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	999	9	Jefferson		065	5	0000	
	034	000	2	999	9	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				Lawrence, con.	073	4	0000	
			999	9	Balance of county				99999
	038	121	1		Lebanon	075	3	3240	
			056	6	Lebanon				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		Philadelphia, coext. with Philadelphia c	101	0	6160	60000
	052	199	1		Pike	103	5	5660	
	053	000	2		Potter	105	6	0000	
	054	000	2		Schuylkill	107	3	0000	
			098	6	Pottsville				62432
			999	9	Balance of county				99999
	055	000	2		Snyder	109	5	0000	
	056	141	1		Somerset	111	4	3680	
	057	000	2		Sullivan	113	6	0000	
	058	000	2		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 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 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 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			Mauzy	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				50820
			141	6				66128
			142	6				66644
			999	9				99999
095	000	2		Hale	189	5	0000	
			123	6				57980
			999	9				99999
096	000	2		Hall	191	6	0000	
097	000	2		Hamilton	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				06128
			017	6				07300
			040	5				19624
			059	6				27648
			061	6				27996
			075	0				35000
			076	6				35348
			090	5				41440
			092	5				41980
			108	5				48804
			119	3				56000
			120	6				56348
			146	6				69020
			169	6				77956
			999	9				99999
102	167	1		Harrison	203	4	4420	
			096	4				43888
			102	6				46776
			999	9				99999
103	000	2		Hartley	205	6	0000	
104	000	2		Haskell	207	6	0000	
105	019	1		Hays	209	4	0640	
			140	5				65600
			999	9				99999
106	000	2		Hemphill	211	6	0000	
107	067	1		Henderson	213	4	1920	
			009	6				04504
			999	9				99999
108	175	1		Hidalgo	215	2	4880	
			045	6				20884
			049	5				22660
			099	4				45384
			103	6				47700
			107	5				48768
			122	5				57200
			139	6				65516
			168	6				77272
			999	9				99999
109	000	2		Hill	217	5	0000	
110	000	2		Hockley	219	6	0000	
			093	6				42448
			999	9				99999
111	103	1		Hood	221	5	2800	
112	000	2		Hopkins	223	5	0000	
			149	6				70904
			999	9				99999
113	000	2		Houston	225	6	0000	
114	000	2		Howard	227	5	0000	
			020	6				08236
			999	9				99999
115	000	2		Hudspeth	229	6	0000	
116	067	1		Hunt	231	4	1920	
			068	6				30920
			999	9				99999
117	000	2		Hutchinson	233	5	0000	
			021	6				09556
			999	9				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			999 9	Matagorda, con.		321	5	0000	
					Balance of county					99999
	162	000	2	048 6	Maverick		323	5	0000	
				999 9	Eagle Pass					21892
				999 9	Balance of county					99999
	163	000	2	999 9	Medina		325	5	0000	
	164	000	2	999 9	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	999 9	Milam		331	6	0000	
	167	000	2	999 9	Mills		333	6	0000	
	168	000	2	999 9	Mitchell		335	6	0000	
	169	000	2	999 9	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	999 9	Morris		343	6	0000	
	173	000	2	999 9	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	999 9	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	999 9	Ochiltree		357	6	0000	
	180	000	2	999 9	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	999 9	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	999 9	Parmer		369	6	0000	
	186	000	2	999 9	Pecos		371	6	0000	
	187	000	2	999 9	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	999 9	Presidio		377	6	0000	
	190	000	2	999 9	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	999 9	Reagan		383	6	0000	
	193	000	2	999 9	Real		385	6	0000	
	194	000	2	999 9	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	999 9	Refugio		391	6	0000	
	197	000	2	999 9	Roberts		393	6	0000	
	198	000	2	999 9	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 Euless				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		Area Names	FIPS Codes			Place
St	Cnty	P/MSA	M/NM	City	P/S		St	Cnty	P/S		P/MSA
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 Geographic Code Outline For The United States
Effective With 1996 Data.

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		9 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		9 Brooke		009	5	8080	
				014	6 Weirton, part					85156
				999	9 Balance of county					99999
	006	128	1		9 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		9 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		9 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		9 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		9 Marion		049	4	0000	
				005	6 Fairmont					26452
				999	9 Balance of county					99999
	026	300	1		9 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		9 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		9 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		9 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		9 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 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	999	9	Marquette		077	6	0000	
	040	000	2	999	9	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	999	9	Monroe		081	5	0000	
	043	000	2	999	9	Oconto		083	5	0000	
	044	000	2	999	9	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	Mequon					51150
				999	9	Balance of county					99999
	047	000	2	999	9	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	999	9	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	999	9	Price		099	6	0000	
	052	225	1			Racine		101	3	6600	
				045	4	Racine					66000
				999	9	Balance of county					99999
	053	000	2	999	9	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	999	9	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	999	9	Sauk		111	5	0000	
	058	000	2	999	9	Sawyer		113	6	0000	
	059	000	2	999	9	Shawano		115	5	0000	
	060	262	1			Sheboygan		117	3	7620	
				047	5	Sheboygan					72975
				999	9	Balance of county					99999
	061	000	2	999	9	Taylor		119	6	0000	
	062	000	2	999	9	Trempealeau		121	5	0000	
	063	000	2	999	9	Vernon		123	5	0000	
	064	000	2	999	9	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	999	9	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	999	9	Waupaca		135	5	0000	
	070	000	2	999	9	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	999	9	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	999	9	Carbon		007	6	0000	
	005	000	2	999	9	Converse		009	6	0000	
	006	000	2	999	9	Crook		011	6	0000	
	007	000	2	999	9	Fremont		013	5	0000	
	008	000	2	999	9	Goshen		015	6	0000	
	009	000	2	999	9	Hot Springs		017	6	0000	
	010	000	2	999	9	Johnson		019	6	0000	
	011	054	1			Laramie		021	4	1580	
				002	4	Cheyenne					13900
				999	9	Balance of county					99999
	012	000	2	999	9	Lincoln		023	6	0000	
	013	046	1			Natrona		025	4	1350	
				001	5	Casper					13150
				999	9	Balance of county					99999
	014	000	2	999	9	Niobrara		027	6	0000	
	015	000	2	999	9	Park		029	6	0000	
	016	000	2	999	9	Platte		031	6	0000	
	017	000	2			Sheridan		033	6	0000	
				008	6	Sheridan					69845
				999	9	Balance of county					99999
	018	000	2	999	9	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	999	9	Teton		039	6	0000	
	021	000	2			Uinta		041	6	0000	
				003	6	Evanston					25620
				999	9	Balance of county					99999
	022	000	2	999	9	Washakie		043	6	0000	
	023	000	2	999	9	Weston		045	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
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	

Vital Statistics Geographic Code Outline for Puerto Rico,
Virgin Islands and Guam

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, 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 P.R.

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 P.R. 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 V.I.

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 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.

Vital Statistics Geographic Code Outline for Puerto Rico,
Virgin Islands and Guam

Virgin Islands - Con.

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 V.I. 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.

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
37	000	999	9	000	Oklahoma	40	000	0000	00000
38	000	999	9	000	Oregon	41	000	0000	00000

Vital Statistics Geographic Code Outline For Puerto Rico,
 Virgin Islands and Guam Effective With 1994 Data

Vital Statistics Codes					Area Names	FIPS Codes			
St	Cnty	P/MSA	M/NM	City		St	Cnty	P/MSA	Place
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 and Guam Effective With 1994 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

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
 Effective with 1994 and Adapted for Use by DVS
 United States
 Puerto Rico

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

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

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		
		003	Louisiana		22	
		017	Ascension			005
		032	East Baton Rouge			033
		061	Livingston			063
			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

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	Carroll			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	47		Charlottesville, VA, MSA	1540		
			Virginia		51	
		002	Albemarle			003
		025	Charlottesville city			540
		045	Fluvanna			065
		055	Greene			079
053	11		Chattanooga, TN-GA, MSA	1560		
			Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
054	51		Cheyenne, WY, MSA	1580		
			Wyoming		56	
		011	Laramie			021
055	14		Chicago, IL, PMSA	1600		
			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	05		Chico-Paradise, CA, MSA	1620		
			California		06	
		004	Butte			007
057	15		Cincinnati, OH-KY-IN, PMSA	1640		
			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	18		Clarksville-Hopkinsville, TN-KY, MSA	1660		
			Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125

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

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

Vital Statistics P/MSA	Codes		P/MSA Name and County Components	FIPS P/MSA	Codes	
	State	County			State	Cnty
083	44	071	El Paso, TX, MSA Texas El Paso	2320	48	141
084	15	020	Elkhart-Goshen, IN, MSA Indiana Elkhart	2330	18	039
085	33	007	Elmira, NY, MSA New York Chemung	2335	36	015
086	37	024	Enid, OK, MSA Oklahoma Garfield	2340	40	047
087	39	025	Erie, PA, MSA Pennsylvania Erie	2360	42	049
088	38	020	Eugene-Springfield, OR, MSA Oregon Lane	2400	41	039
089	15	065 082 087 18 051	Evansville-Henderson, IN-KY, MSA Indiana Posey Vanderburgh Warrick Kentucky Henderson	2440	18	129 163 173 101
090	24 35	014 009	Fargo-Moorhead, ND-MN, MSA Minnesota Clay North Dakota Cass	2520	27 38	027 017
091	34	026	Fayetteville, NC, MSA North Carolina Cumberland	2560	37	051
092	04	004 072	Fayetteville-Springdale-Rogers, AR, MSA Arkansas Benton Washington	2580	05	007 143
093	23	025	Flint, MI, PMSA Michigan Genesee	2640	26	049
094	01	017 039	Florence, AL, MSA Alabama Colbert Lauderdale	2650	01	033 077
095	41	021	Florence, SC, MSA South Carolina Florence	2655	45	041
096	06	035	Fort Collins-Loveland, CO, MSA Colorado Larimer	2670	08	069
097	10	006	Fort Lauderdale, FL, PMSA Florida Broward	2680	12	011
098	10	036	Fort Myers-Cape Coral, FL, MSA Florida Lee	2700	12	071

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

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

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

Vital Statistics Codes			FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State Cnty
137	33	006	Jamestown, NY, MSA New York Chautauqua	3610	36 013
138	50	054	Janesville-Beloit, WI, MSA Wisconsin Rock	3620	55 105
139	31	009	Jersey City, NJ, PMSA New Jersey Hudson	3640	34 017
140	43	010 037 082 086 090	Johnson City-Kingsport-Bristol, TN-VA, MSA Tennessee Carter Hawkins Sullivan Unicoi Washington	3660	47 019 073 163 171 179
	47	015 115 129	Virginia Bristol city Scott Washington		51 520 169 191
141	39	011 056	Johnstown, PA, MSA Pennsylvania Cambria Somerset	3680	42 021 111
142	26	049 073	Joplin, MO, MSA Missouri Jasper Newton	3710	29 097 145
143	23	013 039 080	Kalamazoo-Battle Creek, MI, MSA Michigan Calhoun Kalamazoo Van Buren	3720	26 025 077 159
144	14	046	Kankakee, IL, PMSA Illinois Kankakee	3740	17 091
145	17	046 052 061 105	Kansas City, MO-KS, MSA Kansas Johnson Leavenworth Miami Wyandotte	3760	20 091 103 121 209
	26	019 024 025 048 054 083 089	Missouri Cass Clay Clinton Jackson Lafayette Platte Ray		29 037 047 049 095 107 165 177
146	50	030	Kenosha, WI, PMSA Wisconsin Kenosha	3800	55 059
147	44	014 050	Killeen-Temple, TX, MSA Texas Bell Coryell	3810	48 027 099

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

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

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

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

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	33		Newburgh, NY-PA, PMSA	5660		
			New York		36	
		034	Orange			071
	39		Pennsylvania		42	
		052	Pike			103
200	34		Norfolk-Virginia Beach-Newport News, VA-NC, MSA	5720		
			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	05		Oakland, CA, PMSA	5775		
			California		06	
		001	Alameda			001
		007	Contra Costa			013
202	10		Ocala, FL, MSA	5790		
			Florida		12	
		042	Marion			083
203	44		Odessa-Midland, TX, MSA	5800		
			Texas		48	
		068	Ector			135
		165	Midland			329
204	37		Oklahoma City, OK, MSA	5880		
			Oklahoma		40	
		009	Canadian			017
		014	Cleveland			027
		042	Logan			083
		044	McClain			087
		055	Oklahoma			109
		063	Pottawatomie			125
205	48		Olympia, WA, PMSA	5910		
			Washington		53	
		034	Thurston			067
206	16		Omaha, NE-IA, MSA	5920		
			Iowa		19	
		078	Pottawattamie			155
	28		Nebraska		31	
		013	Cass			025
		028	Douglas			055
		077	Sarpy			153
		089	Washington			177
207	05		Orange County, CA, PMSA	5945		
			California		06	
		030	Orange			059

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

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

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

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Vital Statistics Codes	P/MSA		County	P/MSA Name and County Components	FIPS P/MSA	Codes State	Cnty
243	14			St. Louis, MO-IL, MSA	7040	17	
			014	Illinois			
			042	Clinton			027
			060	Jersey			083
			067	Madison			119
			082	Monroe			133
				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	41	
				Oregon			
			024	Marion			047
			027	Polk			053
245	05			Salinas, CA, MSA	7120	06	
				California			
			027	Monterey			053
246	45			Salt Lake City-Ogden, UT, MSA	7160	49	
				Utah			
			006	Davis			011
			018	Salt Lake			035
			029	Weber			057
247	44			San Angelo, TX, MSA	7200	48	
				Texas			
			226	Tom Green			451
248	44			San Antonio, TX, MSA	7240	48	
				Texas			
			015	Bexar			029
			046	Comal			091
			094	Guadalupe			187
			247	Wilson			493
249	05			San Diego, CA, MSA	7320	06	
				California			
			037	San Diego			073
250	05			San Francisco, CA, PMSA	7360	06	
				California			
			021	Marin			041
			038	San Francisco			075
			041	San Mateo			081
251	05			San Jose, CA, PMSA	7400	06	
				California			
			043	Santa Clara			085
252	05			San Luis Obispo-Atascadero-Paso Robles, CA, MSA	7460	06	
				California			
			040	San Luis Obispo			079
253	05			Santa Barbara-Santa Maria-Lompoc, CA, MSA	7480	06	
				California			
			042	Santa Barbara			083
254	05			Santa Cruz-Watsonville, CA, PMSA	7485	06	
				California			
			044	Santa Cruz			087
255	32			Santa Fe, NM, MSA	7490	35	
				New Mexico			
			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	049	Santa Rosa, CA, PMSA California Sonoma	7500	06	097
257	10	041 058	Sarasota-Bradenton, FL, MSA Florida Manatee Sarasota	7510	12	081 115
258	11	015 025 051	Savannah, GA, MSA Georgia Bryan Chatham Effingham	7520	13	029 051 103
259	39	019 035 040 066	Scranton--Wilkes-Barre--Hazleton, PA, MSA Pennsylvania Columbia Lackawanna Luzerne Wyoming	7560	42	037 069 079 131
260	48	015 017 031	Seattle-Bellevue-Everett, WA, PMSA Washington Island King Snohomish	7600	53	029 033 061
261	39	043	Sharon, PA, MSA Pennsylvania Mercer	7610	42	085
262	50	060	Sheboygan, WI, MSA Wisconsin Sheboygan	7620	55	117
263	44	091	Sherman-Denison, TX, MSA Texas Grayson	7640	48	181
264	19	008 009 060	Shreveport-Bossier City, LA, MSA Louisiana Bossier Caddo Webster	7680	22	015 017 119
265	16 28	097 022	Sioux City, IA-NE, MSA Iowa Woodbury Nebraska Dakota	7720	19 31	193 043
266	42	041 049	Sioux Falls, SD, MSA South Dakota Lincoln Minnehaha	7760	46	083 099
267	15	071	South Bend, IN, MSA Indiana St. Joseph	7800	18	141
268	48	032	Spokane, WA, MSA Washington Spokane	7840	53	063
269	14	065 084	Springfield, IL, MSA Illinois Menard Sangamon	7880	17	129 167

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

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

Vital Statistics Codes					FIPS Codes		
P/MSA	State	County	P/MSA Name and County Components	P/MSA	State	Cnty	
296			Washington, DC-MD-VA-WV, PMSA	8840			
	09		Dist. of Columbia		11		
		001	District of Columbia			001	
	21		Maryland		24		
		005	Calvert			009	
		009	Charles			017	
		011	Frederick			021	
		016	Montgomery			031	
		017	Prince George's			033	
	47		Virginia		51		
		003	Alexandria city			510	
		008	Arlington			013	
		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	

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

Vital Statistics Codes			P/MSA Name and County Components	FIPS Codes		
P/MSA	State	County		P/MSA	State	Cnty
001	52		Aguadilla, PR, MSA Puerto Rico	0060	72	
		002	Aguada			003
		003	Aguadilla			005
		051	Moca			099
002	52		Arecibo, PR, PMSA Puerto Rico	0470	72	
		007	Arecibo			013
		014	Camuy			027
		034	Hatillo			065
003	52		Caguas, PR, PMSA Puerto Rico	1310	72	
		013	Caguas			025
		018	Cayey			035
		021	Cidra			041
		033	Gurabo			063
		066	San Lorenzo			129
004	52		Mauaguez, PR, MSA Puerto Rico	4840	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 Puerto Rico	6360	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 Puerto Rico	7440	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

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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, 1996

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	2	2	-	2	008.3	-	-	-	-	017.1	-	-	-	-
001.1	-	-	-	-	008.4	350	858	508	858	017.2	1	5	4	5
001.9	-	-	-	1	008.5	7	8	1	8	017.3	-	-	-	-
002.0	1	1	-	1	008.6	3	4	1	4	017.4	-	-	-	-
002.1	-	-	-	-	008.8	123	175	52	176	017.5	-	-	-	-
002.2	-	-	-	-	009.0	325	435	110	436	017.6	-	-	-	-
002.3	-	-	-	-	009.2	3	5	2	5	017.7	-	-	-	1
002.9	-	-	-	-	010.0	2	3	1	3	017.8	10	14	4	9
003.0	11	33	22	33	010.1	-	-	-	-	018.0	-	-	-	-
003.1	36	53	17	56	010.8	-	-	-	-	018.8	-	-	-	-
003.2	4	3	1	3	010.9	-	-	-	-	018.9	123	183	61	203
003.8	-	-	-	-	011.0	-	1	1	1	020.0	1	1	-	1
003.9	7	11	4	13	011.1	-	-	-	-	020.1	-	-	-	-
004.0	3	4	1	4	011.2	24	59	36	56	020.2	1	1	-	1
004.1	-	-	-	-	011.3	17	22	5	-	020.3	-	-	-	-
004.2	-	-	-	-	011.4	41	34	4	6	020.4	-	-	-	-
004.3	-	-	-	-	011.5	12	15	3	3	020.5	-	-	-	-
004.8	-	-	-	-	011.6	93	90	8	26	020.8	-	-	-	-
004.9	2	4	2	4	011.7	3	6	3	-	020.9	-	-	-	-
005.0	-	-	-	-	011.8	1	3	2	2	021	-	1	1	1
005.1	1	3	2	3	011.9	704	1871	1174	2210	022.0	-	-	-	-
005.2	-	-	-	-	012.0	12	37	25	21	022.1	-	-	-	-
005.3	-	-	-	-	012.1	-	-	-	-	022.2	-	-	-	-
005.4	-	-	-	-	012.2	-	-	-	-	022.3	-	-	-	-
005.8	1	1	-	1	012.3	-	1	1	1	022.8	-	-	-	-
005.9	2	5	3	6	012.8	3	5	2	2	022.9	-	-	-	-
006.0	-	-	-	-	013.0	17	27	10	35	023.0	-	-	-	-
006.1	-	-	-	-	013.1	-	-	-	-	023.1	-	-	-	-
006.2	-	-	-	-	013.8	2	5	3	5	023.2	-	-	-	-
006.3	-	-	-	-	013.9	1	2	1	3	023.3	-	1	1	1
006.4	-	-	-	-	014	7	16	10	16	023.8	-	-	-	-
006.5	-	-	-	-	015.0	56	124	68	123	023.9	-	-	-	-
006.6	-	-	-	-	015.1	-	-	-	-	024	-	-	-	-
006.8	1	1	-	1	015.2	-	-	-	-	025	-	2	2	2
006.9	3	4	1	5	015.7	1	1	-	1	026.0	-	-	-	-
007.0	-	-	-	-	015.8	-	-	-	-	026.1	-	-	-	-
007.1	1	6	5	6	015.9	1	8	7	7	026.9	-	-	-	-
007.2	6	13	7	268	016.0	5	14	10	14	027.0	38	61	23	61
007.3	-	-	-	-	016.1	-	-	-	-	027.1	-	-	-	-
007.8	1	1	-	1	016.2	-	-	-	-	027.2	4	8	4	8
007.9	-	-	-	-	016.3	-	-	-	-	027.8	3	3	-	3
008.0	5	5	-	5	016.4	-	-	-	-	027.9	1	1	-	1
008.1	-	-	-	-	016.9	1	1	-	1	030.0	-	1	1	1
008.2	-	-	-	-	017.0	65	381	316	381	030.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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030.2	-	-	-	-	040.1	-	-	-	-	050.0	-	-	-	-
030.3	-	-	-	-	040.2	6	13	7	13	050.1	-	-	-	-
030.8	-	-	-	-	040.3	-	-	-	-	050.2	-	-	-	-
030.9	-	1	1	1	040.8	68	80	12	80	050.9	-	-	-	-
031.0	290	2519	2229	2517	041.0	67	174	107	174	051.0	-	-	-	-
031.1	1	2	1	2	041.1	207	646	439	646	051.1	-	-	-	-
031.8	2	7	5	8	041.2	47	66	19	66	051.2	-	-	-	-
031.9	56	196	144	284	041.3	11	43	32	43	051.9	-	-	-	-
032.0	-	-	-	-	041.4	10	98	88	98	052	81	116	35	116
032.1	-	-	-	-	041.5	7	19	12	19	053.0	-	-	-	-
032.2	-	-	-	-	041.6	5	27	22	27	053.1	17	97	80	86
032.3	-	-	-	-	041.7	43	174	131	174	053.2	1	10	9	10
032.8	-	-	-	-	041.8	43	114	71	114	053.7	1	4	3	4
032.9	-	1	-	1	041.9	64	111	47	142	053.8	-	-	-	-
033.0	-	-	-	-	042.0	4239	4699	462	1	053.9	85	408	324	432
033.1	-	-	-	-	042.1	6047	5744	337	6	054.0	1	1	-	1
033.8	-	-	-	-	042.2	2026	2621	597	1	054.1	-	11	11	11
033.9	4	6	2	6	042.9	17385	20504	3196	31501	054.2	-	7	7	7
034.0	10	14	4	14	043.0	-	1	1	-	054.3	81	101	20	110
034.1	1	2	1	2	043.1	91	93	13	144	054.4	-	1	1	1
035	2	8	6	8	043.2	13	20	7	-	054.5	4	5	2	1
036.0	82	93	11	92	043.3	125	129	25	2	054.6	-	-	-	-
036.1	3	2	-	2	043.9	7	9	2	33	054.7	34	82	50	86
036.2	164	188	24	186	044.0	2	5	3	-	054.8	-	-	-	-
036.3	32	43	11	43	044.9	1195	2033	854	6245	054.9	53	208	156	236
036.4	-	-	-	-	045.0	-	-	-	-	055.0	-	-	-	-
036.8	-	-	-	-	045.1	-	-	-	-	055.1	1	1	-	1
036.9	9	11	2	16	045.2	-	-	-	-	055.2	-	-	-	-
037	1	7	6	7	045.9	-	-	-	-	055.7	-	-	-	-
038.0	313	1186	874	1198	046.0	-	-	-	-	055.8	-	-	-	-
038.1	1038	3955	2917	4061	046.1	209	233	24	260	055.9	-	1	1	1
038.2	181	383	203	743	046.2	4	6	2	6	056.0	-	-	-	-
038.3	47	206	159	208	046.3	51	60	9	633	056.7	-	-	-	-
038.4	884	4356	3472	4458	046.8	-	-	-	-	056.8	-	-	-	-
038.8	118	561	443	573	046.9	1	2	1	2	056.9	-	1	1	1
038.9	18842	96991	78167	98832	047.0	-	-	-	-	057.0	-	-	-	-
039.0	1	1	-	1	047.1	-	-	-	-	057.8	2	17	15	17
039.1	34	58	25	57	047.8	-	1	1	1	057.9	-	-	-	-
039.2	-	-	-	-	047.9	25	45	20	47	060.0	-	-	-	-
039.3	-	-	-	-	048	16	17	1	17	060.1	-	-	-	-
039.4	-	-	-	-	049.0	11	14	3	14	060.9	1	1	-	1
039.8	9	13	4	15	049.1	-	-	-	-	061	-	-	-	-
039.9	26	50	28	69	049.8	3	4	1	4	062.0	-	-	-	-
040.0	56	134	78	134	049.9	84	113	30	118	062.1	-	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

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062.2	1	1	-	1	074.2	3	3	-	3	083.9	-	-	-	-
062.3	-	-	-	-	074.3	-	-	-	-	084.0	1	1	-	1
062.4	-	-	-	-	074.8	-	-	-	-	084.1	-	-	-	-
062.5	1	2	1	2	075	16	34	18	34	084.2	-	-	-	-
062.8	-	-	-	-	076.0	-	-	-	-	084.3	-	-	-	-
062.9	1	1	-	1	076.1	-	-	-	-	084.4	-	-	-	-
063.0	-	-	-	-	076.9	-	-	-	-	084.5	-	-	-	-
063.1	-	-	-	-	077.0	-	-	-	-	084.6	3	6	3	6
063.2	-	-	-	-	077.1	-	-	-	-	084.7	-	-	-	-
063.8	-	-	-	-	077.2	-	1	1	1	084.8	-	-	-	-
063.9	-	-	-	-	077.3	-	-	-	-	084.9	-	-	-	-
064	-	-	-	-	077.4	-	-	-	-	085.0	-	-	-	-
065.0	-	-	-	-	077.8	-	-	-	-	085.1	-	-	-	-
065.1	-	-	-	-	077.9	-	1	1	1	085.2	-	-	-	-
065.2	-	-	-	-	078.0	-	5	5	5	085.3	-	-	-	-
065.3	-	-	-	-	078.1	-	1	1	1	085.4	-	-	-	-
065.4	1	1	-	1	078.2	-	-	-	-	085.5	-	-	-	-
065.8	-	-	-	-	078.3	-	-	-	-	085.9	1	1	-	1
065.9	1	1	-	1	078.4	-	-	-	-	086.0	2	4	2	1
066.0	-	-	-	-	078.5	246	1891	1653	2617	086.1	-	-	-	-
066.1	1	1	-	1	078.6	2	3	1	3	086.2	-	1	1	4
066.2	-	-	-	-	078.7	-	-	-	-	086.3	-	-	-	-
066.3	-	-	-	-	078.8	76	125	49	125	086.4	-	-	-	-
066.8	-	-	-	-	079.0	6	11	5	11	086.5	-	-	-	-
066.9	-	-	-	-	079.1	-	1	1	1	086.9	-	-	-	-
070.0	6	9	3	-	079.2	2	4	2	4	087.0	-	-	-	-
070.1	115	216	101	225	079.3	-	-	-	-	087.1	-	-	-	-
070.2	51	67	16	2	079.8	52	99	47	99	087.9	-	-	-	-
070.3	1031	1940	909	2005	079.9	275	467	192	489	088.0	2	3	1	3
070.4	148	207	59	-	080	-	-	-	-	088.8	8	30	22	30
070.5	2230	4504	2274	4711	081.0	-	-	-	-	088.9	1	1	-	1
070.6	9	10	1	-	081.1	-	-	-	-	090.0	1	3	2	3
070.9	190	281	91	291	081.2	-	-	-	-	090.1	-	-	-	-
071	3	3	-	3	081.9	-	-	-	-	090.2	1	1	-	1
072.0	-	-	-	-	082.0	6	11	5	11	090.3	1	1	-	1
072.1	-	-	-	-	082.1	-	-	-	-	090.4	8	11	3	11
072.2	-	-	-	-	082.2	-	-	-	-	090.5	1	10	9	10
072.3	-	-	-	-	082.3	-	-	-	-	090.6	-	-	-	-
072.7	-	-	-	-	082.8	-	-	-	-	090.7	-	-	-	-
072.8	-	-	-	-	082.9	-	-	-	-	090.9	6	14	8	14
072.9	1	1	-	1	083.0	1	1	-	1	091.0	-	-	-	-
073	1	1	-	1	083.1	-	-	-	-	091.1	-	-	-	-
074.0	-	-	-	-	083.2	-	-	-	-	091.2	-	-	-	-
074.1	-	-	-	-	083.8	1	1	-	1	091.3	1	1	-	1

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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091.4	-	-	-	-	102.0	-	-	-	-	115.9	41	142	103	222
091.5	-	-	-	-	102.1	-	-	-	-	116.0	53	77	24	77
091.6	-	-	-	-	102.2	-	-	-	-	116.1	-	-	-	-
091.7	-	-	-	-	102.3	-	-	-	-	116.2	-	-	-	-
091.8	-	-	-	-	102.4	-	-	-	-	117.0	-	1	1	1
091.9	-	1	1	1	102.5	-	-	-	-	117.1	1	4	3	4
092.0	...	-	-	-	102.6	-	-	-	-	117.2	-	-	-	-
092.9	...	-	-	-	102.7	-	-	-	-	117.3	574	1075	501	1075
093.0	1	2	1	1	102.8	...	-	-	-	117.4	-	-	-	-
093.1	5	5	-	5	102.9	-	-	-	-	117.5	177	302	126	1243
093.2	-	-	-	-	103.0	-	-	-	-	117.6	1	1	-	1
093.8	-	3	3	2	103.1	-	-	-	-	117.7	70	106	36	106
093.9	-	-	-	-	103.2	-	-	-	-	117.8	-	-	-	-
094.0	3	19	16	19	103.3	-	-	-	-	117.9	840	1594	754	1670
094.1	2	4	2	4	103.9	-	-	-	-	118	-	3	3	4
094.2	2	2	-	2	104.0	-	-	-	-	120.0	-	-	-	-
094.3	...	-	-	-	104.8	-	-	-	-	120.1	-	-	-	-
094.8	2	2	-	-	104.9	-	-	-	-	120.2	-	-	-	-
094.9	27	84	57	84	110.0	-	-	-	-	120.3	-	-	-	-
095	-	-	-	-	110.1	-	2	2	2	120.8	-	-	-	-
096	...	1	1	1	110.2	-	-	-	-	120.9	1	1	-	1
097.0	8	33	25	34	110.3	-	-	-	-	121.0	-	-	-	-
097.1	...	9	9	9	110.4	-	-	-	-	121.1	-	1	1	1
097.9	4	50	46	53	110.5	1	3	2	3	121.2	-	-	-	-
098.0	-	3	3	3	110.6	-	-	-	-	121.3	-	-	-	-
098.1	-	-	-	-	110.8	-	1	1	1	121.4	-	-	-	-
098.2	-	1	1	1	110.9	-	12	12	12	121.5	-	-	-	-
098.3	-	-	-	-	111.0	-	-	-	-	121.6	-	-	-	-
098.4	-	-	-	-	111.1	-	-	-	-	121.8	-	-	-	-
098.5	-	-	-	-	111.2	-	-	-	-	121.9	-	-	-	-
098.6	-	-	-	-	111.3	-	-	-	-	122.0	-	-	-	-
098.7	-	-	-	-	111.8	-	-	-	-	122.1	-	-	-	-
098.8	4	4	-	4	111.9	3	6	3	6	122.2	-	-	-	-
099.0	-	-	-	-	112.0	6	158	152	166	122.3	-	-	-	-
099.1	-	-	-	-	112.1	-	3	3	3	122.4	-	-	-	-
099.2	-	-	-	-	112.2	14	35	21	35	122.5	-	-	-	-
099.3	-	5	5	5	112.3	-	-	-	-	122.6	-	-	-	-
099.4	-	-	-	-	112.4	51	92	43	86	122.7	-	-	-	-
099.8	-	-	-	-	112.5	397	682	287	717	122.8	-	1	1	1
099.9	17	24	7	24	112.8	68	372	305	413	122.9	1	3	2	3
100.0	-	-	-	-	112.9	113	361	254	414	123.0	-	-	-	-
100.8	-	-	-	-	114	102	177	75	215	123.1	18	22	4	22
100.9	2	3	1	3	115.0	4	17	13	17	123.2	-	-	-	-
101	1	1	-	1	115.1	-	-	-	-	123.3	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
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123.4	-	-	-	-	132.9	-	-	-	-	142.0	481	579	98	579
123.5	-	-	-	-	133.0	-	-	-	-	142.1	31	36	5	36
123.6	-	-	-	-	133.8	2	6	4	6	142.2	1	1	-	1
123.8	-	-	-	-	133.9	-	-	-	-	142.8	-	-	-	-
123.9	-	-	-	-	134.0	-	-	-	-	142.9	112	137	25	137
124	-	1	1	1	134.1	-	-	-	-	143.0	32	33	1	33
125.0	-	-	-	-	134.2	-	-	-	-	143.1	55	79	24	79
125.1	-	-	-	-	134.8	-	-	-	-	143.8	-	-	-	-
125.2	-	-	-	-	134.9	-	-	-	-	143.9	57	67	10	69
125.3	-	-	-	-	135	642	1120	478	1120	144.0	1	1	-	1
125.4	-	-	-	-	136.0	-	-	-	-	144.1	-	-	-	-
125.5	-	-	-	-	136.1	11	23	12	23	144.8	-	-	-	-
125.6	-	-	-	-	136.2	-	-	-	-	144.9	238	293	55	293
125.7	-	-	-	-	136.3	360	438	93	2766	145.0	49	57	8	57
125.9	-	1	1	1	136.4	-	-	-	-	145.1	-	-	-	-
126.0	-	-	-	-	136.5	-	-	-	-	145.2	36	45	9	45
126.1	-	-	-	-	136.8	7	10	3	10	145.3	66	106	40	106
126.2	-	-	-	-	136.9	253	1165	912	2008	145.4	8	11	3	11
126.3	-	-	-	-	137.0	152	483	331	483	145.5	101	145	44	145
126.8	-	-	-	-	137.1	-	-	-	-	145.6	31	34	3	34
126.9	1	1	-	1	137.2	-	1	1	1	145.8	-	-	-	-
127.0	3	3	-	3	137.3	1	1	-	1	145.9	953	1188	235	1230
127.1	-	-	-	-	137.4	2	14	12	14	146.0	532	655	123	655
127.2	11	26	16	28	138	223	817	594	817	146.1	25	32	7	32
127.3	-	-	-	-	139.0	9	14	5	14	146.2	3	5	2	5
127.4	-	-	-	-	139.1	-	-	-	-	146.3	5	5	-	5
127.5	3	3	-	3	139.8	125	358	233	356	146.4	-	-	-	-
127.6	-	-	-	-	140.0	7	9	2	9	146.5	-	-	-	-
127.7	-	-	-	-	140.1	8	11	3	11	146.6	-	-	-	-
127.8	-	-	-	-	140.3	-	-	-	-	146.7	1	2	1	2
127.9	-	1	1	1	140.4	-	-	-	-	146.8	-	1	1	1
128.0	-	-	-	-	140.5	1	1	-	1	146.9	518	601	83	605
128.1	-	-	-	-	140.6	-	-	-	-	147.0	-	-	-	-
128.8	-	-	-	-	140.8	-	-	-	-	147.1	7	8	1	8
128.9	-	-	-	-	140.9	67	94	27	94	147.2	-	-	-	-
129	-	-	-	-	141.0	127	159	32	159	147.3	-	-	-	-
130	30	38	11	800	141.1	-	-	-	-	147.8	-	-	-	-
131.0	-	-	-	-	141.2	-	-	-	-	147.9	680	787	107	787
131.8	-	-	-	-	141.3	-	-	-	-	148.0	1	1	-	1
131.9	-	-	-	-	141.4	1	1	-	1	148.1	174	211	37	211
132.0	-	-	-	-	141.5	-	-	-	-	148.2	1	1	-	1
132.1	-	-	-	-	141.6	7	8	1	8	148.3	-	-	-	-
132.2	-	-	-	-	141.8	2	2	-	2	148.8	-	-	-	-
132.3	-	-	-	-	141.9	1615	1974	359	1976	148.9	224	260	36	260

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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, 1996

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	1596	2099	503	2120	155.2	4090	4784	694	4881	163.9	432	505	73	505
149.1	-	-	-	-	156.0	2041	2193	152	2193	164.0	155	178	23	178
149.8	-	-	-	-	156.1	829	909	80	909	164.1	73	103	30	103
149.9	-	-	-	-	156.2	233	255	22	255	164.2	2	2	-	2
150.0	13	14	1	14	156.8	1	1	-	1	164.3	-	-	-	-
150.1	-	-	-	-	156.9	548	587	39	607	164.8	-	-	-	-
150.2	1	2	1	2	157.0	348	365	17	365	164.9	196	245	49	246
150.3	14	15	1	15	157.1	33	39	6	39	165.0	3	3	-	3
150.4	9	9	-	9	157.2	24	35	11	35	165.8	-	-	-	-
150.5	123	132	9	132	157.3	11	11	-	11	165.9	13	13	-	13
150.8	2	2	-	2	157.4	156	171	15	171	170.0	61	75	14	75
150.9	11069	12164	1096	12168	157.8	-	-	-	-	170.1	79	102	23	102
151.0	660	708	48	708	157.9	26688	27884	1196	27894	170.2	109	151	42	151
151.1	5	5	-	5	158.0	276	320	44	320	170.3	14	20	6	20
151.2	14	16	2	16	158.8	44	54	10	54	170.4	14	18	4	18
151.3	8	8	-	8	158.9	373	401	28	403	170.5	2	2	-	2
151.4	5	5	-	5	159.0	683	858	175	880	170.6	84	100	16	100
151.5	2	2	-	2	159.1	15	32	17	32	170.7	72	88	16	88
151.6	1	1	-	1	159.8	4	4	-	4	170.8	1	2	1	2
151.8	1	2	1	2	159.9	504	568	64	586	170.9	781	996	215	1001
151.9	12640	13925	1285	13938	160.0	46	52	6	52	171.0	45	59	14	59
152.0	459	529	70	529	160.1	11	13	2	13	171.2	49	64	15	64
152.1	48	57	9	57	160.2	193	226	33	226	171.3	209	250	41	250
152.2	49	56	7	56	160.3	35	40	5	40	171.4	66	77	11	77
152.3	1	1	-	1	160.4	7	8	1	8	171.5	191	214	23	214
152.8	40	54	14	54	160.5	7	10	3	10	171.6	113	130	17	130
152.9	439	481	42	487	160.8	-	-	-	-	171.7	7	11	4	11
153.0	19	22	3	22	160.9	159	194	35	194	171.8	4	4	-	4
153.1	122	148	26	148	161.0	85	145	60	145	171.9	3163	3419	256	3467
153.2	155	193	38	193	161.1	212	270	58	270	172.0	9	9	-	9
153.3	776	956	180	962	161.2	9	11	2	11	172.1	2	2	-	2
153.4	684	858	174	858	161.3	1	5	4	5	172.2	22	28	6	28
153.5	207	223	16	223	161.8	-	1	1	1	172.3	74	100	26	100
153.6	575	717	143	717	161.9	3611	5080	1469	5094	172.4	119	134	15	134
153.7	21	26	5	26	162.0	105	138	33	138	172.5	268	286	18	286
153.8	-	1	1	1	162.2	111	125	14	125	172.6	162	184	22	184
153.9	45346	54119	8775	54255	162.3	1067	1231	164	1231	172.7	152	179	27	179
154.0	1653	1836	183	1800	162.4	67	88	21	88	172.8	-	-	-	-
154.1	6514	7574	1061	7610	162.5	407	492	85	492	172.9	6471	7127	656	7243
154.2	38	41	3	41	162.8	-	1	1	1	173.0	2	7	5	7
154.3	329	382	53	382	162.9	150258	161790	11532	161879	173.1	8	14	6	14
154.8	58	66	8	66	163.0	4	5	1	5	173.2	122	196	74	196
155.0	5203	5700	497	5700	163.1	2	2	-	2	173.3	239	412	173	420
155.1	2291	2395	104	2395	163.8	-	-	-	-	173.4	1012	1272	260	1276

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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, 1996

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	52	70	18	72	187.4	198	250	52	250	192.1	138	186	48	186
173.6	38	61	23	61	187.5	-	-	-	-	192.2	58	68	10	68
173.7	41	70	29	73	187.6	5	5	-	5	192.3	2	4	2	4
173.8	-	-	-	-	187.7	7	11	4	11	192.8	1	1	-	1
173.9	570	1058	492	2674	187.8	1	2	1	2	192.9	62	73	11	76
174.0	3	7	4	7	187.9	14	21	7	22	193	1181	1479	298	1479
174.1	-	-	-	-	188.0	1	1	-	1	194.0	533	612	79	612
174.2	-	-	-	-	188.1	-	-	-	-	194.1	12	18	6	18
174.3	1	1	-	1	188.2	-	-	-	-	194.3	35	45	10	45
174.4	-	-	-	-	188.3	1	1	-	1	194.4	27	28	1	28
174.5	-	-	-	-	188.4	-	-	-	-	194.5	2	2	-	2
174.6	-	-	-	-	188.5	5	7	2	7	194.6	21	21	-	21
174.8	2	-	-	-	188.6	1	1	-	1	194.8	-	2	2	2
174.9	43085	52776	9691	52777	188.7	8	8	-	8	194.9	91	95	4	95
175	357	466	109	466	188.8	1	1	-	1	195.0	1827	2107	280	2498
179	3117	3835	718	3910	188.9	11435	15096	3661	15096	195.1	150	178	28	224
180.0	28	34	6	34	189.0	10908	12727	1820	12728	195.2	1114	1214	100	1535
180.1	-	-	-	-	189.1	187	198	11	198	195.3	269	325	56	406
180.8	-	-	-	-	189.2	318	414	96	414	195.4	13	18	5	26
180.9	4514	5090	576	5090	189.3	101	134	33	134	195.5	50	65	15	72
181	21	22	1	22	189.4	1	1	-	1	195.8	143	173	30	199
182.0	3194	3735	541	3735	189.8	3	3	-	3	196.0	...	99	99	99
182.1	-	-	-	-	189.9	34	40	6	54	196.1	...	91	91	91
182.8	-	-	-	-	190.0	6	6	-	6	196.2	...	93	93	93
183.0	13161	14151	990	14151	190.1	51	67	16	67	196.3	...	31	31	31
183.2	177	187	10	187	190.2	4	4	-	4	196.5	...	14	14	14
183.3	1	1	-	1	190.3	1	1	-	1	196.6	...	11	11	11
183.4	-	-	-	-	190.4	-	-	-	-	196.8	...	3	3	3
183.5	-	-	-	-	190.5	30	34	4	34	196.9	...	1207	1207	1207
183.8	1	2	1	2	190.6	13	15	2	15	197.0	...	16454	16454	16454
183.9	2	2	-	2	190.7	2	2	-	2	197.1	...	540	540	540
184.0	401	498	97	498	190.8	-	-	-	-	197.2	...	860	860	860
184.1	9	10	1	10	190.9	173	212	39	212	197.3	...	286	286	286
184.2	-	-	-	-	191.0	307	330	23	330	197.4	...	164	164	164
184.3	4	4	-	4	191.1	154	165	11	165	197.5	...	2684	2684	2684
184.4	666	838	172	838	191.2	121	129	8	129	197.6	...	1490	1490	1490
184.8	23	23	-	23	191.3	116	129	13	129	197.7	...	24859	24859	24859
184.9	66	79	13	80	191.4	25	30	5	30	197.8	...	2054	2054	2054
185	34123	48529	14406	48529	191.5	22	30	8	30	198.0	...	578	578	578
186.0	-	-	-	-	191.6	183	202	19	202	198.1	...	794	794	794
186.9	345	446	101	446	191.7	254	267	13	267	198.2	...	609	609	609
187.1	2	2	-	2	191.8	61	63	2	63	198.3	...	17935	17935	17935
187.2	-	-	-	-	191.9	10863	11496	633	11535	198.4	...	916	916	916
187.3	-	-	-	-	192.0	9	10	1	10	198.5	...	14069	14069	14069

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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, 1996

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	...	438	438	438	206.9	22	33	11	33	213.4	-	-	-	-
198.7	...	688	688	688	207.0	57	62	5	62	213.5	-	-	-	-
198.8	...	10904	10904	10904	207.1	2	2	-	2	213.6	2	2	-	2
199.0	1076	17333	16257	17333	207.2	28	32	4	32	213.7	-	-	-	-
199.1	32824	66037	33215	57046	207.8	49	65	16	65	213.8	-	-	-	-
200.0	94	112	18	113	208.0	2708	2918	210	3042	213.9	3	8	5	8
200.1	473	575	102	575	208.1	199	296	97	301	214	8	27	19	27
200.2	136	141	6	185	208.2	3	4	1	4	215.0	2	5	3	5
200.8	279	317	41	334	208.8	10	10	-	10	215.2	-	-	-	-
201.0	-	-	-	-	208.9	2139	2817	678	2994	215.3	-	-	-	-
201.1	-	-	-	-	210.0	-	-	-	-	215.4	-	1	1	1
201.2	-	-	-	-	210.1	1	1	-	1	215.5	3	3	-	3
201.4	-	-	-	-	210.2	2	7	5	7	215.6	1	1	-	1
201.5	16	22	6	22	210.3	-	-	-	-	215.7	1	1	-	1
201.6	4	5	1	5	210.4	-	-	-	1	215.8	1	1	-	1
201.7	2	2	-	2	210.5	-	-	-	-	215.9	26	71	45	71
201.9	1386	1890	504	1891	210.6	-	-	-	-	216.0	-	-	-	-
202.0	175	213	38	213	210.7	-	1	1	1	216.1	-	1	1	1
202.1	134	202	68	202	210.8	-	-	-	-	216.2	-	-	-	-
202.2	9	16	7	16	210.9	-	1	1	1	216.3	1	3	2	3
202.3	13	13	-	13	211.0	-	4	4	4	216.4	2	2	-	2
202.4	84	148	64	148	211.1	7	33	26	33	216.5	1	6	5	6
202.5	-	-	-	-	211.2	3	7	4	7	216.6	-	-	-	-
202.6	2	2	-	2	211.3	53	331	278	331	216.7	1	2	1	2
202.8	21485	25682	4260	26796	211.4	6	10	4	10	216.8	-	-	-	-
202.9	50	71	21	76	211.5	11	15	4	15	216.9	14	25	11	25
203.0	10145	12035	1890	12035	211.6	9	15	6	15	217	-	1	1	1
203.1	70	107	37	107	211.7	17	40	23	40	218	19	77	58	77
203.8	33	59	26	59	211.8	5	5	-	5	219.0	-	-	-	-
204.0	1418	1583	165	1607	211.9	2	5	3	5	219.1	-	-	-	-
204.1	4349	6710	2361	6710	212.0	3	4	1	4	219.8	-	-	-	-
204.2	1	1	-	1	212.1	3	5	2	5	219.9	2	7	5	7
204.8	-	-	-	-	212.2	3	4	1	4	220	12	42	30	42
204.9	334	436	102	453	212.3	11	18	7	18	221.0	-	-	-	-
205.0	6311	6623	312	6761	212.4	-	-	-	-	221.1	-	-	-	-
205.1	2295	2767	472	2767	212.5	-	-	-	-	221.2	-	-	-	-
205.2	1	1	-	1	212.6	26	45	19	45	221.8	-	-	-	-
205.3	15	21	6	21	212.7	43	91	48	91	221.9	-	-	-	-
205.8	1	1	-	1	212.8	-	-	-	-	222.0	-	-	-	-
205.9	237	289	52	295	212.9	1	3	2	3	222.1	-	-	-	-
206.0	145	149	4	151	213.0	1	1	-	1	222.2	1	2	1	2
206.1	16	31	15	31	213.1	2	3	1	3	222.3	-	-	-	-
206.2	-	-	-	-	213.2	3	4	1	4	222.4	-	-	-	-
206.8	-	-	-	-	213.3	-	-	-	-	222.8	-	-	-	-

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
222.9	-	-	-	-	230.6	-	-	-	-	236.3	-	-	-	-
223.0	2	19	17	19	230.7	1	1	-	1	236.4	-	-	-	-
223.1	-	-	-	-	230.8	-	-	-	-	236.5	-	-	-	-
223.2	-	-	-	-	230.9	-	-	-	-	236.6	-	-	-	-
223.3	2	5	3	5	231.0	1	2	1	2	236.7	-	1	1	1
223.8	-	-	-	-	231.1	-	-	-	-	236.9	1	5	4	5
223.9	-	-	-	-	231.2	2	2	-	2	237.0	55	89	34	89
224.0	-	-	-	-	231.8	-	-	-	-	237.1	4	8	4	8
224.1	-	-	-	-	231.9	-	-	-	-	237.2	-	-	-	-
224.2	-	-	-	-	232.0	-	-	-	-	237.3	6	13	7	13
224.3	-	-	-	-	232.1	-	-	-	-	237.4	-	-	-	-
224.4	-	-	-	-	232.2	-	-	-	-	237.5	27	37	10	37
224.5	-	-	-	-	232.3	-	-	-	-	237.6	3	3	-	3
224.6	-	-	-	-	232.4	-	-	-	-	237.7	71	274	203	274
224.7	-	-	-	-	232.5	-	-	-	-	237.9	2	2	-	2
224.8	-	-	-	-	232.6	-	-	-	-	238.0	12	18	6	18
224.9	-	-	-	-	232.7	-	-	-	-	238.1	25	38	13	38
225.0	96	124	28	124	232.8	-	-	-	-	238.2	1	3	2	3
225.1	37	87	50	87	232.9	-	10	10	10	238.3	5	7	2	7
225.2	806	1608	802	1608	233.0	3	6	3	6	238.4	357	1212	855	1212
225.3	2	5	3	5	233.1	1	5	4	5	238.5	-	-	-	-
225.4	6	13	7	13	233.2	-	-	-	-	238.6	60	114	54	114
225.8	-	-	-	-	233.3	-	1	1	1	238.7	849	1711	862	1711
225.9	1	1	-	1	233.4	-	-	-	-	238.8	14	18	4	18
226	4	15	11	15	233.5	-	-	-	-	238.9	149	256	107	256
227.0	35	73	38	73	233.6	-	1	1	1	239.0	496	800	305	846
227.1	8	38	30	38	233.7	-	2	2	2	239.1	482	817	335	846
227.3	90	241	151	241	233.9	-	1	1	1	239.2	41	98	57	99
227.4	-	-	-	-	234.0	-	-	-	-	239.3	14	45	31	46
227.5	-	-	-	-	234.8	-	-	-	-	239.4	57	176	119	182
227.6	-	1	1	1	234.9	3	6	3	6	239.5	133	286	153	295
227.8	-	-	-	-	235.0	-	-	-	-	239.6	2491	3091	601	3158
227.9	1	1	-	1	235.1	-	-	-	-	239.7	191	395	204	401
228.0	56	112	56	112	235.2	67	157	90	157	239.8	263	445	182	450
228.1	34	94	60	94	235.3	16	22	6	22	239.9	132	239	107	535
229.0	-	-	-	-	235.4	2	2	-	2	240.0	-	1	1	1
229.8	8	16	8	16	235.5	15	27	12	27	240.9	21	199	178	218
229.9	44	82	38	83	235.6	-	-	-	-	241.0	1	29	28	29
230.0	-	-	-	-	235.7	37	65	28	65	241.1	6	53	47	54
230.1	-	1	1	1	235.8	6	7	1	7	241.9	1	22	21	22
230.2	-	1	1	1	235.9	-	-	-	-	242.0	40	170	130	153
230.3	1	5	4	5	236.0	-	2	2	2	242.1	-	-	-	-
230.4	3	6	3	6	236.1	-	-	-	-	242.2	-	8	8	7
230.5	-	-	-	-	236.2	4	5	1	5	242.3	1	5	4	5

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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	12	59	47	59	259.8	2	7	5	7
242.8	-	-	-	-	253.1	-	3	3	3	259.9	2	9	8	14
242.9	181	1034	853	1069	253.2	73	443	370	443	260	111	351	243	375
243	2	11	9	11	253.3	-	5	5	5	261	243	1714	1485	1749
244.0	..	7	7	7	253.4	-	-	-	-	262	8	17	9	8
244.1	-	1	1	1	253.5	34	189	155	189	263.0	2	7	5	7
244.2	-	-	-	-	253.6	68	482	414	482	263.1	1	5	4	5
244.3	-	-	-	-	253.7	-	1	1	1	263.2	23	34	17	-
244.8	1	1	-	1	253.8	6	15	9	15	263.8	2	5	3	5
244.9	1024	13625	12601	13626	253.9	4	15	11	17	263.9	3141	28505	25364	29369
245.0	-	-	-	-	254.0	-	3	3	3	264.0	-	-	-	-
245.1	1	2	1	2	254.1	-	1	1	1	264.1	-	-	-	-
245.2	7	52	45	52	254.8	4	4	-	4	264.2	-	-	-	-
245.3	-	-	-	-	254.9	-	1	1	1	264.3	-	-	-	-
245.4	1	1	-	1	255.0	39	212	173	212	264.4	-	-	-	-
245.8	-	7	7	7	255.1	5	21	16	21	264.5	-	-	-	-
245.9	4	37	33	38	255.2	8	13	5	13	264.6	-	-	-	-
246.0	-	-	-	-	255.3	1	6	5	6	264.7	-	-	-	-
246.1	-	-	-	-	255.4	153	980	827	980	264.8	-	-	-	-
246.2	2	6	4	6	255.5	-	7	7	7	264.9	-	-	-	-
246.3	-	5	5	5	255.6	-	3	3	3	265.0	3	9	6	9
246.8	3	59	56	59	255.8	6	42	36	42	265.1	13	48	35	49
246.9	28	174	146	181	255.9	12	48	36	51	265.2	-	1	1	1
250.0	45914	162022	116137	190470	256.0	-	1	1	1	266.0	-	2	2	3
250.1	1766	2887	1123	1780	256.1	-	-	-	-	266.1	-	1	1	1
250.2	919	1431	512	893	256.2	-	-	-	-	266.2	13	361	348	425
250.3	6606	13507	6927	2028	256.3	-	2	2	2	266.9	-	2	2	2
250.4	81	364	284	160	256.4	-	3	3	3	267	4	12	8	12
250.5	409	1142	733	418	256.8	-	-	-	-	268.0	1	8	7	9
250.6	4868	12139	7277	102	256.9	-	-	-	-	268.1	-	-	-	-
250.7	1090	2651	1562	297	257.0	-	1	1	1	268.2	3	21	19	25
250.9	114	131	18	162	257.1	-	-	-	-	268.9	-	4	4	4
251.0	21	64	44	101	257.2	-	15	15	15	269.0	-	3	3	4
251.1	6	9	3	9	257.8	-	-	-	-	269.1	1	4	3	4
251.2	154	1253	1099	1270	257.9	-	-	-	-	269.2	-	11	11	11
251.3	..	-	-	-	258.0	-	-	-	-	269.3	-	3	3	5
251.4	-	-	-	-	258.1	-	1	1	1	269.8	6	22	16	22
251.5	12	38	26	38	258.8	-	1	1	1	269.9	131	1156	1025	1200
251.8	2	35	33	35	258.9	-	6	6	6	270.0	6	14	8	14
251.9	-	-	-	-	259.0	-	-	-	-	270.1	4	8	4	8
252.0	91	461	370	461	259.1	-	-	-	-	270.2	1	6	5	6
252.1	13	111	98	111	259.2	39	78	39	78	270.3	7	8	1	8
252.8	-	-	-	-	259.3	-	2	2	2	270.4	9	11	2	11
252.9	2	10	8	10	259.4	34	78	44	78	270.5	1	1	-	1

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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	39	63	24	63	276.6	46	377	331	377	283.0	108	297	189	298
270.7	5	8	3	8	276.7	275	3962	3687	3962	283.1	59	247	188	248
270.8	4	5	1	5	276.8	118	859	741	860	283.2	16	30	14	30
270.9	2	3	1	4	276.9	406	3181	2775	4577	283.9	16	43	27	43
271.0	28	38	10	38	277.0	430	483	53	483	284.0	86	170	84	29
271.1	2	4	2	4	277.1	8	45	37	45	284.8	436	3437	3001	3601
271.2	-	-	-	-	277.2	-	-	-	-	284.9	795	1783	989	1897
271.3	12	246	234	246	277.3	813	1200	388	1200	285.0	108	297	189	290
271.4	1	9	8	9	277.4	3	11	8	11	285.1	23	81	58	64
271.8	4	4	-	4	277.5	49	61	12	61	285.8	111	269	158	266
271.9	-	-	-	-	277.6	155	216	61	216	285.9	1634	31995	30369	32950
272.0	1174	4266	3092	4302	277.8	42	72	30	72	286.0	88	285	197	286
272.1	30	90	65	126	277.9	373	1630	1257	1871	286.1	6	19	13	19
272.2	13	56	43	20	278.0	1983	10744	8761	10816	286.2	1	5	4	5
272.3	1	4	3	4	278.1	1	2	1	2	286.3	44	129	85	129
272.4	1584	5895	4311	5911	278.2	-	-	-	-	286.4	13	43	30	43
272.5	53	206	153	206	278.3	-	-	-	-	286.5	19	44	25	44
272.6	2	4	2	4	278.4	-	-	-	-	286.6	625	3911	3286	3911
272.7	69	102	33	102	278.8	113	198	85	198	286.7	2	8	6	8
272.8	15	54	39	54	279.0	34	122	88	124	286.9	446	3291	2845	3361
272.9	11	39	28	39	279.1	16	65	49	65	287.0	4	17	13	17
273.0	5	21	16	21	279.2	14	28	14	27	287.1	9	27	18	27
273.1	28	223	195	223	279.3	681	1209	533	1385	287.2	4	29	25	31
273.2	55	135	80	135	279.4	208	340	132	357	287.3	309	888	579	888
273.3	300	607	307	607	279.8	6	12	6	14	287.4	5	37	32	37
273.8	100	971	871	971	279.9	2	8	6	8	287.5	434	4450	4016	4512
273.9	7	32	25	34	280	87	1417	1330	1349	287.8	-	3	3	3
274.0	24	260	236	210	281.0	113	1438	1326	1438	287.9	36	195	159	242
274.1	16	19	13	9	281.1	3	18	15	18	288.0	337	2815	2479	2820
274.8	-	4	4	1	281.2	9	103	94	103	288.1	17	43	26	43
274.9	51	1408	1364	1478	281.3	-	2	2	2	288.2	7	9	2	9
275.0	206	552	346	572	281.4	1	3	2	2	288.3	21	53	32	53
275.1	17	24	7	24	281.8	8	207	199	-	288.8	73	459	386	461
275.2	11	65	54	65	281.9	58	227	176	102	288.9	2	5	3	5
275.3	14	52	38	52	282.0	5	26	21	26	289.0	3	64	61	64
275.4	125	3063	2938	3063	282.1	-	2	2	2	289.1	-	-	-	-
275.8	-	-	-	-	282.2	-	4	4	4	289.2	2	5	3	5
275.9	-	-	-	-	282.3	8	12	4	12	289.3	5	19	14	20
276.0	398	1685	1287	1685	282.4	34	125	91	125	289.4	16	140	124	140
276.1	198	1687	1489	1687	282.5	7	43	36	46	289.5	118	524	406	525
276.2	771	6624	5855	7732	282.6	466	689	223	691	289.6	-	4	4	4
276.3	8	65	57	65	282.7	6	13	7	17	289.7	1	5	4	5
276.4	1	4	3	4	282.8	-	2	2	2	289.8	2925	6522	3597	6559
276.5	3979	28980	25001	28995	282.9	135	496	361	505	289.9	109	552	443	679

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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, 1996

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	4279	15196	10924	15101	296.8	4	10	6	10	302.5	-	-	-	-
290.1	11877	24174	12297	22664	296.9	6	53	47	60	302.6	-	-	-	-
290.2	186	1120	947	50	297.0	-	-	-	-	302.7	-	1	1	1
290.3	12	20	8	1	297.1	3	72	69	72	302.8	-	5	5	5
290.4	3623	10644	7022	9320	297.2	-	1	1	1	302.9	-	1	1	1
290.8	1	1	-	1	297.3	2	8	6	8	303	5264	15467	10206	21183
290.9	-	7	7	3	297.8	-	2	2	2	304.0	34	80	46	80
291.0	132	228	102	244	297.9	12	173	161	174	304.1	1	3	2	3
291.1	10	8	4	6	298.0	-	-	-	-	304.2	10	39	29	39
291.2	123	153	108	147	298.1	-	1	1	1	304.3	-	2	2	2
291.3	-	-	-	-	298.2	-	2	2	2	304.4	-	1	1	1
291.4	-	-	-	-	298.3	-	-	-	-	304.5	-	-	-	-
291.5	-	-	-	-	298.4	-	-	-	-	304.6	10	42	32	42
291.8	120	208	97	251	298.8	-	2	2	2	304.7	-	1	1	1
291.9	14	158	153	1	298.9	10514	30758	20257	31257	304.8	-	1	1	1
292.0	7	13	6	13	299.0	2	23	21	23	304.9	280	478	198	481
292.1	-	-	-	-	299.1	1	2	1	2	305.0	849	3970	3122	7107
292.2	-	-	-	-	299.8	-	-	-	-	305.1	372	27571	27199	27571
292.8	1	3	2	3	299.9	1	1	-	1	305.2	3	60	57	60
292.9	-	4	4	4	300.0	18	897	879	898	305.3	-	3	3	3
293.0	2	4	2	4	300.1	4	12	8	13	305.4	3	31	28	31
293.1	-	-	-	-	300.2	2	21	19	20	305.5	155	425	270	425
293.8	-	1	1	1	300.3	3	38	35	38	305.6	304	1212	908	1212
293.9	-	4	4	4	300.4	18	238	220	238	305.7	25	123	98	123
294.0	13	98	85	98	300.5	1	17	16	17	305.8	2	18	16	18
294.8	-	-	-	-	300.6	-	-	-	-	305.9	781	4532	3751	4777
294.9	286	4393	4124	36875	300.7	-	2	2	2	306.0	-	-	-	-
295.0	143	270	127	270	300.8	1	5	4	4	306.1	-	3	3	3
295.1	-	1	1	1	300.9	44	262	218	274	306.2	3	25	22	25
295.2	9	34	25	34	301.0	-	9	9	9	306.3	-	-	-	-
295.3	28	304	276	304	301.1	-	2	2	2	306.4	1	8	7	8
295.4	-	-	-	-	301.2	-	5	5	5	306.5	-	-	-	-
295.5	-	-	-	-	301.3	-	5	5	5	306.6	-	-	-	-
295.6	52	554	502	554	301.4	-	1	1	1	306.7	-	-	-	-
295.7	8	118	110	118	301.5	-	-	-	-	306.8	-	1	1	1
295.8	2	3	1	3	301.6	-	3	3	3	306.9	1	2	1	2
295.9	178	2210	2032	2216	301.7	-	1	1	1	307.0	-	-	-	-
296.0	2	12	10	12	301.8	-	3	3	3	307.1	73	144	71	144
296.1	31	197	166	197	301.9	5	78	73	79	307.2	4	12	8	12
296.2	3	9	6	9	302.0	-	6	6	6	307.3	-	-	-	-
296.3	6	37	31	37	302.1	-	-	-	-	307.4	-	1	1	1
296.4	-	-	-	-	302.2	-	-	-	-	307.5	173	637	464	637
296.5	39	677	638	677	302.3	-	-	-	-	307.6	-	-	-	-
296.6	19	273	254	273	302.4	-	-	-	-	307.7	-	-	-	-

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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, 1996

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	1	2	1	2	333.5	12	59	47	59
307.9	19	158	139	203	315.9	1	13	12	13	333.6	13	19	6	19
308.0	-	2	2	2	316	1	3	2	3	333.7	1	3	2	3
308.1	-	-	-	-	317	-	35	35	35	333.8	43	186	143	186
308.2	-	-	-	-	318.0	4	14	10	14	333.9	42	95	53	97
308.3	1	2	1	2	318.1	71	241	170	241	334.0	68	93	25	93
308.4	-	1	1	1	318.2	40	171	131	171	334.1	5	10	5	10
308.9	33	308	275	308	319	269	1742	1453	1743	334.2	30	42	12	42
309.0	4	51	47	51	320.0	4	8	4	8	334.3	31	89	58	89
309.1	-	-	-	-	320.1	140	238	98	238	334.8	88	155	67	155
309.2	-	-	-	-	320.2	56	103	47	103	334.9	116	241	125	242
309.3	-	-	-	-	320.3	16	51	35	51	335.0	84	96	12	96
309.4	-	-	-	-	320.8	10	38	28	38	335.1	81	98	17	98
309.8	-	-	-	-	320.9	179	305	126	309	335.2	4161	4675	514	4677
309.9	-	6	6	6	322.0	2	2	1	2	335.8	-	-	-	-
310.0	1	6	5	6	322.1	-	-	-	-	335.9	3	4	1	5
310.1	-	-	-	1	322.2	7	19	12	19	336.0	46	87	41	87
310.2	6	27	21	28	322.9	344	1402	1059	1433	336.1	42	130	88	130
310.8	-	-	-	-	323.5	-	-	-	-	336.8	15	70	55	71
310.9	2742	15195	12453	15199	323.8	1	4	3	4	336.9	61	266	205	898
311	598	9836	9238	9848	323.9	247	902	657	981	337.0	-	8	8	8
312.0	-	-	-	-	324.0	108	323	215	324	337.9	23	73	50	136
312.1	-	-	-	-	324.1	21	41	20	41	340	2292	3783	1491	3783
312.2	-	-	-	-	324.9	47	123	76	126	341.0	-	1	1	1
312.3	-	-	-	-	325	22	52	30	52	341.1	4	7	3	7
312.8	-	3	3	3	326	102	160	58	160	341.8	11	22	11	22
312.9	3	27	24	27	330.0	116	141	25	141	341.9	71	134	63	141
313.0	-	-	-	-	330.1	37	42	5	42	342.0	-	2	2	2
313.1	-	-	-	-	330.8	35	38	3	38	342.1	-	17	17	18
313.2	-	-	-	-	330.9	3	4	1	5	342.9	133	5696	5563	5974
313.3	-	-	-	-	331.0	21397	41642	20246	43100	343.0	5	12	7	11
313.8	-	-	-	-	331.1	64	90	26	115	343.1	-	2	2	2
313.9	-	-	-	-	331.2	43	66	24	56	343.2	33	67	34	14
314.0	1	1	-	1	331.3	6	32	26	32	343.3	-	-	-	-
314.1	-	-	-	-	331.4	648	2233	1587	2249	343.4	1	1	-	1
314.2	-	-	-	-	331.8	23	38	16	40	343.8	1	1	-	1
314.8	-	-	-	-	331.9	382	1221	839	1341	343.9	876	1652	776	1709
314.9	-	6	6	6	332.0	11819	27416	15598	27450	344.0	272	1393	1121	1446
315.0	-	-	-	-	332.1	26	107	81	107	344.1	140	1151	1011	1152
315.1	-	-	-	-	333.0	265	427	162	394	344.2	-	7	7	7
315.2	-	3	3	3	333.1	3	77	74	77	344.3	3	45	42	45
315.3	-	-	-	-	333.2	8	38	30	38	344.4	-	16	16	16
315.4	-	14	14	14	333.3	-	-	-	-	344.5	-	4	4	4
315.5	-	-	-	-	333.4	553	760	207	760	344.6	151	797	646	797

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
344.8	89	804	715	804	352.5	-	1	1	1	358.2	-	-	-	-
344.9	57	586	529	622	352.6	8	11	3	11	358.8	13	21	8	21
345.0	3	13	10	13	352.9	9	22	13	22	358.9	205	291	86	293
345.1	227	479	252	479	353.0	1	9	8	9	359.0	28	35	7	35
345.2	-	-	-	-	353.1	-	3	3	3	359.1	662	912	250	921
345.3	496	995	499	995	353.2	2	3	1	3	359.2	172	251	79	251
345.4	5	7	2	7	353.3	-	-	-	-	359.3	1	4	3	4
345.5	1	7	6	7	353.4	-	1	1	1	359.4	7	82	75	82
345.6	5	9	4	9	353.5	-	-	-	-	359.8	22	47	25	47
345.7	2	5	3	5	353.6	-	-	-	-	359.9	104	272	168	272
345.8	-	-	-	-	353.8	-	-	-	-	360.0	3	17	14	17
345.9	592	1131	539	1171	353.9	-	-	-	-	360.1	-	-	-	-
346.0	-	-	-	-	354.0	-	13	13	13	360.2	-	-	-	-
346.1	-	-	-	-	354.1	-	-	-	-	360.3	-	-	-	-
346.2	-	4	4	4	354.2	-	-	-	-	360.4	-	2	2	2
346.8	-	3	3	3	354.3	-	-	-	-	360.5	-	-	-	-
346.9	-	89	89	89	354.4	-	1	1	1	360.6	-	-	-	-
347	2	55	53	55	354.5	1	4	3	4	360.8	-	-	-	-
348.0	18	40	22	40	354.8	2	9	7	9	360.9	-	-	-	-
348.1	2303	18576	16273	18555	354.9	-	1	1	1	361.0	-	2	2	2
348.2	42	1096	1054	1096	355.0	-	-	-	-	361.1	-	-	-	-
348.3	611	4059	3450	4178	355.1	-	-	-	-	361.2	-	-	-	-
348.4	92	3675	3584	3675	355.2	-	2	2	2	361.3	-	-	-	-
348.5	179	2911	2732	2911	355.3	-	2	2	2	361.8	-	-	-	-
348.8	78	826	748	827	355.4	-	1	1	1	361.9	-	12	12	12
348.9	306	964	659	1554	355.5	-	-	-	-	362.1	1	22	21	185
349.0	-	-	-	-	355.6	-	-	-	-	362.2	-	2	2	2
349.1	-	-	-	-	355.7	-	1	1	1	362.3	1	3	2	3
349.2	-	1	1	1	355.8	2	12	10	12	362.4	-	-	-	-
349.8	276	537	261	537	355.9	65	464	404	852	362.5	1	248	247	248
349.9	72	169	97	252	356.0	2	3	1	3	362.6	-	15	15	15
350.1	6	120	114	120	356.1	35	115	80	115	362.7	1	27	26	27
350.2	-	-	-	-	356.2	3	7	4	7	362.8	1	5	4	8
350.8	-	-	-	-	356.3	1	1	-	1	362.9	-	3	3	3
350.9	-	-	-	-	356.4	1	2	1	2	363.0	-	-	-	-
351.0	1	55	54	55	356.8	536	753	217	753	363.1	-	-	-	-
351.1	-	-	-	-	356.9	153	665	513	1079	363.2	-	84	84	88
351.8	-	2	2	2	357.0	172	359	187	360	363.3	-	-	-	-
351.9	-	1	1	1	357.5	1	6	6	6	363.4	-	3	3	3
352.0	-	-	-	-	357.6	-	-	-	-	363.5	-	-	-	-
352.1	-	1	1	1	357.7	-	1	1	1	363.6	1	2	1	2
352.2	-	1	1	1	357.8	-	1	1	1	363.7	-	-	-	-
352.3	-	1	1	1	357.9	6	49	43	75	363.8	-	-	-	-
352.4	-	1	1	1	358.0	365	941	576	941	363.9	-	1	1	1

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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	-	1	1	1	369.0	7	1332	1325	1332	374.2	-	-	-	-
364.1	-	-	-	-	369.1	-	-	-	-	374.3	-	-	-	-
364.2	-	-	-	-	369.2	-	1	1	1	374.4	-	-	-	-
364.3	-	3	3	4	369.3	-	-	-	-	374.5	-	-	-	-
364.4	-	1	1	1	369.6	-	25	25	25	374.8	-	-	-	-
364.5	-	-	-	-	369.7	-	-	-	-	374.9	-	-	-	-
364.6	-	-	-	-	369.8	-	-	-	-	375.0	-	-	-	-
364.7	-	-	-	-	369.9	-	43	43	43	375.1	-	-	-	-
364.8	-	-	-	-	370.0	-	3	3	4	375.2	-	-	-	-
364.9	-	-	-	-	370.2	-	1	1	1	375.3	1	2	1	2
365.0	-	1	1	1	370.3	-	-	-	-	375.4	-	-	-	-
365.1	-	2	2	2	370.4	-	-	-	-	375.5	-	-	-	-
365.2	-	-	-	-	370.5	-	1	1	1	375.6	-	-	-	-
365.3	-	-	-	-	370.6	1	1	-	1	375.8	-	-	-	-
365.4	-	-	-	-	370.8	-	-	-	-	375.9	-	-	-	-
365.5	-	-	-	-	370.9	-	2	2	2	376.0	4	22	18	22
365.6	-	-	-	-	371.0	-	2	2	2	376.1	-	1	1	1
365.8	-	-	-	-	371.1	-	-	-	-	376.3	-	3	3	3
365.9	5	1198	1193	1203	371.2	-	-	-	-	376.4	-	-	-	-
366.0	-	2	2	2	371.3	-	-	-	-	376.5	-	-	-	-
366.1	-	4	4	4	371.4	-	2	2	2	376.6	-	-	-	-
366.2	-	-	-	-	371.5	-	3	3	3	376.8	-	-	-	-
366.3	-	-	-	1	371.6	-	-	-	-	376.9	1	2	1	2
366.4	-	-	-	-	371.7	-	-	-	-	377.0	-	2	2	2
366.5	-	-	-	-	371.8	-	-	-	-	377.1	-	1	1	1
366.8	-	-	-	-	371.9	-	2	2	2	377.2	-	-	-	-
366.9	-	186	186	223	372.0	-	1	1	1	377.3	1	7	6	7
367.0	-	-	-	-	372.1	-	-	-	-	377.4	-	1	1	1
367.1	-	-	-	-	372.2	-	-	-	-	377.5	-	-	-	-
367.2	-	-	-	-	372.3	-	19	19	19	377.6	-	-	-	-
367.3	-	-	-	-	372.4	-	1	1	1	377.7	-	-	-	-
367.4	-	-	-	-	372.5	-	2	2	2	377.9	-	1	1	1
367.5	-	1	1	1	372.6	-	-	-	-	378.0	-	-	-	-
367.8	-	-	-	-	372.7	-	1	1	1	378.1	-	-	-	-
367.9	-	-	-	-	372.8	-	-	-	-	378.2	-	-	-	-
368.0	-	4	4	4	372.9	-	-	-	-	378.3	-	-	-	-
368.1	-	2	2	2	373.0	-	3	3	3	378.4	-	-	-	-
368.2	-	2	2	2	373.1	-	-	-	-	378.5	1	1	-	1
368.3	-	-	-	-	373.2	-	-	-	-	378.6	-	-	-	-
368.4	-	5	5	5	373.3	-	-	-	-	378.7	-	-	-	-
368.5	-	-	-	-	373.8	-	-	-	-	378.8	-	3	3	3
368.6	-	-	-	-	373.9	-	1	1	1	378.9	-	4	4	5
368.8	-	-	-	-	374.0	-	-	-	-	379.0	-	-	-	-
368.9	-	-	-	-	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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
379.2	-	3	3	3	385.3	-	2	2	2	394.9	1473	3220	1747	3311
379.3	-	-	-	-	385.8	-	-	-	-	395.0	129	156	27	311
379.4	-	5	5	5	385.9	-	-	-	-	395.1	18	22	4	96
379.5	-	2	2	2	386.0	3	35	32	35	395.2	3	8	5	-
379.8	-	2	2	2	386.1	-	6	6	6	395.9	47	62	15	95
379.9	-	9	9	10	386.2	-	-	-	-	396	907	1835	930	1613
380.0	-	-	-	-	386.3	1	17	16	17	397.0	181	759	578	759
380.1	1	14	13	14	386.4	-	-	-	-	397.1	-	4	4	4
380.2	-	-	-	-	386.5	-	-	-	-	397.9	294	405	111	537
380.3	-	-	-	-	386.8	-	-	-	-	398.0	-	1	1	5
380.4	-	-	-	-	386.9	-	-	-	-	398.9	965	1548	583	2519
380.5	-	-	-	-	387.0	-	-	-	-	401.0	36	424	388	541
380.8	-	-	-	-	387.1	-	-	-	-	401.1	8	122	114	144
380.9	-	-	-	-	387.2	-	-	-	-	401.9	7259	144687	137441	173746
381.0	-	-	-	-	387.8	-	-	-	-	402.0	30	29	10	1
381.1	-	-	-	-	387.9	-	6	6	6	402.1	6	10	4	-
381.2	-	-	-	-	388.0	1	20	19	20	402.9	26152	44320	18627	36664
381.3	-	-	-	-	388.1	-	-	-	-	403.0	27	71	44	1
381.4	-	-	-	-	388.2	-	-	-	-	403.1	4	21	17	10
381.5	-	-	-	-	388.3	-	3	3	3	403.9	5611	17474	11950	3794
381.6	-	-	-	-	388.4	-	-	-	-	404.0	7	10	5	1
381.7	-	-	-	-	388.5	-	1	1	1	404.1	1	1	-	-
381.8	-	-	-	-	388.6	-	-	-	-	404.9	2493	3414	1360	275
381.9	-	-	-	-	388.7	-	-	-	-	410	213532	249012	35479	249011
382.0	-	-	-	-	388.8	-	1	1	1	411	2889	5904	3015	5904
382.1	-	-	-	-	388.9	-	1	1	1	412	574	3781	3207	3781
382.2	-	-	-	-	389.0	-	-	-	-	413	829	4381	3552	4381
382.3	-	-	-	-	389.1	-	20	20	20	414.0	137104	224423	87322	224423
382.4	1	1	-	1	389.2	-	-	-	-	414.1	248	691	443	691
382.9	36	106	70	106	389.7	-	29	29	29	414.8	18980	30267	11289	30267
383.0	1	2	1	2	389.8	-	3	3	3	414.9	101968	202064	100105	216732
383.1	-	1	1	1	389.9	3	419	416	419	415.0	8	102	94	102
383.2	-	-	-	-	390	18	78	60	96	415.1	9027	24867	15840	24867
383.3	...	-	-	-	391.0	17	50	33	52	416.0	1991	6037	4046	6037
383.8	-	-	-	-	391.1	20	26	6	51	416.1	87	227	140	12
383.9	10	30	20	31	391.2	2	3	1	6	416.8	1	2	1	2
384.0	-	-	-	-	391.8	27	36	9	11	416.9	962	7464	6502	7907
384.1	-	-	-	-	391.9	29	36	7	59	417.0	-	-	-	-
384.2	-	3	3	3	392.0	-	-	-	-	417.1	16	20	4	20
384.8	-	2	2	2	392.9	1	2	1	2	417.8	20	71	51	71
384.9	-	-	-	-	393	1	1	-	1	417.9	25	72	47	80
385.0	-	-	-	-	394.0	737	1289	553	1413	420.9	41	140	99	141
385.1	-	-	-	-	394.1	85	121	36	358	421.0	830	1967	1137	2003
385.2	-	-	-	-	394.2	52	74	23	1	421.9	13	36	23	40

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
422.9	248	387	139	387	429.4	..	13	13	13	442.1	34	55	21	55
423.0	38	766	728	766	429.5	15	40	25	40	442.2	190	301	111	301
423.1	7	47	40	47	429.6	9	146	137	146	442.3	49	122	73	122
423.2	68	179	111	180	429.8	515	1558	1043	1586	442.8	107	246	139	256
423.8	8	45	37	45	429.9	3787	12583	8804	23821	442.9	306	455	149	647
423.9	316	3281	2965	3555	430	6891	7923	1046	7338	443.0	17	106	89	106
424.0	2287	5840	3553	5839	431	19363	26313	6957	26851	443.1	18	56	38	56
424.1	10891	23372	12481	23372	432.0	4	11	7	11	443.8	25	62	37	62
424.2	7	67	60	67	432.1	535	1421	887	1439	443.9	6406	22571	16841	31970
424.3	4	30	26	30	432.9	3671	5088	1426	5449	444.0	78	175	97	175
424.9	3992	8059	4069	8771	433.0	236	310	74	339	444.1	261	580	319	580
425.0	1	1	-	1	433.1	1116	2450	1334	2456	444.2	453	1675	1222	1675
425.1	267	483	216	483	433.2	29	41	12	68	444.8	63	306	243	306
425.2	-	-	-	-	433.3	41	80	39	49	444.9	450	1386	937	1807
425.3	80	107	27	107	433.8	7	12	5	13	446.0	108	199	91	199
425.4	25802	35218	9421	35228	433.9	1	6	5	6	446.1	7	8	1	8
425.5	800	610	154	662	434.0	4827	6993	2166	6993	446.2	94	164	70	164
425.9	551	15223	14679	16890	434.1	672	2105	1433	2105	446.3	5	7	2	7
426.0	308	2496	2188	2496	434.9	8195	14570	6376	15095	446.4	309	499	190	499
426.1	21	296	275	296	435	395	2692	2297	2692	446.5	122	658	536	658
426.2	-	1	1	1	436	92625	168360	75740	175149	446.6	352	426	74	426
426.3	14	266	252	266	437.0	3501	15040	11555	14595	446.7	27	36	9	36
426.4	6	161	155	161	437.1	828	2289	1461	2340	447.0	22	46	24	46
426.5	4	89	85	89	437.2	68	117	53	102	447.1	151	400	249	400
426.6	5	70	65	70	437.3	465	783	318	2369	447.2	163	382	219	382
426.7	34	91	57	91	437.4	94	138	44	139	447.3	-	1	1	1
426.8	215	1775	1560	1775	437.5	15	17	2	17	447.4	-	3	3	3
426.9	167	1275	1108	1275	437.6	-	-	-	-	447.5	2	5	3	5
427.0	24	322	298	322	437.8	56	379	325	189	447.6	551	1402	851	1454
427.1	472	6789	6318	6789	437.9	6458	16946	10497	24895	447.8	11	32	21	32
427.2	3	24	21	24	438	9849	22835	12987	22835	447.9	348	572	226	869
427.3	6200	53632	47432	53632	440.0	42	426	384	652	448.0	37	84	47	84
427.4	1503	19520	18017	19520	440.1	52	325	273	355	448.1	-	1	1	1
427.5	27540	354661	327121	354662	440.2	762	3259	2500	2428	448.9	23	65	42	66
427.6	34	464	430	464	440.8	5	40	35	42	451.0	1	3	2	3
427.8	730	6351	5621	6352	440.9	15879	74034	58165	81984	451.1	621	1659	1038	1660
427.9	6142	52670	46528	68314	441.0	3350	3704	354	3704	451.2	373	853	480	853
428.0	43837	259998	216171	266027	441.1	1245	1320	75	1371	451.8	23	51	28	51
428.1	96	568	472	1473	441.2	731	1517	786	1707	451.9	249	957	708	973
428.9	3297	23796	20499	26240	441.3	6393	6825	432	6802	452	59	174	115	174
429.0	488	1341	855	1273	441.4	2101	5970	3870	6456	453.0	54	145	91	145
429.1	232	605	373	617	441.5	1885	1999	114	2215	453.1	6	57	51	57
429.2	68514	107982	39478	110133	441.6	682	1830	1148	2097	453.2	29	205	176	205
429.3	942	6553	5613	6785	442.0	-	-	-	-	453.3	6	33	27	33

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
453.8	123	470	347	470	463	5	7	2	7	478.8	-	-	-	
453.9	165	2347	2182	2935	464.0	9	25	16	27	478.9	4	6	2	
454.0	54	238	184	237	464.1	14	35	21	42	480.0	10	25	15	
454.1	10	81	72	87	464.2	10	12	2	10	480.1	56	116	60	
454.2	6	16	10	4	464.3	26	35	9	35	480.2	3	11	8	
454.9	100	287	187	299	464.4	3	4	1	4	480.8	-	3	3	
455.0	1	1	-	1	465.0	-	-	-	-	480.9	382	563	183	
455.1	-	-	-	-	465.8	-	-	-	-	481	2424	4229	1805	
455.2	-	-	-	-	465.9	123	596	474	672	482.0	155	398	243	
455.3	-	-	-	-	466.0	402	1471	1070	1600	482.1	378	1329	951	
455.4	-	-	-	-	466.1	84	202	118	203	482.2	68	156	88	
455.5	-	-	-	-	470	-	1	1	1	482.3	382	660	278	
455.6	5	40	35	45	471.0	-	-	-	-	482.4	749	1740	991	
455.7	-	1	1	1	471.1	-	-	-	-	482.8	166	375	209	
455.8	1	19	18	14	471.8	-	-	-	-	482.9	1381	2877	1501	
455.9	2	2	-	2	471.9	1	9	8	9	483	112	136	24	
456.0	216	2567	2351	1101	472.0	-	16	16	16	485	3913	11055	7142	
456.1	52	782	731	2267	472.1	-	-	-	-	486	72803	180298	107503	
456.3	-	-	-	-	472.2	-	-	-	-	487.0	299	365	66	
456.4	-	-	-	-	473.0	7	22	15	22	487.1	429	636	223	
456.5	1	1	-	1	473.1	1	1	-	1	487.8	17	35	21	
456.6	-	-	-	-	473.2	2	5	3	5	490	574	1950	1378	
456.8	30	325	295	325	473.3	5	6	1	7	491.0	93	20	17	
457.0	-	-	-	-	473.8	11	26	15	26	491.1	34	47	21	
457.1	38	274	236	274	473.9	70	274	204	282	491.2	1751	2942	1191	
457.2	2	30	28	30	474.0	-	2	2	2	491.8	178	321	150	
457.8	26	91	65	91	474.1	2	4	2	4	491.9	521	1708	1189	
457.9	-	-	-	-	474.2	-	-	-	-	492	17286	33313	16027	
458.0	14	145	132	179	474.8	-	6	6	6	493.0	251	324	73	
458.1	-	-	-	-	474.9	-	12	12	13	493.1	6	20	14	
458.9	848	8970	8122	8971	475	11	15	4	15	493.9	5410	11916	6526	
459.0	525	4014	3493	4393	476.0	-	1	1	1	494	1128	2086	958	
459.1	-	4	4	4	476.1	-	-	-	-	495.0	11	15	4	
459.2	28	696	668	696	477.0	-	1	1	1	495.1	2	2	-	
459.8	21	81	60	81	477.8	-	-	-	-	495.2	1	1	-	
459.9	554	1121	573	6385	477.9	1	35	34	51	495.3	-	-	-	
460	4	10	8	15	478.0	-	-	-	-	495.4	-	-	-	
461.0	-	-	-	-	478.1	7	17	10	17	495.5	-	-	-	
461.1	-	-	-	-	478.2	99	237	138	237	495.6	-	-	-	
461.2	-	-	-	-	478.3	32	159	127	159	495.7	-	-	-	
461.3	-	-	-	-	478.4	6	14	8	14	495.8	-	-	-	
461.8	-	-	-	-	478.5	3	7	4	7	495.9	-	-	-	
461.9	8	16	8	16	478.6	14	51	37	51	496	78756	182111	103369	
462	12	36	24	36	478.7	50	193	143	197	500	536	1417	881	

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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, 1996

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	358	1176	818	1176	519.3	41	145	104	145	524.1	-	1	1	1
502	100	212	112	213	519.4	29	95	66	95	524.2	-	-	-	-
503	9	14	5	14	519.8	531	1736	1205	1993	524.3	-	-	-	-
504	3	9	6	9	519.9	199	658	460	1063	524.4	-	-	-	-
505	110	303	193	336	520.0	-	1	1	1	524.5	-	-	-	-
506.0	19	28	9	28	520.1	-	-	-	-	524.6	-	4	4	4
506.1	2	4	2	4	520.2	-	1	1	1	524.8	-	-	-	-
506.2	1	1	-	1	520.3	-	-	-	-	524.9	-	1	1	1
506.3	-	-	-	-	520.4	-	-	-	-	525.0	-	2	2	2
506.4	2	4	2	4	520.5	-	-	-	-	525.1	-	1	1	1
506.9	-	-	-	-	520.6	-	-	-	-	525.2	-	-	-	-
507.0	10303	44798	34495	44807	520.7	-	1	1	1	525.3	-	-	-	-
507.1	6	8	2	9	520.8	-	-	-	-	525.8	2	8	6	8
507.8	1	2	1	2	520.9	-	-	-	-	525.9	1	13	12	13
508.0	22	286	264	286	521.0	-	15	15	15	526.0	-	-	-	-
508.1	6	74	68	74	521.1	-	-	-	-	526.1	-	-	-	-
508.8	1	16	15	16	521.2	-	-	-	-	526.2	-	1	1	1
508.9	-	1	1	1	521.3	-	-	-	-	526.3	-	-	-	-
510.0	58	291	233	293	521.4	-	-	-	-	526.4	2	8	6	8
510.9	241	1018	777	1056	521.5	-	-	-	-	526.5	-	-	-	-
511.0	44	253	209	279	521.6	-	-	-	-	526.8	-	1	1	1
511.1	2	2	-	2	521.7	-	-	-	-	526.9	2	6	4	6
511.8	49	503	454	503	521.8	-	-	-	-	527.0	-	-	-	-
511.9	761	9663	8902	9671	521.9	-	-	-	-	527.1	-	-	-	-
512	339	2757	2418	2763	522.0	-	-	-	-	527.2	39	121	82	121
513.0	308	992	684	998	522.1	1	1	-	1	527.3	5	16	11	16
513.1	5	22	17	22	522.2	-	-	-	-	527.4	-	-	-	-
514	656	14466	13810	14470	522.3	1	1	-	1	527.5	-	1	1	1
515	7632	13229	5598	13460	522.4	2	7	5	7	527.6	-	-	-	-
516.0	18	22	4	22	522.5	8	25	17	25	527.7	-	-	-	-
516.2	-	-	-	-	522.6	-	-	-	-	527.8	-	1	1	1
516.3	136	172	36	172	522.7	-	-	-	-	527.9	1	3	2	3
516.8	634	839	205	844	522.8	-	-	-	-	528.0	5	30	25	30
516.9	4	5	2	5	522.9	-	-	-	-	528.1	-	1	1	1
518.0	195	1422	1227	1423	523.0	-	-	-	-	528.2	-	3	3	3
518.1	24	58	34	58	523.1	2	10	8	10	528.3	1	7	6	7
518.2	-	2	2	2	523.2	-	-	-	-	528.4	-	-	-	-
518.3	211	513	302	513	523.3	-	2	2	2	528.5	-	3	3	3
518.4	170	3607	3438	3697	523.4	-	3	3	3	528.6	-	2	2	2
518.5	1630	12663	11033	12651	523.5	-	-	-	-	528.7	-	-	-	-
518.8	3918	12816	8909	15737	523.6	-	-	-	-	528.8	-	-	-	-
519.0	24	33	9	33	523.8	1	3	2	3	528.9	14	49	35	49
519.1	207	1166	959	1249	523.9	1	7	6	7	529.0	1	5	4	5
519.2	43	203	160	204	524.0	-	6	6	6	529.1	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
529.2	-	-	-	-	534.0	-	-	-	-	551.9	33	39	8	2
529.3	-	-	-	-	534.1	-	-	-	-	552.0	42	77	35	83
529.4	-	-	-	-	534.2	-	-	-	-	552.1	57	78	21	67
529.5	-	-	-	-	534.3	-	-	-	-	552.2	160	247	87	192
529.6	-	-	-	-	534.4	49	87	38	5	552.3	76	134	58	64
529.8	-	17	17	17	534.5	2	9	7	10	552.8	11	15	4	10
529.9	-	3	3	3	534.6	1	1	-	-	552.9	160	265	106	297
530.0	94	207	113	207	534.7	-	1	1	2	553.0	4	10	6	24
530.1	796	3715	2919	3716	534.9	4	18	14	100	553.1	34	131	97	157
530.2	89	366	277	366	535.0	48	131	83	141	553.2	104	327	225	437
530.3	269	1155	886	1190	535.1	45	230	185	230	553.3	338	1608	1272	1696
530.4	189	361	172	361	535.2	1	3	2	3	553.8	6	15	9	25
530.5	330	621	291	621	535.3	61	52	28	38	553.9	75	262	187	303
530.6	80	152	72	152	535.4	122	475	353	478	555.0	7	14	7	16
530.7	63	136	73	136	535.5	215	1525	1310	1541	555.1	26	70	44	72
530.8	183	994	811	1141	535.6	3	84	81	84	555.2	1	2	1	-
530.9	45	100	55	121	536.0	-	-	-	-	555.9	424	1180	756	1184
531.0	17	27	11	9	536.1	5	17	12	17	556	421	1205	784	1205
531.1	3	6	3	5	536.2	7	23	16	23	557.0	3996	7075	3080	7544
531.2	-	-	-	-	536.8	69	354	285	422	557.1	645	1086	441	1086
531.3	2	12	10	32	536.9	50	280	230	281	557.9	3557	7067	3511	7738
531.4	734	1360	626	323	537.0	104	578	474	578	558	1171	3966	2796	4131
531.5	575	1048	474	1108	537.1	1	1	-	1	560.0	21	29	8	29
531.6	39	71	32	2	537.2	-	-	1	1	560.1	348	1702	1354	1730
531.7	4	39	35	56	537.3	8	78	70	78	560.2	663	1045	382	1088
531.9	172	1023	852	2116	537.4	38	153	115	153	560.3	175	374	200	368
532.0	10	22	12	9	537.5	-	1	1	1	560.8	334	616	283	119
532.1	4	10	6	11	537.6	-	-	-	-	560.9	3532	11363	7832	12520
532.2	2	3	1	2	537.8	102	383	281	546	562.0	23	44	21	44
532.3	1	8	7	22	537.9	110	369	259	411	562.1	3114	6210	3096	6212
532.4	707	1302	595	469	540.0	309	590	281	552	564.0	70	379	309	379
532.5	703	1169	466	1253	540.1	22	45	23	44	564.1	18	187	169	187
532.6	66	105	39	4	540.9	35	60	25	99	564.2	-	27	27	27
532.7	6	43	37	62	541	55	112	57	148	564.3	...	-	-	-
532.9	101	608	507	1523	542	-	1	1	1	564.4	-	-	-	-
533.0	12	20	10	-	543	3	6	3	6	564.5	-	1	1	1
533.1	-	1	1	2	550.0	24	28	7	-	564.6	-	-	-	-
533.2	1	2	1	1	550.1	166	263	97	251	564.7	60	208	148	214
533.3	4	7	4	29	550.9	32	196	164	241	564.8	43	131	88	131
533.4	1172	2099	927	379	551.0	9	12	3	-	564.9	9	33	24	33
533.5	417	762	345	825	551.1	12	13	2	-	565.0	2	6	4	6
533.6	36	57	21	3	551.2	47	55	8	6	565.1	20	77	57	77
533.7	6	81	75	102	551.3	9	13	4	2	566	99	220	121	220
533.9	311	4122	3812	6030	551.8	4	5	1	1	567.1	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
567.2	456	2251	1795	2300	575.2	3	11	8	18	582.8	26	61	35	41
567.8	19	132	113	143	575.3	4	7	3	7	582.9	1173	4750	3595	6172
567.9	1011	5327	4316	5580	575.4	42	77	35	77	583.0	4	8	4	8
568.0	127	361	237	874	575.5	7	18	11	20	583.1	43	65	30	79
568.8	125	422	297	422	575.6	-	4	4	4	583.2	7	13	6	14
568.9	14	51	37	51	575.8	35	117	82	117	583.4	18	25	7	25
569.0	3	13	10	13	575.9	255	735	480	769	583.6	3	10	7	10
569.1	26	84	58	84	576.0	...	1	1	1	583.7	4	18	14	-
569.2	6	21	15	21	576.1	528	1334	806	1334	583.8	59	125	67	106
569.3	111	582	471	587	576.2	229	1006	777	1087	583.9	245	708	467	1092
569.4	61	268	207	268	576.3	2	6	4	7	584.5	211	873	670	911
569.5	24	392	368	392	576.4	3	15	12	15	584.6	-	-	-	-
569.6	...	12	12	12	576.5	-	-	-	-	584.7	4	8	4	2
569.8	1551	5117	3566	5160	576.8	140	958	818	1024	584.8	-	1	1	1
569.9	398	1167	772	1760	576.9	33	67	34	101	584.9	3525	24658	21133	24874
570	298	1444	1146	1447	577.0	2402	5795	3393	5837	585	5328	24886	19567	31678
571.0	497	768	271	13	577.1	257	1057	800	1057	586	13235	73966	60732	86361
571.1	830	814	202	990	577.2	64	214	150	214	587	56	138	82	189
571.2	8269	10617	2349	4422	577.8	46	335	289	335	588.0	8	36	28	36
571.3	2483	2880	850	3226	577.9	105	261	156	292	588.1	7	22	15	22
571.4	315	714	399	715	578.0	25	202	177	217	588.8	25	112	87	112
571.5	11574	21902	10332	28274	578.1	5	45	40	48	588.9	-	1	1	1
571.6	435	662	227	664	578.9	6442	29900	23477	34920	589.0	-	-	-	-
571.8	403	1457	1054	2212	579.0	14	47	33	47	589.1	-	-	-	-
571.9	241	645	404	760	579.1	19	93	74	93	589.9	2	3	1	3
572.0	116	324	208	324	579.2	...	448	448	448	590.0	128	310	182	319
572.1	1	1	-	1	579.3	...	16	16	16	590.1	142	291	149	299
572.2	428	5446	5018	5726	579.4	-	-	-	-	590.2	65	164	99	181
572.3	116	1213	1097	1213	579.8	14	39	26	39	590.3	-	-	-	-
572.4	444	4672	4228	4672	579.9	76	322	246	327	590.8	538	1097	561	1171
572.8	2740	24525	21785	24525	580.0	-	-	-	-	590.9	23	56	33	62
573.0	20	194	174	194	580.4	-	-	-	-	591	85	616	531	616
573.3	653	1698	1047	1785	580.8	4	13	9	11	592.0	196	648	452	649
573.4	31	87	56	87	580.9	90	545	455	547	592.1	16	38	22	38
573.8	127	1193	1066	1193	581.0	-	-	-	-	592.9	17	67	50	68
573.9	1273	2817	1553	4860	581.1	4	15	11	2	593.0	1	2	1	2
574.0	96	152	56	1	581.2	-	1	1	1	593.1	-	-	-	-
574.1	219	414	195	7	581.3	2	6	5	3	593.2	1	4	3	4
574.2	672	1954	1283	2505	581.8	1	7	6	1	593.3	5	29	24	29
574.3	14	22	9	3	581.9	220	589	374	810	593.4	55	530	475	530
574.4	17	42	25	-	582.0	-	-	-	-	593.5	2	17	15	17
574.5	204	337	134	398	582.1	-	1	1	-	593.6	-	-	-	-
575.0	660	1200	540	1366	582.2	-	-	-	-	593.7	3	11	8	11
575.1	588	1457	869	1899	582.4	-	-	-	-	593.8	182	965	783	966

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
593.9	4827	24996	20197	36762	601.8	-	1	1	1	611.9	32	241	209	255
594.0	-	-	-	-	601.9	20	85	65	85	614.0	1	1	-	1
594.1	4	33	29	33	602.0	1	9	8	9	614.1	-	2	2	2
594.2	2	7	5	7	602.1	1	27	26	27	614.2	17	23	6	23
594.8	-	-	-	-	602.2	-	-	-	-	614.3	-	-	-	-
594.9	-	2	2	2	602.8	2	4	2	4	614.4	61	176	115	176
595.0	14	38	24	38	602.9	58	202	144	212	614.5	2	4	2	4
595.1	3	6	3	6	603.0	-	-	-	-	614.6	1	6	5	6
595.2	14	103	89	103	603.1	-	-	-	-	614.7	-	-	-	-
595.3	-	-	-	-	603.8	-	-	-	-	614.8	-	-	-	-
595.8	5	48	43	48	603.9	-	15	15	15	614.9	11	19	8	22
595.9	89	446	357	449	604.0	3	6	3	6	615.0	-	-	-	-
596.0	45	238	193	238	604.9	6	30	24	30	615.1	-	-	-	-
596.1	66	295	229	295	605	1	2	1	2	615.9	9	22	13	22
596.2	2	50	48	50	606	-	-	-	-	616.0	2	3	1	3
596.3	2	5	3	5	607.0	-	-	-	-	616.1	7	22	15	22
596.4	12	54	42	54	607.1	-	3	3	3	616.2	1	2	1	2
596.5	6	30	24	30	607.2	12	26	14	26	616.3	-	1	1	1
596.6	11	40	29	40	607.3	-	-	-	-	616.4	1	5	4	5
596.7	1	4	3	4	607.8	-	4	4	4	616.5	-	-	-	-
596.8	17	137	120	137	607.9	1	5	4	5	616.8	-	-	-	-
596.9	20	40	20	50	608.0	1	1	-	1	616.9	-	1	1	1
597.0	1	3	2	3	608.1	-	-	-	-	617.0	-	1	1	1
597.8	1	6	5	6	608.2	-	1	1	1	617.1	-	-	-	-
598.0	-	-	-	-	608.3	-	1	1	1	617.2	-	-	-	-
598.1	-	-	-	-	608.4	34	65	31	65	617.3	-	-	-	-
598.2	-	-	-	-	608.8	40	99	59	99	617.4	-	-	-	-
598.8	-	-	-	-	608.9	2	12	10	37	617.5	-	-	-	-
598.9	22	73	51	73	610.0	-	2	2	2	617.6	-	-	-	-
599.0	12304	32469	20165	32731	610.1	1	12	11	12	617.8	-	-	-	-
599.1	5	20	15	20	610.2	-	-	-	-	617.9	3	8	5	8
599.2	-	-	-	-	610.3	-	-	-	-	618.0	8	25	17	28
599.3	1	1	-	1	610.4	-	-	-	-	618.1	3	27	24	30
599.4	-	1	1	1	610.8	-	-	-	-	618.2	-	-	-	-
599.5	-	-	-	-	610.9	-	-	-	-	618.3	-	-	-	-
599.6	262	1296	1034	1296	611.0	10	22	12	22	618.4	1	7	6	4
599.7	31	485	454	485	611.1	-	2	2	2	618.5	-	-	-	-
599.8	6	30	24	30	611.2	-	-	-	-	618.6	1	2	1	2
599.9	22	65	43	89	611.3	-	3	3	3	618.7	-	-	-	-
600	457	2432	1975	2433	611.4	-	-	-	-	618.8	2	3	1	3
601.0	5	10	5	10	611.5	-	-	-	-	618.9	-	-	-	-
601.1	7	32	25	32	611.6	-	-	-	-	619.0	3	34	31	34
601.2	4	6	2	6	611.7	3	14	11	14	619.1	47	221	174	221
601.3	-	-	-	-	611.8	-	-	-	-	619.2	1	4	3	4

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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, 1996

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	-	2	2	2	624.2	-	1	1	1	631	-	-	-	
619.9	1	28	27	28	624.3	-	-	-	-	632	1	1	-	
620.0	-	-	-	-	624.4	-	-	-	-	633.0	1	1	1	
620.1	2	14	12	14	624.5	-	-	-	-	633.1	6	7	1	
620.2	25	57	32	59	624.6	-	-	-	-	633.2	-	-	-	
620.3	-	-	-	-	624.8	-	1	1	1	633.8	-	-	-	
620.4	-	-	-	-	624.9	-	-	-	-	633.9	17	22	5	
620.5	1	4	3	4	625.0	-	-	-	-	634.0	1	1	-	
620.6	-	-	-	-	625.1	-	-	-	-	634.1	-	-	-	
620.7	-	-	-	-	625.2	-	-	-	-	634.2	-	-	-	
620.8	-	5	5	5	625.3	-	1	1	1	634.3	-	-	-	
620.9	19	65	46	66	625.4	-	-	-	-	634.4	-	-	-	
621.0	-	3	3	3	625.5	-	-	-	-	634.5	-	1	1	
621.1	-	-	-	-	625.6	-	2	2	2	634.6	-	-	-	
621.2	-	2	2	2	625.8	-	-	-	-	634.7	-	-	-	
621.3	-	4	4	4	625.9	-	7	7	7	634.8	-	-	-	
621.4	-	-	-	-	626.0	-	-	-	-	634.9	-	2	2	
621.5	-	1	1	1	626.1	-	-	-	-	635.0	-	1	1	
621.6	-	1	1	1	626.2	-	4	4	4	635.1	-	2	2	
621.7	-	1	1	1	626.3	-	-	-	-	635.2	2	2	-	
621.8	5	17	12	17	626.4	-	-	-	-	635.3	-	-	-	
621.9	7	118	111	122	626.5	-	-	-	-	635.4	-	-	-	
622.0	-	2	2	2	626.6	-	1	1	1	635.5	-	-	-	
622.1	-	2	2	2	626.7	-	-	-	-	635.6	-	-	-	
622.2	-	-	-	-	626.8	2	4	2	4	635.7	1	2	1	
622.3	-	-	-	-	626.9	8	35	27	35	635.8	-	-	-	
622.4	2	12	10	12	627.0	-	3	3	3	635.9	2	4	2	
622.5	1	1	-	1	627.1	1	14	13	14	636.0	-	-	-	
622.6	-	-	-	-	627.2	1	24	23	24	636.1	-	-	-	
622.7	-	-	-	-	627.3	1	1	-	1	636.2	-	-	-	
622.8	-	21	21	21	627.4	-	1	1	1	636.3	-	-	-	
622.9	-	2	2	2	627.8	-	-	-	-	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	-	-	-	-	628.4	-	-	-	-	636.9	-	-	-	
623.5	-	-	-	-	628.8	-	-	-	-	637.0	5	5	3	
623.6	-	-	-	-	628.9	-	-	-	-	637.1	-	-	-	
623.7	-	1	1	1	629.0	-	-	-	-	637.2	-	-	-	
623.8	20	113	93	113	629.1	-	-	-	-	637.3	-	-	-	
623.9	-	-	-	-	629.8	1	8	7	8	637.4	-	-	-	
624.0	-	1	1	1	629.9	-	16	16	16	637.5	1	1	-	
624.1	-	-	-	-	630	1	1	-	1	637.6	-	-	-	

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
637.7	-	-	-	-	646.8	-	-	-	-	673	43	66	23	67
637.8	-	-	-	-	646.9	4	8	4	9	674	44	57	13	59
637.9	1	1	-	4	647.0	-	-	-	-	675	-	-	-	-
638.0	-	-	-	-	647.1	-	-	-	-	676	-	-	-	-
638.1	-	-	-	-	647.2	-	-	-	-	680.0	-	-	-	-
638.2	-	-	-	-	647.3	-	1	1	1	680.1	1	2	1	2
638.3	-	-	-	-	647.4	-	-	-	-	680.2	-	2	2	2
638.4	-	-	-	-	647.5	-	-	-	-	680.3	-	-	-	-
638.5	-	-	-	-	647.6	-	-	-	-	680.4	-	-	-	-
638.6	-	-	-	-	647.8	1	2	1	2	680.5	-	-	-	-
638.7	-	-	-	-	647.9	2	2	2	2	680.6	1	1	-	1
638.8	-	-	-	-	648.0	1	1	-	1	680.7	-	-	-	-
638.9	-	-	-	-	648.1	-	-	-	-	680.8	-	-	-	-
639.0	...	-	-	8	648.2	3	4	1	4	680.9	-	3	3	3
639.1	...	-	-	9	648.3	-	1	1	1	681.0	2	4	2	4
639.2	...	-	-	3	648.4	-	1	1	1	681.1	-	11	11	11
639.3	...	-	-	-	648.5	-	-	-	-	681.9	-	1	1	1
639.4	...	-	-	1	648.6	9	10	1	10	682.0	10	47	37	47
639.5	...	-	-	7	648.7	-	-	-	-	682.1	16	65	49	65
639.6	...	-	-	1	648.8	-	1	1	1	682.2	51	232	181	232
639.8	...	-	-	9	648.9	2	5	3	5	682.3	56	166	110	166
639.9	...	-	-	-	650	-	1	1	1	682.4	6	31	25	31
640	1	1	-	1	651	-	3	3	3	682.5	16	49	33	49
641	19	33	15	36	652	1	2	1	2	682.6	187	973	786	973
642.0	1	1	-	2	653	-	-	-	-	682.7	34	242	208	242
642.1	-	-	-	-	654	-	1	1	1	682.8	41	196	155	196
642.2	1	1	-	2	655	-	-	-	-	682.9	320	1708	1388	1733
642.3	-	-	-	-	656	2	5	3	5	683	-	5	5	5
642.4	11	24	13	24	657	-	-	-	-	684	5	11	6	11
642.5	7	10	3	12	658	5	10	5	10	685.0	-	2	2	2
642.6	15	17	2	18	659	-	-	-	-	685.1	-	6	6	6
642.7	1	3	2	1	660	-	1	1	1	686.0	8	41	33	41
642.9	5	5	-	10	661	1	4	3	4	686.1	10	50	40	50
643	1	2	1	2	662	-	-	-	-	686.8	-	-	-	-
644	1	1	-	1	663	-	-	-	-	686.9	138	662	524	688
645	-	1	1	1	664	-	-	-	-	690	-	8	8	8
646.0	-	-	-	-	665	8	9	1	9	691.0	1	1	-	1
646.1	-	-	-	-	666	18	32	14	30	691.8	-	11	11	11
646.2	-	-	-	1	667	3	4	1	9	692.0	-	-	-	-
646.3	-	-	-	-	668	2	2	-	4	692.1	-	-	-	-
646.4	-	-	-	-	669	22	76	54	76	692.2	-	-	-	-
646.5	-	-	-	-	670	6	15	9	15	692.3	-	-	-	-
646.6	3	6	3	6	671	10	13	3	13	692.4	-	-	-	-
646.7	2	3	1	3	672	-	-	-	-	692.5	-	-	-	-

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
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692.6	-	-	-	-	701.1	-	10	10	10	709.8	-	14	14	14
692.7	-	2	2	2	701.2	-	-	-	-	709.9	11	59	48	60
692.8	-	6	6	6	701.3	1	1	-	1	710.0	1327	2303	976	2303
692.9	14	145	131	167	701.4	-	-	-	-	710.1	1142	1783	641	1783
693.0	1	4	3	4	701.5	-	1	1	1	710.2	61	231	170	231
693.1	10	17	7	17	701.8	-	7	7	7	710.3	85	193	108	193
693.8	-	-	-	-	701.9	-	-	-	-	710.4	195	450	255	450
693.9	-	1	1	1	702.0	-	4	4	4	710.8	3	6	3	6
694.0	-	5	5	5	703.0	-	-	-	-	710.9	151	268	117	305
694.1	-	2	2	2	703.8	-	-	-	-	711.0	125	274	149	274
694.2	-	-	-	-	703.9	-	-	-	-	711.9	10	22	12	21
694.3	-	-	-	-	704.0	-	5	5	5	712.8	-	-	-	-
694.4	53	175	122	175	704.1	-	-	-	-	712.9	-	-	-	-
694.5	70	415	345	415	704.2	1	2	1	2	714.0	1869	9695	7826	9695
694.6	1	1	-	1	704.3	-	-	-	-	714.1	29	116	87	116
694.8	-	-	-	-	704.8	-	1	1	1	714.2	2	7	5	7
694.9	1	6	5	6	704.9	-	-	-	-	714.3	6	28	22	28
695.0	-	-	-	-	705.0	1	1	-	1	714.4	-	-	-	-
695.1	96	244	148	244	705.1	-	-	-	-	714.8	106	262	156	262
695.2	-	9	9	9	705.8	2	12	10	12	714.9	6	31	25	31
695.3	-	5	5	5	705.9	-	-	-	-	715.0	18	237	219	237
695.4	77	354	277	354	706.0	-	-	-	-	715.1	-	-	-	-
695.8	18	47	29	47	706.1	-	3	3	3	715.2	-	-	-	-
695.9	8	171	163	173	706.2	-	5	5	5	715.3	35	214	179	214
696.0	4	74	70	74	706.3	-	-	-	-	715.8	-	12	12	12
696.1	13	340	327	340	706.8	-	-	-	-	715.9	629	13693	13065	13694
696.2	-	2	2	2	706.9	-	-	-	-	716.0	-	-	-	-
696.3	-	-	-	-	707.0	1675	9191	7517	10885	716.1	1	7	6	7
696.4	-	1	1	1	707.1	118	750	634	1163	716.2	-	-	-	-
696.5	-	-	-	-	707.8	23	158	135	203	716.3	-	-	-	-
696.8	-	1	1	1	707.9	65	553	488	732	716.4	-	-	-	-
697.0	-	7	7	7	708.0	-	1	1	1	716.5	4	63	59	63
697.1	-	-	-	-	708.1	-	-	-	-	716.6	-	1	1	1
697.8	-	-	-	-	708.2	-	-	-	-	716.8	-	2	2	2
697.9	-	-	-	-	708.3	-	-	-	-	716.9	203	4071	3868	4326
698.0	-	-	-	-	708.4	-	-	-	-	717.0	-	-	-	-
698.1	-	-	-	-	708.5	-	-	-	-	717.1	-	-	-	-
698.2	-	1	1	1	708.8	-	-	-	-	717.2	-	-	-	-
698.3	-	7	7	7	708.9	2	8	6	8	717.3	-	-	-	-
698.4	-	-	-	-	709.0	1	19	18	19	717.4	-	-	-	-
698.8	-	-	-	-	709.1	-	-	-	-	717.5	-	-	-	-
698.9	-	3	3	3	709.2	1	36	35	36	717.6	-	1	1	1
700	-	-	-	-	709.3	-	2	2	2	717.7	-	-	-	-
701.0	1	7	6	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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
717.9	-	1	1	1	722.9	16	121	105	122	728.3	10	48	38	48
718.0	-	-	-	-	723.0	24	129	105	129	728.4	-	-	-	-
718.1	-	-	-	-	723.1	1	9	8	9	728.5	-	1	1	1
718.2	-	3	3	3	723.2	-	-	-	-	728.6	-	2	2	2
718.3	-	7	7	7	723.3	-	-	-	-	728.7	-	1	1	1
718.4	9	70	61	70	723.4	1	18	17	18	728.8	251	791	540	791
718.5	1	31	30	31	723.5	-	13	13	13	728.9	39	194	155	195
718.6	-	3	3	3	723.6	-	-	-	-	729.0	-	24	24	24
718.8	1	5	4	5	723.7	-	-	-	-	729.1	42	174	132	174
718.9	1	7	6	7	723.8	-	3	3	3	729.2	4	66	62	77
719.0	-	5	5	5	723.9	-	1	1	1	729.3	19	52	33	52
719.1	-	9	9	9	724.0	57	913	856	913	729.4	337	761	424	761
719.2	-	-	-	-	724.1	-	4	4	4	729.5	1	40	39	40
719.3	-	1	1	1	724.2	4	77	73	77	729.6	-	-	-	-
719.4	1	29	28	29	724.3	2	30	28	30	729.8	4	19	15	19
719.5	-	4	4	4	724.4	1	15	14	15	729.9	3	10	7	10
719.6	-	-	-	-	724.5	20	234	214	234	730.0	11	23	12	23
719.7	-	5	5	5	724.6	-	9	9	9	730.1	60	194	134	194
719.8	-	-	-	-	724.7	-	1	1	1	730.2	684	1816	1132	1823
719.9	20	967	947	1022	724.8	-	3	3	3	730.3	-	-	-	-
720.0	51	233	182	233	724.9	4	33	29	37	730.9	18	36	18	38
720.1	-	-	-	-	725	51	933	882	933	731.0	82	677	595	707
720.2	-	1	1	1	726.0	-	10	10	10	731.2	-	4	4	4
720.8	-	-	-	-	726.1	-	3	3	3	732.0	-	1	1	1
720.9	5	13	8	13	726.2	-	1	1	1	732.1	10	21	11	21
721.0	20	102	82	113	726.3	3	9	6	9	732.2	-	-	-	-
721.1	45	143	98	137	726.4	-	-	-	-	732.3	-	-	-	-
721.2	-	2	2	2	726.5	-	1	1	1	732.4	-	-	-	-
721.3	2	26	24	27	726.6	-	-	-	-	732.5	-	-	-	-
721.4	1	10	9	9	726.7	-	-	-	-	732.6	-	-	-	-
721.5	-	-	-	-	726.8	-	-	-	-	732.7	-	-	-	-
721.6	-	-	-	-	726.9	2	11	9	11	732.8	-	-	-	-
721.7	-	-	-	-	727.0	-	5	5	5	732.9	-	2	2	2
721.8	-	1	1	1	727.1	-	5	5	5	733.0	1015	9937	8922	9938
721.9	11	279	268	280	727.2	-	-	-	-	733.1	90	3152	3062	3152
722.0	3	5	2	6	727.3	1	9	8	9	733.2	3	4	1	4
722.1	1	15	14	15	727.4	1	7	6	7	733.3	-	-	-	-
722.2	6	30	24	32	727.5	-	1	1	1	733.4	7	48	41	48
722.3	-	-	-	-	727.6	-	-	-	-	733.5	-	-	-	-
722.4	4	13	9	14	727.8	1	2	1	2	733.6	-	1	1	1
722.5	3	36	33	36	727.9	-	2	2	2	733.7	-	1	1	1
722.6	9	140	131	142	728.0	4	5	1	5	733.8	5	44	39	44
722.7	3	5	2	-	728.1	3	4	1	4	733.9	52	304	253	373
722.8	-	-	-	-	728.2	11	61	51	70	734	-	-	-	-

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
735.0	-	1	1	1	740.0	352	370	18	370	746.4	66	106	40	106
735.1	-	-	-	-	740.1	2	3	1	3	746.5	5	7	2	7
735.2	-	-	-	-	740.2	3	6	3	6	746.6	3	8	5	8
735.3	-	-	-	-	741.0	83	122	39	58	746.7	533	598	65	598
735.4	-	-	-	-	741.9	88	201	113	287	746.8	381	611	230	615
735.5	-	-	-	-	742.0	74	98	24	98	746.9	1317	1791	474	2428
735.8	-	-	-	-	742.1	77	169	92	169	747.0	71	257	186	257
735.9	-	1	1	1	742.2	140	248	108	248	747.1	96	205	109	205
736.0	-	2	2	2	742.3	270	427	157	498	747.2	29	65	36	71
736.1	-	-	-	-	742.4	60	106	46	106	747.3	140	229	89	263
736.2	-	1	1	1	742.5	924	1851	968	1984	747.4	66	99	33	99
736.3	-	-	-	-	742.8	25	47	22	47	747.5	-	2	2	2
736.4	-	-	-	-	742.9	154	241	87	279	747.6	197	387	190	401
736.5	-	-	-	-	743.0	-	4	4	4	747.8	407	488	81	500
736.6	-	1	1	1	743.1	3	11	8	11	747.9	32	38	6	41
736.7	-	15	15	15	743.2	-	1	1	1	748.0	4	11	7	11
736.8	2	184	182	184	743.3	-	2	2	2	748.1	-	3	3	3
736.9	-	9	9	9	743.4	2	3	1	3	748.2	-	1	1	1
737.0	-	1	1	1	743.5	-	-	-	-	748.3	62	96	34	96
737.1	79	440	361	440	743.6	-	-	-	-	748.4	2	4	2	4
737.2	-	2	2	2	743.8	-	4	4	4	748.5	865	1398	533	1398
737.3	261	820	560	1036	743.9	-	4	4	4	748.6	59	85	26	92
737.8	-	1	1	1	744.0	-	-	-	-	748.8	2	4	2	4
737.9	-	1	1	1	744.1	-	-	-	-	748.9	8	13	5	14
738.0	-	-	-	-	744.2	-	1	1	1	749.0	5	37	32	67
738.1	2	4	2	4	744.3	-	3	3	3	749.1	-	7	7	37
738.2	-	-	-	-	744.4	-	2	2	2	749.2	6	33	27	3
738.3	3	32	29	32	744.5	-	1	1	1	750.0	-	-	-	-
738.4	-	1	1	1	744.8	2	5	3	5	750.1	3	4	1	4
738.5	2	16	14	16	744.9	2	14	12	14	750.2	2	5	3	5
738.6	-	-	-	-	745.0	69	92	23	92	750.3	21	72	51	72
738.7	-	-	-	-	745.1	182	240	58	240	750.4	20	39	19	39
738.8	-	6	6	6	745.2	222	306	84	306	750.5	2	3	1	3
738.9	1	4	3	4	745.3	45	65	20	65	750.6	1	4	3	4
739.0	-	-	-	-	745.4	306	683	377	691	750.7	-	3	3	3
739.1	-	-	-	-	745.5	384	671	287	671	750.8	-	-	-	-
739.2	-	-	-	-	745.6	82	158	76	158	750.9	7	20	13	20
739.3	-	-	-	-	745.7	4	5	1	5	751.0	17	26	9	26
739.4	-	-	-	-	745.8	1	4	3	4	751.1	12	32	20	32
739.5	-	-	-	-	745.9	7	13	6	16	751.2	2	49	47	49
739.6	-	-	-	-	746.0	22	52	30	56	751.3	20	37	17	37
739.7	-	-	-	-	746.1	30	46	16	46	751.4	19	30	11	30
739.8	-	-	-	-	746.2	47	54	7	54	751.5	19	50	31	52
739.9	-	-	-	-	746.3	76	105	29	105	751.6	42	97	55	97

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, 1996

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	8	4	8	756.3	19	33	14	33	760.8	30	66	36	66
751.8	-	7	7	7	756.4	16	37	21	37	760.9	1	3	2	3
751.9	3	13	10	13	756.5	83	179	96	179	761.0	339	378	39	378
752.0	-	-	-	-	756.6	304	414	110	414	761.1	582	829	247	829
752.1	-	-	-	-	756.7	48	74	26	74	761.2	51	227	176	227
752.2	-	-	-	-	756.8	18	58	40	59	761.3	18	29	11	29
752.3	-	1	1	1	756.9	9	19	10	20	761.4	-	1	1	1
752.4	1	2	1	2	757.0	-	4	4	4	761.5	211	458	247	458
752.5	-	-	-	-	757.1	4	10	6	10	761.6	3	5	2	5
752.6	-	7	7	7	757.2	-	1	1	1	761.7	3	3	-	3
752.7	-	7	7	8	757.3	37	104	67	104	761.8	42	61	19	61
752.8	1	5	5	5	757.4	-	-	-	-	761.9	1	1	-	1
752.9	2	14	12	14	757.5	-	-	-	-	762.0	23	27	4	27
753.0	276	389	113	389	757.6	-	2	2	2	762.1	438	533	95	549
753.1	391	906	515	907	757.8	-	1	1	1	762.2	29	48	19	48
753.2	5	20	15	20	757.9	-	-	-	-	762.3	45	96	51	96
753.3	10	44	34	44	758.0	471	1404	933	1405	762.4	26	51	25	51
753.4	-	1	1	1	758.1	268	303	35	303	762.5	17	29	12	29
753.5	1	9	8	9	758.2	385	441	56	441	762.6	15	20	5	21
753.6	4	20	16	20	758.3	16	19	3	19	762.7	352	533	181	533
753.7	-	-	-	-	758.4	-	-	-	-	762.8	3	4	1	4
753.8	1	7	6	7	758.5	48	67	19	67	762.9	1	1	-	1
753.9	29	103	74	124	758.6	16	65	49	65	763.0	13	29	16	29
754.0	1	6	5	6	758.7	1	15	14	16	763.1	12	16	4	16
754.1	-	-	-	-	758.8	8	14	6	14	763.2	1	1	-	1
754.2	2	9	7	9	758.9	100	149	49	178	763.3	1	2	1	2
754.3	-	3	3	3	759.0	27	78	51	78	763.4	-	11	11	11
754.4	-	-	-	-	759.1	9	11	2	11	763.5	-	-	-	-
754.5	-	4	4	4	759.2	3	12	9	12	763.6	10	18	8	18
754.6	-	-	-	-	759.3	10	24	14	24	763.7	9	10	1	10
754.7	-	13	13	13	759.4	24	30	6	30	763.8	27	81	54	81
754.8	3	14	11	14	759.5	27	57	30	57	763.9	11	24	13	25
755.0	-	3	3	3	759.6	23	49	26	49	764.0	4	21	17	21
755.1	-	2	2	2	759.7	388	467	79	900	764.1	-	-	-	-
755.2	-	4	4	4	759.8	296	498	202	499	764.2	-	-	-	1
755.3	-	4	4	4	759.9	102	214	112	365	764.9	41	132	91	132
755.4	-	2	2	2	760.0	45	67	22	67	765.0	2929	8803	5874	8852
755.5	1	14	13	14	760.1	2	4	2	6	765.1	976	4371	3396	5959
755.6	-	13	13	13	760.2	15	27	12	27	766.0	-	1	1	1
755.8	7	34	27	34	760.3	1	3	2	3	766.1	-	2	2	2
755.9	-	4	4	4	760.4	-	-	-	-	766.2	-	2	2	2
756.0	30	54	24	60	760.5	15	40	25	41	767.0	155	440	285	440
756.1	23	91	69	92	760.6	1	2	1	2	767.1	3	4	1	4
756.2	-	-	-	-	760.7	57	111	55	112	767.2	-	1	1	1

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
767.3	1	1	-	1	773.2	8	36	28	87	778.5	1	4	3	4
767.4	1	4	3	4	773.3	4	3	1	1	778.6	-	-	-	-
767.5	-	-	-	-	773.4	-	-	-	-	778.7	-	-	-	-
767.6	-	-	-	-	773.5	-	-	-	-	778.8	-	-	-	-
767.7	-	-	-	-	774.1	-	-	-	-	778.9	-	-	-	-
767.8	6	28	22	28	774.2	2	13	11	-	779.0	18	112	94	114
767.9	4	12	8	16	774.3	-	-	-	-	779.1	-	-	-	-
768.2	1	2	1	2	774.4	-	2	2	2	779.2	4	13	9	13
768.3	-	-	-	-	774.5	-	1	1	1	779.3	1	1	-	1
768.4	120	283	164	308	774.6	1	4	3	19	779.4	-	3	3	3
768.5	50	97	47	103	774.7	-	-	-	-	779.5	-	1	1	1
768.6	-	-	-	-	775.0	10	39	29	39	779.6	65	79	14	79
768.9	282	768	486	906	775.1	1	3	2	3	779.8	1028	3547	2519	3548
769	1370	1726	356	1726	775.2	-	-	-	-	779.9	8	8	-	41
770.0	25	47	22	47	775.3	-	-	-	-	780.0	20	3490	3470	4005
770.1	84	164	80	164	775.4	-	-	-	-	780.1	-	17	17	17
770.2	169	622	453	622	775.5	5	13	8	13	780.2	18	1287	1269	1287
770.3	181	540	359	540	775.6	2	9	7	9	780.3	926	19912	18986	19912
770.4	237	330	93	330	775.7	2	4	2	4	780.4	-	121	121	121
770.5	16	30	14	30	775.8	-	-	-	-	780.5	1	36	35	36
770.6	-	-	-	-	775.9	-	-	-	-	780.6	58	1369	1311	1371
770.7	354	573	219	574	776.0	2	4	2	4	780.7	4	1003	999	1004
770.8	791	2446	1655	2448	776.1	-	1	1	1	780.8	-	-	-	-
770.9	-	-	-	-	776.2	38	188	150	188	780.9	1	532	531	532
771.0	4	6	2	6	776.3	-	4	4	4	781.0	1	90	89	90
771.1	32	47	15	48	776.4	-	-	-	-	781.1	-	4	4	4
771.2	19	29	10	29	776.5	5	11	6	9	781.2	-	49	49	49
771.3	-	-	-	-	776.6	18	62	44	1	781.3	2	172	170	172
771.4	3	6	3	6	776.7	1	2	1	2	781.4	-	4	4	4
771.5	-	-	-	-	776.8	-	-	-	-	781.5	-	-	-	-
771.6	-	-	-	-	776.9	1	2	1	2	781.6	-	1	1	1
771.7	20	37	17	37	777.1	1	2	1	2	781.7	-	1	1	1
771.8	687	1477	790	1477	777.2	-	-	-	-	781.9	21	380	359	380
772.0	5	10	5	10	777.3	-	-	-	-	782.0	-	6	6	6
772.1	254	718	464	718	777.4	-	-	-	-	782.1	-	8	8	8
772.2	5	13	8	13	777.5	315	424	109	424	782.2	-	31	31	31
772.3	1	3	2	3	777.6	44	128	84	128	782.3	7	1688	1681	1780
772.4	2	11	9	11	777.8	3	7	4	7	782.4	3	826	823	826
772.5	1	8	7	8	777.9	-	-	-	-	782.5	-	28	28	28
772.6	1	4	3	4	778.0	151	280	129	282	782.6	-	1	1	1
772.8	13	40	27	40	778.1	2	3	1	3	782.7	1	14	13	14
772.9	19	67	48	81	778.2	1	1	-	1	782.8	-	2	2	2
773.0	8	12	4	12	778.3	3	22	19	22	782.9	-	1	1	1
773.1	-	-	-	-	778.4	-	-	-	-	783.0	32	2937	2905	2937

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
783.1	-	1	1	1	788.0	-	5	5	5	793.2	-	7	7	7
783.2	3	878	875	879	788.1	-	2	2	2	793.3	-	-	-	-
783.3	-	126	126	126	788.2	2	448	446	448	793.4	-	-	-	-
783.4	129	4001	3872	4041	788.3	-	288	288	288	793.5	-	-	-	-
783.5	1	14	13	14	788.4	-	5	5	5	793.6	-	-	-	-
783.6	1	62	61	62	788.5	-	326	326	326	793.7	-	-	-	-
783.9	3	175	172	175	788.6	-	-	-	-	793.8	-	-	-	-
784.0	2	84	82	84	788.7	-	-	-	-	793.9	-	1	1	1
784.1	-	-	-	-	788.8	-	-	-	-	794.0	-	1	1	1
784.2	8	139	131	139	788.9	-	2	2	2	794.1	-	-	-	-
784.3	1	1313	1312	1313	789.0	43	1197	1154	1197	794.2	-	1	1	1
784.4	-	8	8	8	789.1	1	233	232	234	794.3	-	11	11	11
784.5	-	338	338	338	789.2	-	213	213	217	794.4	-	1	1	1
784.6	1	20	19	20	789.3	11	436	425	436	794.5	-	1	1	1
784.7	1	172	171	172	789.4	-	-	-	-	794.6	-	-	-	-
784.8	1	22	21	22	789.5	15	4727	4712	4727	794.7	-	-	-	-
784.9	-	12	12	12	789.9	1	73	72	73	794.8	-	55	55	55
785.0	7	756	749	756	790.0	-	-	-	-	794.9	-	-	-	-
785.1	-	11	11	11	790.1	-	6	6	6	795.0	2	3	1	3
785.2	-	61	61	61	790.2	-	27	27	27	795.1	-	1	1	1
785.3	-	2	2	2	790.3	9	986	977	1020	795.2	-	2	2	2
785.4	103	5918	5815	9722	790.4	-	2	2	2	795.3	-	2	2	2
785.5	1167	52776	51609	52787	790.5	-	3	3	3	795.4	-	-	-	-
785.6	1	189	188	190	790.6	10	802	792	935	795.5	-	2	2	2
785.9	-	10	10	10	790.7	24	1508	1484	1568	795.6	-	-	-	-
786.0	148	9903	9755	9914	790.8	6	91	85	91	795.7	-	1	1	1
786.1	-	13	13	13	790.9	-	12	12	12	795.8	-	385	385	771
786.2	1	51	50	51	791.0	-	40	40	40	796.0	-	-	-	-
786.3	57	3177	3120	3177	791.1	-	3	3	3	796.1	-	3	3	3
786.4	-	3	3	3	791.2	-	2	2	2	796.2	-	-	-	-
786.5	5	221	216	221	791.3	-	25	25	25	796.3	-	-	-	-
786.6	3	66	63	66	791.4	-	-	-	-	796.4	-	6	6	6
786.7	-	2	2	2	791.5	-	-	-	-	796.9	-	-	-	-
786.8	-	4	4	4	791.6	-	1	1	1	797	2638	17894	15256	19175
786.9	1	40	39	40	791.7	-	1	1	1	798.0	3050	3244	194	3244
787.0	2	863	861	868	791.9	8	2482	2474	2482	798.1	358	394	36	394
787.1	-	4	4	4	792.0	-	-	-	-	798.2	1	1	-	1
787.2	11	9326	9315	9326	792.1	-	3	3	3	798.9	25	27	2	27
787.3	-	96	96	96	792.2	-	-	-	-	799.0	119	13827	13708	13847
787.4	-	2	2	2	792.3	-	-	-	-	799.1	3331	212053	208723	212053
787.5	-	-	-	-	792.4	-	-	-	-	799.2	-	7	7	7
787.6	-	21	21	21	792.9	-	2	2	2	799.3	64	5130	5067	5263
787.7	-	2	2	2	793.0	-	-	-	-	799.4	58	10083	10025	10287
787.9	-	37	37	37	793.1	1	16	15	16	799.8	180	5607	5427	5607

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
799.9	13481	29346	15884	29346	E807.1	-	-	-	-	E813.9	56	57	1	57
E800.0	6	6	-	6	E807.2	-	-	-	-	E814.0	2	2	-	2
E800.1	9	9	-	9	E807.3	-	-	-	-	E814.1	2	2	-	2
E800.2	1	1	-	1	E807.8	1	1	-	1	E814.2	-	-	-	-
E800.3	-	-	-	-	E807.9	5	5	-	5	E814.3	-	-	-	-
E800.8	-	-	-	-	E810.0	189	190	1	190	E814.4	-	-	-	-
E800.9	1	1	-	1	E810.1	69	69	-	69	E814.5	1	1	-	1
E801.0	1	1	-	1	E810.2	1	1	-	1	E814.6	-	-	-	-
E801.1	2	2	-	2	E810.3	-	-	-	-	E814.7	5633	5681	49	5682
E801.2	2	2	-	2	E810.4	-	-	-	-	E814.8	1	1	-	1
E801.3	5	5	-	5	E810.5	-	-	-	-	E814.9	2	2	-	2
E801.8	-	-	-	-	E810.6	-	-	-	-	E815.0	3213	3276	63	3276
E801.9	2	2	-	2	E810.7	-	-	-	-	E815.1	1375	1385	10	1385
E802.0	4	4	-	4	E810.8	-	-	-	-	E815.2	312	313	1	313
E802.1	-	-	-	-	E810.9	114	114	-	114	E815.3	19	19	-	19
E802.2	-	-	-	-	E811.0	20	20	-	20	E815.4	-	-	-	-
E802.3	-	-	-	-	E811.1	11	11	-	11	E815.5	1	1	-	1
E802.8	-	-	-	-	E811.2	-	-	-	-	E815.6	1	1	-	1
E802.9	1	1	-	1	E811.3	-	-	-	-	E815.7	3	3	-	3
E803.0	-	-	-	-	E811.4	-	-	-	-	E815.8	3	3	-	3
E803.1	-	-	-	-	E811.5	-	-	-	-	E815.9	763	784	21	784
E803.2	-	-	-	-	E811.6	-	-	-	-	E816.0	3548	3594	47	3594
E803.3	-	-	-	-	E811.7	-	-	-	-	E816.1	1601	1607	7	1607
E803.8	-	-	-	-	E811.8	-	-	-	-	E816.2	237	237	-	237
E803.9	-	-	-	-	E811.9	2	2	-	2	E816.3	21	21	-	21
E804.0	3	3	-	3	E812.0	8571	8678	108	8679	E816.4	-	-	-	-
E804.1	1	1	-	1	E812.1	4273	4324	51	4324	E816.5	-	-	-	-
E804.2	-	-	-	-	E812.2	829	833	4	833	E816.6	-	-	-	-
E804.3	-	-	-	-	E812.3	86	86	-	86	E816.7	4	4	-	4
E804.8	3	3	-	3	E812.4	-	-	-	-	E816.8	7	7	-	7
E804.9	10	12	2	12	E812.5	-	-	-	-	E816.9	1244	1263	19	1263
E805.0	3	3	-	3	E812.6	2	2	-	2	E817.0	-	-	-	-
E805.1	1	1	-	1	E812.7	15	15	-	15	E817.1	8	8	-	8
E805.2	483	484	1	484	E812.8	6	6	-	6	E817.2	-	-	-	-
E805.3	2	2	-	2	E812.9	2633	2688	55	2687	E817.3	-	-	-	-
E805.8	1	1	-	1	E813.0	5	5	-	5	E817.4	-	-	-	-
E805.9	13	13	-	13	E813.1	1	1	-	1	E817.5	-	-	-	-
E806.0	-	-	-	-	E813.2	2	2	-	2	E817.6	-	-	-	-
E806.1	-	-	-	-	E813.3	-	-	-	-	E817.7	1	1	-	1
E806.2	4	4	-	4	E813.4	-	-	-	-	E817.8	-	-	-	-
E806.3	-	-	-	-	E813.5	6	6	-	6	E817.9	5	7	2	7
E806.8	-	-	-	-	E813.6	691	700	9	700	E818.0	215	220	5	220
E806.9	1	1	-	1	E813.7	3	3	-	3	E818.1	296	301	5	301
E807.0	-	-	-	-	E813.8	7	7	-	7	E818.2	17	17	-	17

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
E818.3	8	8	-	8	E822.7	406	411	5	411	E827.4	-	-	-	-
E818.4	-	-	-	-	E822.8	-	-	-	-	E827.8	-	-	-	-
E818.5	-	-	-	-	E822.9	34	34	-	34	E827.9	2	2	-	2
E818.6	1	1	-	1	E823.0	35	37	2	37	E828.0	-	-	-	-
E818.7	6	6	-	6	E823.1	6	7	1	7	E828.1	-	-	-	-
E818.8	8	8	-	8	E823.2	18	18	-	18	E828.2	81	83	2	83
E818.9	469	480	11	480	E823.3	1	1	-	1	E828.3	1	1	-	1
E819.0	1207	1235	28	1235	E823.4	-	-	-	-	E828.4	-	-	-	-
E819.1	772	789	17	789	E823.5	-	-	-	-	E828.8	-	-	-	-
E819.2	94	94	-	94	E823.6	-	-	-	-	E828.9	5	6	1	6
E819.3	15	15	-	15	E823.7	1	1	-	1	E829.0	1	1	-	1
E819.4	-	-	-	-	E823.8	-	-	-	-	E829.1	-	-	-	-
E819.5	-	-	-	-	E823.9	11	13	2	13	E829.2	-	-	-	-
E819.6	-	-	-	-	E824.0	-	-	-	-	E829.3	-	-	-	-
E819.7	2	2	-	2	E824.1	1	2	1	2	E829.4	-	-	-	-
E819.8	3	3	-	3	E824.2	-	-	-	-	E829.8	-	-	-	-
E819.9	3810	4093	284	4094	E824.3	-	-	-	-	E829.9	2	2	-	2
E820.0	36	36	-	36	E824.4	-	-	-	-	E830.0	35	35	-	35
E820.1	4	4	-	4	E824.5	-	-	-	-	E830.1	23	23	-	23
E820.2	-	-	-	-	E824.6	-	-	-	-	E830.2	2	2	-	2
E820.3	-	-	-	-	E824.7	-	-	-	-	E830.3	2	2	-	2
E820.4	-	-	-	-	E824.8	-	-	-	-	E830.4	-	-	-	-
E820.5	-	-	-	-	E824.9	8	14	6	14	E830.5	-	-	-	-
E820.6	-	-	-	-	E825.0	63	64	1	64	E830.6	-	-	-	-
E820.7	1	1	-	1	E825.1	32	32	-	32	E830.8	1	1	-	1
E820.8	-	-	-	-	E825.2	21	21	-	21	E830.9	147	154	7	154
E820.9	72	74	2	74	E825.3	-	-	-	-	E831.0	2	2	-	2
E821.0	58	58	-	58	E825.4	-	-	-	-	E831.1	27	27	-	27
E821.1	12	12	-	12	E825.5	-	-	-	-	E831.2	-	-	-	-
E821.2	4	4	-	4	E825.6	-	-	-	-	E831.3	3	3	-	3
E821.3	-	-	-	-	E825.7	10	10	-	10	E831.4	-	-	-	-
E821.4	-	-	-	-	E825.8	2	2	-	2	E831.5	-	-	-	-
E821.5	-	-	-	-	E825.9	121	126	5	125	E831.6	-	-	-	-
E821.6	-	-	-	-	E826.0	7	7	-	7	E831.8	-	-	-	-
E821.7	9	11	2	11	E826.1	87	91	4	91	E831.9	25	25	-	25
E821.8	17	17	-	17	E826.2	-	-	-	-	E832.0	22	23	1	23
E821.9	74	75	1	75	E826.3	-	-	-	-	E832.1	28	27	-	28
E822.0	46	47	1	47	E826.4	-	-	-	-	E832.2	7	8	1	8
E822.1	11	11	-	11	E826.8	-	-	-	-	E832.3	4	4	-	4
E822.2	1	1	-	1	E826.9	9	10	1	10	E832.4	-	-	-	-
E822.3	-	-	-	-	E827.0	1	1	-	1	E832.5	-	-	-	-
E822.4	-	-	-	-	E827.1	-	-	-	-	E832.6	-	-	-	-
E822.5	1	1	-	1	E827.2	1	1	-	1	E832.8	-	-	-	-
E822.6	11	11	-	11	E827.3	5	5	-	5	E832.9	200	202	2	202

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
E833.0	-	-	-	-	E837.9	1	1	-	1	E843.4	-	-	-	-
E833.1	-	-	-	-	E838.0	2	2	-	2	E843.5	-	-	-	-
E833.2	-	-	-	-	E838.1	15	15	-	15	E843.6	-	-	-	-
E833.3	-	-	-	-	E838.2	7	7	-	7	E843.7	1	1	-	1
E833.4	-	-	-	-	E838.3	5	5	-	5	E843.8	1	1	-	1
E833.5	-	-	-	-	E838.4	5	5	-	5	E843.9	-	-	-	-
E833.6	-	-	-	-	E838.5	1	1	-	1	E844.0	-	-	-	-
E833.8	-	-	-	-	E838.6	-	-	-	-	E844.1	-	-	-	-
E833.9	-	-	-	-	E838.8	3	3	-	3	E844.2	4	4	-	4
E834.0	-	-	-	-	E838.9	83	87	4	87	E844.3	10	10	-	10
E834.1	2	2	-	2	E840.0	-	-	-	-	E844.4	-	-	-	-
E834.2	2	2	-	2	E840.1	2	2	-	2	E844.5	-	-	-	-
E834.3	-	-	-	-	E840.2	9	9	-	9	E844.6	-	-	-	-
E834.4	-	-	-	-	E840.3	20	20	-	20	E844.7	34	34	-	34
E834.5	-	-	-	-	E840.4	-	-	-	-	E844.8	-	-	-	-
E834.6	-	-	-	-	E840.5	22	23	1	23	E844.9	8	8	-	8
E834.8	1	1	-	1	E840.6	-	-	-	-	E845.0	-	-	-	-
E834.9	8	8	-	8	E840.7	-	-	-	-	E845.1	-	-	-	-
E835.0	-	-	-	-	E840.8	-	-	-	-	E845.2	-	-	-	-
E835.1	-	-	-	-	E840.9	-	-	-	-	E845.3	-	-	-	-
E835.2	1	2	1	2	E841.0	-	-	-	-	E845.4	-	-	-	-
E835.3	-	-	-	-	E841.1	76	76	-	76	E845.5	-	-	-	-
E835.4	-	-	-	-	E841.2	54	54	-	54	E845.6	-	-	-	-
E835.5	1	1	-	1	E841.3	619	619	-	619	E845.7	-	-	-	-
E835.6	-	-	-	-	E841.4	6	6	-	6	E845.8	-	-	-	-
E835.8	-	-	-	-	E841.5	147	147	-	147	E845.9	-	-	-	-
E835.9	9	11	2	11	E841.6	2	2	-	2	E846	2	2	-	2
E836.0	-	-	-	-	E841.7	1	1	-	1	E847	1	1	-	1
E836.1	-	-	-	-	E841.8	1	1	-	1	E848	69	87	18	87
E836.2	1	1	-	1	E841.9	24	24	-	24	E850.0	2075	2244	169	2244
E836.3	-	-	-	-	E842.0	-	-	-	-	E850.1	47	56	9	56
E836.4	-	-	-	-	E842.1	-	-	-	-	E850.2	80	106	26	106
E836.5	-	-	-	-	E842.2	1	1	-	1	E850.3	1	1	-	1
E836.6	-	-	-	-	E842.3	2	2	-	2	E850.4	4	5	1	5
E836.8	-	-	-	-	E842.4	-	-	-	-	E850.5	102	109	7	109
E836.9	-	-	-	-	E842.5	1	1	-	1	E850.8	179	256	77	256
E837.0	-	-	-	-	E842.6	13	13	-	13	E850.9	2	2	-	2
E837.1	-	-	-	-	E842.7	-	-	-	-	E851	19	23	4	23
E837.2	-	-	-	-	E842.8	-	-	-	-	E852.0	4	4	-	4
E837.3	-	-	-	-	E842.9	2	2	-	2	E852.1	-	-	-	-
E837.4	-	-	-	-	E843.0	-	-	-	-	E852.2	1	1	-	1
E837.5	-	-	-	-	E843.1	-	-	-	-	E852.3	-	-	-	-
E837.6	-	-	-	-	E843.2	-	-	-	-	E852.4	-	-	-	-
E837.8	-	-	-	-	E843.3	1	1	-	1	E852.5	3	3	-	3

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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		
E852.8	1	2	1	2	E861.5	-	-	-	E868.1	18	18	-	18
E852.9	6	7	1	7	E861.6	2	2	-	E868.2	219	222	3	222
E853.0	19	23	4	23	E861.9	-	1	1	E868.3	52	52	-	52
E853.1	7	8	1	8	E862.0	-	-	-	E868.8	10	10	-	10
E853.2	53	74	21	74	E862.1	6	6	6	E868.9	146	159	13	159
E853.8	3	5	2	5	E862.2	-	-	-	E869.0	4	4	-	4
E853.9	-	-	-	-	E862.3	-	-	-	E869.1	-	-	-	-
E854.0	143	165	22	165	E862.4	43	52	9	E869.2	12	12	-	12
E854.1	4	14	10	14	E862.9	1	1	-	E869.3	1	1	-	1
E854.2	197	294	97	294	E863.0	-	-	-	E869.8	87	117	30	117
E854.3	-	-	-	-	E863.1	5	5	-	E869.9	9	11	2	11
E855.0	30	55	25	55	E863.2	-	-	-	E870.0	166	182	16	182
E855.1	26	34	8	34	E863.3	-	-	-	E870.1	1	1	-	1
E855.2	1333	1715	382	1715	E863.4	2	4	2	E870.2	14	16	2	16
E855.3	1	2	1	2	E863.5	2	2	-	E870.3	-	-	-	-
E855.4	2	3	1	3	E863.6	-	-	-	E870.4	34	39	5	39
E855.5	4	7	3	7	E863.7	-	-	-	E870.5	38	44	6	44
E855.6	1	1	-	1	E863.8	4	4	-	E870.6	35	41	7	41
E855.8	14	19	5	19	E863.9	3	4	1	E870.7	4	4	-	4
E855.9	-	-	-	-	E864.0	-	-	-	E870.8	43	56	13	56
E856	47	63	16	63	E864.1	2	4	2	E870.9	9	9	-	9
E857	6	9	3	9	E864.2	5	7	2	E871.0	2	2	-	2
E858.0	21	32	11	32	E864.3	1	1	-	E871.1	-	-	-	-
E858.1	42	60	18	60	E864.4	1	1	-	E871.2	-	-	-	-
E858.2	36	54	18	54	E865.0	-	-	-	E871.3	-	-	-	-
E858.3	227	555	328	555	E865.1	-	1	1	E871.4	1	1	-	1
E858.4	5	7	2	7	E865.2	2	2	-	E871.5	-	-	-	-
E858.5	44	99	55	99	E865.3	-	-	-	E871.6	1	1	-	1
E858.6	18	29	11	29	E865.4	-	-	-	E871.7	-	-	-	-
E858.7	10	12	2	12	E865.5	2	2	-	E871.8	-	-	-	-
E858.8	2012	2180	168	2180	E865.8	1	1	-	E871.9	1	1	-	1
E858.9	1602	1978	376	1978	E865.9	1	1	-	E872.0	-	-	-	-
E860.0	6	10	4	10	E866.0	2	7	5	E872.1	-	1	1	1
E860.1	140	766	626	766	E866.1	2	3	1	E872.2	2	2	-	2
E860.2	12	16	4	16	E866.2	-	-	-	E872.3	-	-	-	-
E860.3	17	24	7	24	E866.3	-	-	-	E872.4	-	-	-	-
E860.4	-	-	-	-	E866.4	21	33	12	E872.5	-	-	-	-
E860.8	2	2	-	2	E866.5	-	-	-	E872.6	-	-	-	-
E860.9	131	461	330	461	E866.6	-	-	-	E872.8	-	-	-	-
E861.0	2	2	-	2	E866.7	1	2	1	E872.9	2	2	-	2
E861.1	1	1	-	1	E866.8	8	15	7	E873.0	1	2	1	2
E861.2	-	-	-	-	E866.9	8	11	3	E873.1	-	-	-	-
E861.3	4	5	1	5	E867	23	23	-	E873.2	3	11	8	11
E861.4	1	1	-	1	E868.0	57	59	2	E873.3	1	1	-	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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	9	106	97	106	E900.0	122	159	37	159
E873.5	1	1	-	1	E880.0	2	2	-	2	E900.1	16	24	8	24
E873.6	-	-	-	-	E880.9	1237	1357	120	1357	E900.9	111	181	70	181
E873.8	2	2	-	2	E881.0	299	323	24	323	E901.0	360	448	88	448
E873.9	1	1	-	1	E881.1	70	71	1	71	E901.1	1	3	2	3
E874.0	1	2	1	2	E882	444	471	27	471	E901.8	12	18	6	18
E874.1	1	1	-	1	E883.0	49	59	10	59	E901.9	312	506	194	506
E874.2	1	1	-	1	E883.1	3	3	-	3	E902.0	1	3	2	3
E874.3	-	-	-	-	E883.2	-	-	-	-	E902.1	-	-	-	-
E874.4	-	-	-	-	E883.9	36	38	2	38	E902.2	3	3	-	3
E874.5	1	1	-	1	E884.0	3	3	-	3	E902.8	-	-	-	-
E874.8	2	3	1	3	E884.1	91	92	1	92	E902.9	15	51	36	51
E874.9	-	-	-	-	E884.2	485	696	211	696	E903	-	-	-	-
E875.0	2	122	120	122	E884.9	550	593	43	593	E904.0	11	26	15	26
E875.1	-	-	-	-	E885	688	889	201	889	E904.1	122	202	80	202
E875.2	-	-	-	-	E886.0	-	-	-	-	E904.2	1	1	-	1
E875.8	-	5	5	5	E886.9	3	4	1	4	E904.3	90	151	61	151
E875.9	-	-	-	-	E887	3694	12919	9225	12920	E904.9	-	-	-	-
E876.0	2	2	-	2	E888	7332	10333	3002	10333	E905.0	7	8	1	8
E876.1	2	2	-	2	E890.0	1	2	1	2	E905.1	6	12	6	12
E876.2	1	1	-	1	E890.1	-	-	-	-	E905.2	-	-	-	-
E876.3	3	4	1	4	E890.2	2362	2387	25	2387	E905.3	45	48	3	48
E876.4	2	2	-	2	E890.3	536	558	22	558	E905.4	-	-	-	-
E876.5	-	-	-	-	E890.8	64	67	3	67	E905.5	8	9	1	9
E876.8	77	87	10	87	E890.9	55	62	7	62	E905.6	-	-	-	-
E876.9	8	11	3	11	E891.0	4	4	-	4	E905.7	-	-	-	-
E878.0	71	1416	1345	1416	E891.1	-	-	-	-	E905.8	-	-	-	-
E878.1	303	3508	3205	3508	E891.2	59	60	1	60	E905.9	2	3	1	3
E878.2	187	5362	5175	5362	E891.3	27	29	2	29	E906.0	23	25	2	25
E878.3	117	720	603	720	E891.8	4	4	-	4	E906.1	-	-	-	-
E878.4	112	1687	1575	1687	E891.9	-	-	-	-	E906.2	-	-	-	-
E878.5	196	866	670	866	E892	53	56	3	56	E906.3	3	3	-	3
E878.6	156	3389	3233	3389	E893.0	60	63	3	63	E906.4	4	15	11	15
E878.8	118	1483	1365	1483	E893.1	8	10	2	10	E906.8	75	83	8	83
E878.9	635	5278	4644	5278	E893.2	21	22	1	22	E906.9	2	2	-	2
E879.0	13	88	75	88	E893.8	44	49	5	49	E907	63	65	2	65
E879.1	65	430	365	430	E893.9	27	29	2	29	E908	93	102	9	102
E879.2	11	1392	1381	1392	E894	54	57	3	57	E909	42	42	-	42
E879.3	-	3	3	3	E895	65	69	4	69	E910.0	3	3	-	3
E879.4	3	20	17	20	E896	2	2	-	2	E910.1	28	29	2	30
E879.5	-	-	-	-	E897	30	34	4	34	E910.2	614	623	9	622
E879.6	100	352	252	352	E898.0	19	25	6	25	E910.3	50	50	-	50
E879.7	-	-	-	-	E898.1	60	63	3	63	E910.4	330	359	29	359
E879.8	358	2503	2145	2503	E899	186	261	75	261	E910.8	1995	2048	53	2047

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, 1996

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	468	483	15	483	E923.0	9	10	1	10	E930.8	5	32	27	32
E911	1126	2994	1868	2994	E923.1	1	1	-	1	E930.9	3	98	95	98
E912	2080	16828	14748	16828	E923.2	49	51	2	51	E931.0	3	10	7	11
E913.0	219	229	10	229	E923.8	37	38	1	38	E931.1	-	1	1	1
E913.1	40	42	2	42	E923.9	34	35	1	35	E931.2	-	-	-	-
E913.2	15	16	1	16	E924.0	77	92	15	92	E931.3	-	-	-	-
E913.3	57	58	1	58	E924.1	9	15	6	15	E931.4	2	4	2	4
E913.8	436	452	16	452	E924.8	17	22	5	22	E931.5	-	3	3	3
E913.9	347	425	78	425	E924.9	1	1	-	1	E931.6	-	-	-	-
E914	-	-	-	-	E925.0	66	66	-	66	E931.7	-	4	4	4
E915	18	31	13	31	E925.1	135	135	-	135	E931.8	1	14	13	14
E916	732	754	22	754	E925.2	15	15	-	15	E931.9	1	10	9	10
E917.0	47	50	3	50	E925.8	139	139	-	139	E932.0	2	471	469	471
E917.1	-	-	-	-	E925.9	127	137	10	137	E932.1	-	3	3	3
E917.2	2	2	-	2	E926.0	-	-	-	-	E932.2	1	2	1	2
E917.9	122	133	11	133	E926.1	-	-	-	-	E932.3	9	63	54	63
E918	71	78	7	78	E926.2	-	-	-	-	E932.4	-	-	-	-
E919.0	496	509	13	509	E926.3	-	-	-	-	E932.5	-	-	-	-
E919.1	47	47	-	47	E926.4	-	-	-	-	E932.6	-	-	-	-
E919.2	115	116	1	116	E926.5	-	-	-	-	E932.7	-	1	1	1
E919.3	10	10	-	10	E926.8	-	-	-	-	E932.8	-	1	1	1
E919.4	23	23	-	23	E926.9	-	3	3	3	E932.9	-	2	2	2
E919.5	2	2	-	2	E927	22	45	23	45	E933.0	-	2	2	2
E919.6	11	11	-	11	E928.0	-	-	-	-	E933.1	6	2052	2046	2052
E919.7	73	75	2	75	E928.1	-	-	-	-	E933.2	-	-	-	-
E919.8	111	116	5	116	E928.2	-	-	-	-	E933.3	-	1	1	1
E919.9	38	40	2	40	E928.8	20	31	11	31	E933.4	-	1	1	1
E920.0	1	1	-	1	E928.9	2897	4610	1713	4609	E933.5	-	1	1	1
E920.1	7	7	-	7	E929.0	439	557	118	557	E933.8	-	-	-	-
E920.2	-	-	-	-	E929.1	16	25	9	25	E933.9	-	-	-	-
E920.3	8	8	-	8	E929.2	15	47	32	47	E934.0	-	1	1	1
E920.4	8	8	-	8	E929.3	272	845	573	845	E934.1	-	-	-	-
E920.8	42	48	6	48	E929.4	7	15	8	15	E934.2	20	839	819	839
E920.9	31	38	7	38	E929.5	15	28	13	28	E934.3	1	3	2	3
E921.0	3	3	-	3	E929.8	85	155	70	155	E934.4	-	200	200	200
E921.1	6	6	-	6	E929.9	277	673	396	673	E934.5	4	40	36	40
E921.8	16	18	2	18	E930.0	11	42	31	42	E934.6	1	3	2	3
E921.9	2	3	1	3	E930.1	-	2	2	2	E934.7	-	2	2	2
E922.0	187	188	1	187	E930.2	-	-	-	-	E934.8	-	3	3	3
E922.1	93	95	2	95	E930.3	-	3	3	3	E934.9	-	-	-	-
E922.2	50	51	1	51	E930.4	1	1	-	1	E935.0	4	24	20	24
E922.3	-	1	1	1	E930.5	2	6	4	6	E935.1	2	20	18	20
E922.8	5	5	-	5	E930.6	-	3	3	3	E935.2	2	10	8	10
E922.9	799	834	35	834	E930.7	-	83	83	83	E935.3	-	1	1	1

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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
E935.4	2	12	10	12	E941.3	1	1	-	1	E946.6	1	1	-	1	
E935.5	2	3	1	3	E941.9	-	-	-	-	E946.7	-	-	-	-	
E935.8	-	11	11	11	E942.0	5	52	47	52	E946.8	-	-	-	-	
E935.9	-	9	9	9	E942.1	-	18	18	18	E946.9	-	-	-	-	
E936.0	-	-	-	-	E942.2	-	2	2	2	E947.0	-	2	2	2	
E936.1	1	20	19	20	E942.3	-	-	-	-	E947.1	-	-	-	-	
E936.2	-	-	-	-	E942.4	-	-	-	-	E947.2	-	-	-	-	
E936.3	3	10	7	10	E942.5	-	-	-	-	E947.3	-	-	-	-	
E936.4	-	-	-	-	E942.6	1	6	5	6	E947.4	-	2	2	2	
E937.0	-	1	1	1	E942.7	-	-	-	-	E947.8	13	113	100	113	
E937.1	-	-	-	-	E942.8	-	3	3	3	E947.9	114	573	460	573	
E937.2	-	-	-	-	E942.9	-	2	2	2	E948.0	-	-	-	-	
E937.3	-	-	-	-	E943.0	-	1	1	1	E948.1	-	-	-	-	
E937.4	-	-	-	-	E943.1	-	-	-	-	E948.2	-	-	-	-	
E937.5	-	-	-	-	E943.2	-	3	3	3	E948.3	-	-	-	-	
E937.6	-	-	-	-	E943.3	-	1	1	1	E948.4	-	2	2	2	
E937.8	-	1	1	1	E943.4	-	-	-	-	E948.5	-	-	-	-	
E937.9	-	4	4	4	E943.5	-	2	2	2	E948.6	-	-	-	-	
E938.0	-	1	1	1	E943.6	-	-	-	-	E948.8	-	-	-	-	
E938.1	-	2	2	2	E943.8	-	-	-	-	E948.9	-	1	1	1	
E938.2	-	2	2	2	E943.9	-	-	-	-	E949.0	-	-	-	-	
E938.3	-	1	1	1	E944.0	-	-	-	-	E949.1	-	-	-	-	
E938.4	1	29	28	29	E944.1	1	7	6	7	E949.2	-	-	-	-	
E938.5	2	14	12	14	E944.2	-	-	-	-	E949.3	-	-	-	-	
E938.6	-	2	2	2	E944.3	-	1	1	1	E949.4	-	-	-	-	
E938.7	1	4	3	4	E944.4	-	19	19	19	E949.5	-	1	1	1	
E938.9	6	59	53	59	E944.5	1	2	2	2	E949.6	-	3	3	3	
E939.0	7	13	6	13	E944.6	1	3	2	3	E949.7	-	-	-	-	
E939.1	2	9	7	9	E944.7	2	11	9	11	E949.9	-	-	-	-	
E939.2	1	12	11	12	E945.0	-	2	2	2	E950.0	406	426	20	426	
E939.3	-	9	9	9	E945.1	-	1	1	1	E950.1	98	101	3	101	
E939.4	1	1	-	1	E945.2	-	1	1	1	E950.2	34	39	5	39	
E939.5	1	2	1	2	E945.3	-	-	-	-	E950.3	740	769	29	769	
E939.6	-	-	-	-	E945.4	-	1	1	1	E950.4	853	923	70	923	
E939.7	-	4	4	4	E945.5	-	1	1	1	E950.5	765	809	44	809	
E939.8	-	4	4	4	E945.6	-	-	-	-	E950.6	18	20	2	20	
E939.9	-	2	2	2	E945.7	-	4	4	4	E950.7	23	25	2	25	
E940.0	-	2	2	2	E945.8	-	4	4	4	E950.8	-	-	-	-	
E940.1	1	1	-	1	E946.0	-	94	94	94	E950.9	136	289	153	289	
E940.8	-	-	-	-	E946.1	-	-	-	-	E951.0	9	10	1	10	
E940.9	-	-	-	-	E946.2	-	-	-	-	E951.1	16	17	1	17	
E941.0	-	1	1	1	E946.3	-	1	1	1	E951.8	1	1	-	1	
E941.1	1	1	-	1	E946.4	-	-	-	-	E952.0	1508	1516	9	1516	
E941.2	-	1	1	1	E946.5	-	1	1	1	E952.1	454	460	6	460	

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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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
E952.8	17	19	2	19	E965.5	-	-	-	E983.1	12	13	1	13	
E952.9	2	2	-	2	E965.6	-	-	-	E983.8	17	18	1	18	
E953.0	4820	4830	10	4830	E965.7	-	-	-	E983.9	21	25	4	25	
E953.1	381	396	15	396	E965.8	5	5	-	E984	242	250	8	250	
E953.8	29	30	1	30	E965.9	3	4	1	E985.0	66	66	-	66	
E953.9	100	101	1	101	E966	2619	2713	94	E985.1	43	44	1	44	
E954	361	366	5	366	E967.0	7	8	1	E985.2	10	10	-	10	
E955.0	3675	3685	11	3686	E967.1	8	9	1	E985.3	-	-	-	-	
E955.1	2293	2314	21	2314	E967.9	227	235	8	E985.4	294	302	8	302	
E955.2	945	947	2	947	E968.0	224	233	9	E985.5	1	1	-	1	
E955.3	5	5	-	5	E968.1	27	28	1	E986	9	12	3	12	
E955.4	11248	11334	86	11334	E968.2	255	269	14	E987.0	27	28	1	28	
E955.5	7	7	-	7	E968.3	7	8	1	E987.1	33	34	1	34	
E955.9	9	9	-	9	E968.4	22	25	3	E987.2	9	9	-	9	
E956	435	478	43	478	E968.8	772	859	87	E987.9	5	6	1	6	
E957.0	144	145	1	145	E968.9	1235	1361	126	E988.0	14	14	-	14	
E957.1	306	309	3	309	E969	170	186	16	E988.1	102	103	1	103	
E957.2	31	31	-	31	E970	290	293	3	E988.2	4	4	-	4	
E957.9	164	165	1	165	E971	2	2	-	E988.3	12	14	2	14	
E958.0	308	312	4	312	E972	-	2	2	E988.4	3	3	-	3	
E958.1	171	176	5	176	E973	3	4	1	E988.5	11	13	2	13	
E958.2	-	-	-	-	E974	1	1	-	E988.6	-	-	-	-	
E958.3	10	15	5	15	E975	5	12	7	E988.7	-	-	-	-	
E958.4	10	11	1	11	E976	1	5	4	E988.8	126	152	26	152	
E958.5	87	93	6	93	E977	5	5	-	E988.9	315	356	41	356	
E958.6	1	1	-	1	E978	30	36	6	E989	23	39	16	39	
E958.7	-	-	-	-	E980.0	737	777	40	E990.0	-	-	-	-	
E958.8	154	166	12	166	E980.1	6	7	1	E990.9	-	-	-	-	
E958.9	82	152	70	152	E980.2	6	7	1	E991.0	-	-	-	-	
E959	47	50	3	50	E980.3	166	186	20	E991.1	-	-	-	-	
E960.0	109	141	32	141	E980.4	661	696	35	E991.2	-	-	-	-	
E960.1	9	12	3	12	E980.5	288	312	24	E991.3	-	-	-	-	
E961	-	-	-	-	E980.6	3	3	-	E991.9	1	2	1	2	
E962.0	36	60	24	60	E980.7	2	2	-	E992	-	-	-	-	
E962.1	16	20	4	20	E980.8	2	3	1	E993	-	-	-	-	
E962.2	15	16	1	16	E980.9	39	155	116	E994	-	-	-	-	
E962.9	-	-	-	-	E981.0	-	-	-	E995	-	-	-	-	
E963	762	806	44	806	E981.1	2	2	-	E996	-	-	-	-	
E964	69	74	5	74	E981.8	-	-	-	E997.0	-	-	-	-	
E965.0	1256	1257	1	1257	E982.0	61	62	1	E997.1	-	-	-	-	
E965.1	827	830	3	830	E982.1	44	46	2	E997.2	-	-	-	-	
E965.2	138	137	-	137	E982.8	11	11	-	E997.8	-	-	-	-	
E965.3	6	6	-	6	E982.9	-	-	-	E997.9	-	-	-	-	
E965.4	11810	11862	52	11862	E983.0	36	36	-	E998	-	1	1	1	

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	TOTAL RECORD MENTION	AXIS SECOND- ARY	ENTITY AXIS
E999	12	47	35	47	N844	...	2	2	2	N896	...	2	2	
N800	...	79	79	79	N845	...	6	6	6	N897	...	57	57	
N801	...	985	985	985	N846	...	-	-	-	N900	...	268	268	
N802	...	351	351	351	N847	...	16	16	16	N901	...	2069	2069	
N803	...	3888	3888	3888	N848	...	6	6	6	N902	...	343	343	
N805	...	4091	4091	4091	N850	...	168	168	168	N903	...	89	89	
N806	...	2	2	2	N851	...	2741	2741	2741	N904	...	693	693	
N807	...	2310	2310	2310	N852	...	5731	5731	5731	N905.0	...	25	25	
N808	...	1373	1373	1373	N853	...	2362	2362	2362	N905.1	...	179	179	
N809	...	11	11	11	N854	...	26769	26769	26769	N905.2	...	23	23	
N810	...	170	170	170	N860	...	1399	1399	1399	N905.3	...	452	452	
N811	...	20	20	20	N861	...	3425	3425	3425	N905.4	...	57	57	
N812	...	893	893	893	N862	...	8715	8715	8715	N905.5	...	30	30	
N813	...	116	116	116	N863	...	770	770	770	N905.6	...	17	17	
N814	...	153	153	153	N864	...	1398	1398	1398	N905.7	...	1	1	
N815	...	14	14	14	N865	...	779	779	779	N905.8	...	-	-	
N816	...	1	1	1	N866	...	241	241	241	N905.9	...	5	5	
N817	...	-	-	-	N867	...	163	163	163	N906.0	...	220	220	
N818	...	186	186	186	N868	...	3537	3537	3537	N906.1	...	9	9	
N819	...	22	22	22	N869	...	2937	2937	2937	N906.2	...	-	-	
N820	...	13708	13708	13708	N870	...	5	5	5	N906.3	...	8	8	
N821	...	1910	1910	1910	N871	...	41	41	41	N906.4	...	2	2	
N822	...	96	96	96	N872	...	25	25	25	N906.5	...	-	-	
N823	...	443	443	443	N873	...	19933	19933	19933	N906.6	...	-	-	
N824	...	266	266	266	N874	...	2099	2099	2099	N906.7	...	1	1	
N825	...	29	29	29	N875	...	8010	8010	8010	N906.8	...	2	2	
N826	...	3	3	3	N876	...	1096	1096	1096	N906.9	...	14	14	
N827	...	375	375	375	N877	...	81	81	81	N907.0	...	1090	1090	
N828	...	168	168	168	N878	...	9	9	9	N907.1	...	5	5	
N829	...	1559	1559	1559	N879	...	12739	12739	12739	N907.2	...	349	349	
N830	...	4	4	4	N880	...	235	235	235	N907.3	...	-	-	
N831	...	30	30	30	N881	...	239	239	239	N907.4	...	-	-	
N832	...	2	2	2	N882	...	136	136	136	N907.5	...	-	-	
N833	...	3	3	3	N883	...	10	10	10	N907.9	...	14	14	
N834	...	1	1	1	N884	...	498	498	498	N908.0	...	31	31	
N835	...	66	66	66	N885	...	-	-	-	N908.1	...	28	28	
N836	...	6	6	6	N886	...	11	11	11	N908.2	...	4	4	
N837	...	5	5	5	N887	...	32	32	32	N908.3	...	12	12	
N838	...	-	-	-	N890	...	153	153	153	N908.4	...	10	10	
N839	...	450	450	450	N891	...	243	243	243	N908.5	...	6	6	
N840	...	1	1	1	N892	...	31	31	31	N908.6	...	40	40	
N841	...	-	-	-	N893	...	3	3	3	N908.9	...	272	272	
N842	...	-	-	-	N894	...	47	47	47	N909.0	...	25	25	
N843	...	3	3	3	N895	...	-	-	-	N909.1	...	35	35	

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, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N909.2	...	10	10	10	N941.3	...	25	25	25	N950	...	2	2	2
N909.3	...	1071	1071	1071	N941.4	...	-	-	-	N951	...	10	10	10
N909.4	...	82	82	82	N942.0	...	189	189	189	N952	...	1828	1828	1828
N909.9	...	11	11	11	N942.1	...	1	1	1	N953	...	2	2	2
N910	...	35	35	35	N942.2	...	16	16	16	N954	...	9	9	9
N911	...	21	21	21	N942.3	...	51	51	51	N955	...	2	2	2
N912	...	3	3	3	N942.4	...	2	2	2	N956	...	3	3	3
N913	...	10	10	10	N943.0	...	32	32	32	N957	...	63	63	63
N914	...	-	-	-	N943.1	...	-	-	-	N958.0	...	40	40	40
N915	...	1	1	1	N943.2	...	5	5	5	N958.1	...	157	157	157
N916	...	9	9	9	N943.3	...	26	26	26	N958.2	...	-	-	-
N917	...	4	4	4	N943.4	...	-	-	-	N958.3	...	23	23	23
N918	...	1	1	1	N944.0	...	11	11	11	N958.4	...	962	962	962
N919	...	110	110	110	N944.1	...	-	-	-	N958.5	...	8	8	8
N920	...	158	158	158	N944.2	...	-	-	-	N958.6	...	1	1	1
N921	...	19	19	19	N944.3	...	2	2	2	N958.7	...	155	155	155
N922	...	165	165	165	N944.4	...	-	-	-	N958.8	...	3230	3230	3230
N923	...	26	26	26	N945.0	...	58	58	58	N959.0	...	2914	2914	2914
N924	...	461	461	461	N945.1	...	1	1	1	N959.1	...	3526	3526	3526
N925	...	77	77	77	N945.2	...	7	7	7	N959.2	...	84	84	84
N926	...	45	45	45	N945.3	...	30	30	30	N959.3	...	76	76	76
N927	...	9	9	9	N945.4	...	1	1	1	N959.4	...	12	12	12
N928	...	20	20	20	N947.0	...	3	3	3	N959.5	...	1	1	1
N929	...	464	464	464	N947.1	...	16	16	16	N959.6	...	106	106	106
N930	...	1	1	1	N947.2	...	2	2	2	N959.7	...	247	247	247
N931	...	-	-	-	N947.3	...	1	1	1	N959.8	...	17556	17556	17556
N932	...	2	2	2	N947.4	...	-	-	-	N959.9	...	7676	7676	7676
N933	...	13511	13511	13511	N947.8	...	3	3	3	N960.0	...	1	1	1
N934	...	574	574	574	N947.9	...	6	6	6	N960.1	...	4	4	4
N935	...	41	41	41	N948.0	...	9	9	9	N960.2	...	-	-	-
N936	...	21	21	21	N948.1	...	49	49	49	N960.3	...	-	-	-
N937	...	-	-	-	N948.2	...	48	48	48	N960.4	...	1	1	1
N938	...	11	11	11	N948.3	...	64	64	64	N960.5	...	-	-	-
N939	...	5	5	5	N948.4	...	64	64	64	N960.6	...	4	4	4
N940.0	...	-	-	-	N948.5	...	58	58	58	N960.7	...	39	39	39
N940.1	...	-	-	-	N948.6	...	46	46	46	N960.8	...	11	11	11
N940.2	...	-	-	-	N948.7	...	46	46	46	N960.9	...	11	11	11
N940.3	...	-	-	-	N948.8	...	67	67	67	N961.0	...	2	2	2
N940.4	...	-	-	-	N948.9	...	330	330	330	N961.1	...	-	-	-
N940.5	...	-	-	-	N949.0	...	1965	1965	1965	N961.2	...	-	-	-
N940.9	...	-	-	-	N949.1	...	4	4	4	N961.3	...	-	-	-
N941.0	...	48	48	48	N949.2	...	45	45	45	N961.4	...	11	11	11
N941.1	...	-	-	-	N949.3	...	152	152	152	N961.5	...	-	-	-
N941.2	...	3	3	3	N949.4	...	32	32	32	N961.6	...	-	-	-

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD				ICD-9 CODE	RECORD COUNT BY CODE FIELD			
	UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS		UC	RECORD TOTAL MENTION	AXIS SECOND- ARY	ENTITY AXIS
N961.7	...	1	1	1	N967.0	...	294	294	294	N972.7	...	-	-	-
N961.8	...	8	8	8	N967.1	...	21	21	21	N972.8	...	-	-	-
N961.9	...	4	4	4	N967.2	...	-	-	-	N972.9	...	4	4	4
N962.0	...	4	4	4	N967.3	...	2	2	2	N973.0	...	3	3	3
N962.1	...	1	1	1	N967.4	...	2	2	2	N973.1	...	-	-	-
N962.2	...	-	-	-	N967.5	...	2	2	2	N973.2	...	-	-	-
N962.3	...	85	85	85	N967.6	...	1	1	1	N973.3	...	2	2	2
N962.4	...	1	1	1	N967.8	...	29	29	29	N973.4	...	2	2	2
N962.5	...	1	1	1	N967.9	...	39	39	39	N973.5	...	-	-	-
N962.6	...	-	-	-	N968.0	...	115	115	115	N973.6	...	-	-	-
N962.7	...	-	-	-	N968.1	...	1	1	1	N973.8	...	-	-	-
N962.8	...	-	-	-	N968.2	...	20	20	20	N973.9	...	-	-	-
N962.9	...	2	2	2	N968.3	...	13	13	13	N974.0	...	-	-	-
N963.0	...	293	293	293	N968.4	...	2	2	2	N974.1	...	105	105	105
N963.1	...	47	47	47	N968.5	...	3820	3820	3820	N974.2	...	-	-	-
N963.2	...	-	-	-	N968.6	...	-	-	-	N974.3	...	2	2	2
N963.3	...	1	1	1	N968.7	...	2	2	2	N974.4	...	1	1	1
N963.4	...	-	-	-	N968.9	...	48	48	48	N974.5	...	1	1	1
N963.5	...	-	-	-	N969.0	...	1545	1545	1545	N974.6	...	15	15	15
N963.8	...	-	-	-	N969.1	...	145	145	145	N974.7	...	3	3	3
N963.9	...	-	-	-	N969.2	...	23	23	23	N975.0	...	-	-	-
N964.0	...	6	6	6	N969.3	...	20	20	20	N975.1	...	4	4	4
N964.1	...	-	-	-	N969.4	...	830	830	830	N975.2	...	24	24	24
N964.2	...	55	55	55	N969.5	...	148	148	148	N975.3	...	2	2	2
N964.3	...	1	1	1	N969.6	...	63	63	63	N975.4	...	14	14	14
N964.4	...	-	-	-	N969.7	...	539	539	539	N975.5	...	1	1	1
N964.5	...	5	5	5	N969.8	...	9	9	9	N975.6	...	31	31	31
N964.6	...	1	1	1	N969.9	...	2	2	2	N975.7	...	10	10	10
N964.7	...	1	1	1	N970.0	...	2	2	2	N975.8	...	13	13	13
N964.8	...	1	1	1	N970.1	...	1	1	1	N976.0	...	12	12	12
N964.9	...	-	-	-	N970.8	...	-	-	-	N976.1	...	-	-	-
N965.0	...	5074	5074	5074	N970.9	...	-	-	-	N976.2	...	1	1	1
N965.1	...	238	238	238	N971.0	...	1	1	1	N976.3	...	1	1	1
N965.4	...	406	406	406	N971.1	...	28	28	28	N976.4	...	3	3	3
N965.5	...	3	3	3	N971.2	...	18	18	18	N976.5	...	1	1	1
N965.6	...	16	16	16	N971.3	...	5	5	5	N976.6	...	2	2	2
N965.7	...	518	518	518	N971.9	...	-	-	-	N976.7	...	-	-	-
N965.8	...	759	759	759	N972.0	...	191	191	191	N976.8	...	-	-	-
N965.9	...	16	16	16	N972.1	...	495	495	495	N976.9	...	-	-	-
N966.0	...	-	-	-	N972.2	...	-	-	-	N977.0	...	20	20	20
N966.1	...	49	49	49	N972.3	...	-	-	-	N977.1	...	3	3	3
N966.2	...	1	1	1	N972.4	...	18	18	18	N977.2	...	-	-	-
N966.3	...	82	82	82	N972.5	...	1	1	1	N977.3	...	3	3	3
N966.4	...	7	7	7	N972.6	...	9	9	9	N977.4	...	1	1	1

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 MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
 CONTROL TOTAL TABLE 1

NUMBER OF RESIDENT DEATHS TABULATED BY MENTION OF AN UNDERLYING CAUSE, RECORD AXIS MULTIPLE CAUSE
 OR ENTITY AXIS MULTIPLE CAUSE OF DEATH BY ICD-9 CATEGORY: UNITED STATES, 1996

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	...	194	194	194	N985.3	...	-	-	-	N992.2	...	1	1	1
N977.9	...	6582	6582	6582	N985.4	...	-	-	-	N992.3	...	-	-	-
N978.0	...	-	-	-	N985.5	...	-	-	-	N992.4	...	-	-	-
N978.1	...	-	-	-	N985.6	...	-	-	-	N992.5	...	29	29	29
N978.2	...	-	-	-	N985.8	...	50	50	50	N992.6	...	-	-	-
N978.3	...	-	-	-	N985.9	...	1	1	1	N992.7	...	-	-	-
N978.4	...	-	-	-	N986	...	3731	3731	3731	N992.8	...	11	11	11
N978.5	...	-	-	-	N987.0	...	60	60	60	N992.9	...	181	181	181
N978.6	...	-	-	-	N987.1	...	34	34	34	N993.0	...	1	1	1
N978.8	...	-	-	-	N987.2	...	5	5	5	N993.1	...	-	-	-
N978.9	...	-	-	-	N987.3	...	2	2	2	N993.2	...	12	12	12
N979.0	...	-	-	-	N987.4	...	17	17	17	N993.3	...	4	4	4
N979.1	...	-	-	-	N987.5	...	1	1	1	N993.4	...	-	-	-
N979.2	...	-	-	-	N987.6	...	3	3	3	N993.8	...	-	-	-
N979.3	...	-	-	-	N987.7	...	2	2	2	N993.9	...	20	20	20
N979.4	...	-	-	-	N987.8	...	2858	2858	2858	N994.0	...	25	25	25
N979.5	...	-	-	-	N987.9	...	282	282	282	N994.1	...	5597	5597	5597
N979.6	...	-	-	-	N988.0	...	1	1	1	N994.2	...	227	227	227
N979.7	...	-	-	-	N988.1	...	2	2	2	N994.3	...	3	3	3
N979.9	...	17	17	17	N988.2	...	1	1	1	N994.4	...	-	-	-
N980.0	...	981	981	981	N988.8	...	1	1	1	N994.5	...	40	40	40
N980.1	...	29	29	29	N988.9	...	1	1	1	N994.6	...	-	-	-
N980.2	...	46	46	46	N989.0	...	32	32	32	N994.7	...	8626	8626	8626
N980.3	...	1	1	1	N989.1	...	4	4	4	N994.8	...	529	529	529
N980.8	...	-	-	-	N989.2	...	2	2	2	N994.9	...	302	302	302
N980.9	...	665	665	665	N989.3	...	14	14	14	N995.0	...	149	149	149
N981	...	12	12	12	N989.4	...	26	26	26	N995.1	...	41	41	41
N982.0	...	14	14	14	N989.5	...	70	70	70	N995.2	...	250	250	250
N982.1	...	-	-	-	N989.6	...	4	4	4	N995.3	...	67	67	67
N982.2	...	-	-	-	N989.7	...	1	1	1	N995.4	...	1	1	1
N982.3	...	6	6	6	N989.8	...	43	43	43	N995.5	...	178	178	178
N982.4	...	-	-	-	N989.9	...	63	63	63	N995.8	...	18	18	18
N982.8	...	95	95	95	N990	...	39	39	39	N996.0	...	317	317	317
N983.0	...	3	3	3	N991.0	...	1	1	1	N996.1	...	63	63	63
N983.1	...	21	21	21	N991.1	...	4	4	4	N996.2	...	28	28	28
N983.2	...	12	12	12	N991.2	...	8	8	8	N996.3	...	13	13	13
N983.9	...	10	10	10	N991.3	...	20	20	20	N996.4	...	19	19	19
N984.0	...	-	-	-	N991.4	...	-	-	-	N996.5	...	214	214	214
N984.1	...	-	-	-	N991.5	...	-	-	-	N996.6	...	1829	1829	1829
N984.8	...	-	-	-	N991.6	...	1150	1150	1150	N996.7	...	6445	6445	6445
N984.9	...	8	8	8	N991.8	...	3	3	3	N996.8	...	1011	1011	1011
N985.0	...	4	4	4	N991.9	...	294	294	294	N996.9	...	2	2	2
N985.1	...	1	1	1	N992.0	...	206	206	206	N997.0	...	820	820	820
N985.2	...	-	-	-	N992.1	...	-	-	-	N997.1	...	2854	2854	2854

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, 1996

(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.....	13	-	2	-	-	-	1	2	2	1	3	2	-
007-009.....	1,508	263	14	8	5	21	40	36	81	213	412	415	-
010-018.....	2,889	3	6	4	25	137	296	304	372	590	743	409	-
010-012.....	2,136	2	1	2	18	94	221	222	258	423	575	320	-
013-018.....	777	1	5	2	8	44	76	88	119	169	176	89	-
033.....	6	5	-	-	-	-	-	-	-	1	-	-	-
034-035.....	24	2	-	1	2	2	-	2	4	3	2	6	-
036.....	318	40	45	43	60	17	29	24	18	17	13	12	-
038.....	107,482	610	290	261	589	1,676	4,108	6,543	10,658	22,622	32,821	27,294	10
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	-	-	-	-	2	-	-	-	-	-	-
070.....	6,661	3	5	8	31	268	1,356	1,488	1,066	1,299	909	227	1
090-097.....	253	9	-	-	2	18	29	23	17	41	62	52	-
REM. 001-139 1/..	48,493	375	317	363	670	9,290	16,269	8,615	3,948	3,504	3,241	1,894	7
140-208.....	605,009	96	460	1,098	1,723	5,236	18,063	46,592	91,980	175,718	178,129	85,885	29
140-149.....	9,545	-	1	5	26	71	358	1,074	2,050	2,795	2,180	984	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, 1996

(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.....	141,760	4	23	20	121	644	3,203	9,534	20,130	39,841	43,926	24,308	6
160-165.....	170,386	1	1	9	29	322	2,934	12,964	32,620	61,645	47,432	12,420	9
174-175.....	53,250	1	-	1	18	555	3,210	6,762	8,290	12,288	13,111	9,013	1
179-187.....	77,606	-	1	5	91	596	1,639	3,395	7,107	19,127	28,447	17,194	4
188-189.....	28,434	5	14	29	31	84	462	1,658	3,554	7,743	9,565	5,287	2
170-173, 190-199.	172,421	52	257	608	761	2,092	6,611	15,530	28,515	49,964	47,093	20,930	8
204-208.....	24,782	36	163	394	479	622	906	1,540	2,692	6,130	7,612	4,208	-
200-203.....	41,346	1	16	70	279	873	1,777	3,058	5,620	11,256	12,950	5,445	1
210-239.....	13,752	88	86	111	139	243	500	761	1,252	2,789	4,458	3,324	1
250.....	193,140	1	12	41	211	1,081	3,798	10,866	24,181	52,314	64,439	36,190	6
260-269.....	32,283	47	22	24	55	296	680	1,116	2,016	5,034	10,136	12,854	3
280-285.....	43,385	67	89	135	228	738	1,359	1,707	2,764	7,005	13,210	16,081	2
320-322.....	2,165	171	65	55	55	140	295	272	288	382	313	126	3
390-448.....	1,372,937	2,802	1,070	1,471	3,147	9,608	29,510	64,478	122,093	276,135	439,131	423,369	123
390-398, 402, 404-429.....	1,158,011	2,307	933	1,262	2,739	8,353	25,496	56,247	106,820	236,643	366,130	350,974	107
390-398.....	9,471	19	11	9	42	118	318	572	1,034	2,319	3,150	1,879	-

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, 1996

(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.....	44,359	2	-	3	34	314	1,489	3,607	5,184	8,652	12,538	12,527	9
404.....	3,425	-	-	2	5	29	77	158	307	635	1,157	1,055	-
410-414.....	603,727	82	23	40	202	1,446	8,310	25,681	55,225	129,179	199,922	183,580	37
410.....	249,011	52	13	24	117	766	4,395	13,987	28,318	58,564	81,022	61,740	13
411.....	5,904	5	1	-	7	47	229	533	737	1,195	1,565	1,582	3
413.....	4,381	-	-	-	1	7	40	113	309	831	1,468	1,612	-
412, 414.....	454,410	30	9	18	97	897	5,400	16,743	37,646	94,265	152,057	147,220	28
424.....	37,071	37	16	18	50	182	548	945	1,991	6,089	12,990	14,202	3
415-423, 425-429.	838,578	2,229	912	1,236	2,565	7,141	19,291	39,352	74,004	165,956	262,792	263,022	78
401, 403.....	162,798	42	4	14	65	455	2,358	7,377	15,648	35,741	54,991	46,093	10
430-438.....	280,210	513	158	231	400	1,238	4,148	8,888	17,179	47,811	98,009	101,619	16
431-432.....	32,695	132	42	109	183	492	1,711	3,235	4,069	7,389	9,937	5,393	3
434.0, 434.9.....	21,563	87	36	34	52	127	366	766	1,398	3,625	7,263	7,808	1
434.1.....	2,105	1	3	1	2	15	38	80	167	420	749	629	-
430, 433, 435-438	230,097	306	82	99	181	678	2,276	5,214	12,065	37,445	81,962	89,777	12
440.....	78,062	5	1	-	7	64	416	1,563	4,331	12,959	26,264	32,449	3

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, 1996

(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.....	54,080	31	9	29	104	277	751	1,637	4,197	12,775	19,755	14,512	3
466.....	1,660	94	42	8	6	12	32	52	134	295	463	522	-
480-487.....	204,848	938	401	408	618	1,916	4,394	6,688	12,162	33,080	67,001	77,223	19
480-486.....	203,814	918	396	394	607	1,905	4,368	6,652	12,101	32,935	66,744	76,775	19
487.....	1,034	20	5	14	11	11	26	36	61	145	257	448	-
490-496.....	235,864	72	82	217	319	584	1,765	6,615	22,843	67,215	89,816	46,317	19
490-491.....	6,988	48	25	23	28	69	133	288	622	1,515	2,271	1,965	1
492.....	33,313	4	3	-	2	26	236	1,056	3,880	10,766	12,577	4,763	-
493.....	12,260	15	46	178	258	415	782	1,197	1,622	2,582	3,039	2,124	2
494-496.....	184,246	5	11	19	36	86	643	4,126	16,839	52,618	72,229	37,618	16
531-533.....	13,917	27	7	11	16	56	281	595	1,137	2,784	4,739	4,260	4
540-543.....	800	5	4	28	20	16	37	59	98	170	209	154	-
550-553, 560.....	18,844	173	47	49	56	156	333	697	1,378	3,325	6,092	6,538	-
571.....	40,048	38	14	16	76	884	5,311	7,930	8,185	9,718	6,338	1,525	13
574-575.....	6,377	19	4	5	15	52	127	250	467	1,270	2,145	2,023	-
580-589.....	127,555	839	99	159	350	1,391	3,712	6,209	11,811	28,007	41,941	33,027	10

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 2

NUMBER OF RESIDENT DEATHS TABULATED BY
RECORD AXIS MULTIPLE CAUSE-OF-DEATH AND AGE: UNITED STATES, 1996

(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.....	1,174	15	9	4	9	21	40	57	96	255	412	256	-
582-583, 587...	5,915	9	6	10	24	104	212	221	376	1,068	1,965	1,920	-
584-586, 588-589.....	121,844	818	87	148	323	1,303	3,543	6,018	11,452	26,945	40,004	31,193	10
590.....	1,874	11	5	4	14	30	71	81	146	320	575	616	1
600.....	2,432	-	-	-	-	-	2	15	74	408	952	981	-
630-676.....	338	...	...	-	74	159	102	3	...	...	...	...	-
630-638.....	49	...	...	-	16	18	14	1	...	...	...	...	-
640-676.....	292	...	...	-	59	142	89	2	...	...	...	...	-
740-759.....	17,104	7,340	834	601	524	626	885	1,019	1,065	1,401	1,703	1,104	2
760-779.....	17,650	17,377	145	54	20	10	15	7	2	5	5	2	8
767-769.....	3,208	3,144	27	19	8	2	3	2	1	-	1	-	1
760-766, 770-779.....	17,187	16,969	122	38	13	8	12	5	1	5	4	2	8
780-799.....	401,852	6,398	1,422	1,537	3,083	7,303	15,074	21,832	37,420	82,652	119,401	105,600	130
RESIDUAL 2/.....	671,271	3,507	1,694	2,115	4,352	10,870	25,915	38,991	58,128	121,922	201,451	202,252	74
E800-E949.....	159,184	1,315	2,457	3,792	14,399	14,015	16,812	13,795	12,650	21,581	30,830	27,415	123

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, 1996

(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.....	44,466	222	822	1,990	10,612	7,769	6,828	4,648	3,305	3,588	3,412	1,227	43
E800-E807, E826-E949.....	115,097	1,093	1,635	1,807	3,860	6,320	10,054	9,199	9,369	18,021	27,456	26,203	80
E950-E959.....	31,149	...	...	303	4,374	5,889	6,784	4,867	2,953	2,852	2,324	779	24
E960-E978.....	21,198	344	426	518	6,558	5,458	3,938	1,938	905	573	357	119	64
E980-E999.....	3,715	65	57	49	374	789	1,227	540	197	177	133	80	27
N800-N999.....	199,774	1,618	2,844	4,539	25,268	25,579	27,942	20,010	15,200	22,135	29,417	24,988	234
N800-N848.....	30,395	88	194	429	2,104	1,809	1,688	1,276	1,262	2,794	7,190	11,545	16
N850-N854.....	33,548	358	696	1,303	6,348	4,925	4,639	3,340	2,382	2,986	3,831	2,697	43
N860-N869.....	18,148	64	250	479	3,761	3,253	2,909	2,002	1,493	1,608	1,578	738	13
N870-N897.....	37,273	24	103	666	9,256	8,084	6,841	4,351	2,636	2,554	2,028	685	45
N900-N904.....	3,336	1	15	48	663	639	538	396	258	307	289	180	2
N905-N909.....	3,801	5	31	82	130	245	370	391	346	570	814	816	1
N910-N929.....	1,474	16	35	41	156	165	227	161	129	172	190	182	-
N930-N939.....	14,093	148	167	123	232	368	599	760	988	2,305	4,290	4,109	4
N940-N949.....	3,066	33	168	152	307	328	418	345	278	354	389	288	6
N950-N957.....	1,907	7	20	54	275	245	256	177	170	225	309	165	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, 1996

(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.....	33,854	158	475	1,016	6,058	5,219	5,135	3,681	2,589	3,030	3,591	2,848	54
N960-N995.....	39,572	674	1,208	1,250	4,120	7,268	10,162	5,937	2,753	2,439	2,298	1,358	105
N996-N999.....	25,040	331	186	205	281	483	1,045	1,970	3,154	6,560	7,305	3,520	-
*042-*044 3/.....	35,086	44	167	193	449	8,796	15,285	7,257	2,112	628	125	23	7
331.0 4/.....	41,642	-	-	-	-	-	8	52	455	3,779	16,428	20,920	-

- 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, 1996

(CAUSE CATEGORIES BASED ON 72 CAUSE LIST
SUPPLEMENTED BY 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	
ALL CAUSES.....	2,314,690	28,487	5,948	8,330	32,443	51,147	96,033	144,329	233,725	473,894	663,290	576,541	523
004, 006.....	9	-	1	-	-	-	-	2	2	1	2	1	-
007-009.....	824	207	8	7	2	7	12	16	52	98	191	224	-
010-018.....	1,202	2	2	2	14	43	97	129	167	245	309	192	-
010-012.....	912	2	-	2	11	25	68	93	124	180	246	161	-
013-018.....	290	-	2	-	3	18	29	36	43	65	63	31	-
033.....	4	4	-	-	-	-	-	-	-	-	-	-	-
034-035.....	13	1	-	-	2	-	-	2	4	1	1	2	-
036.....	290	39	41	40	57	16	23	23	16	15	13	7	-
038.....	21,423	199	83	41	69	266	626	1,042	1,759	4,058	6,781	6,498	1
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	1	-	-	-	-	-	1	-	-	-	-	-	-
070.....	3,780	1	3	7	23	131	699	782	592	807	595	139	1
090-097.....	73	6	-	-	1	4	7	4	6	14	16	15	-
REM. 001-139 1/..	38,172	249	255	270	545	8,500	14,479	7,095	2,688	1,930	1,434	720	7
140-208.....	539,533	87	424	1,028	1,632	4,845	17,049	44,627	86,828	160,864	154,480	67,644	25

SEE FOOTNOTES AT END OF TABLE.

MULTIPLE CAUSE OF DEATH PUBLIC USE TAPE
CONTROL TOTAL TABLE 3

NUMBER OF RESIDENT DEATHS TABULATED BY
UNDERLYING CAUSE-OF-DEATH AND AGE: UNITED STATES, 1996

(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	
140-149.....	7,854	-	1	5	25	69	325	966	1,760	2,267	1,678	757	1
150-159.....	126,495	4	17	19	117	630	3,074	9,131	19,020	36,450	38,263	19,764	6
160-165.....	157,271	1	1	8	25	311	2,826	12,478	30,830	56,972	42,869	10,942	8
174-175.....	43,448	1	-	1	18	540	3,110	6,447	7,604	10,354	9,811	5,561	1
179-187.....	60,080	-	1	4	90	568	1,558	3,170	6,412	15,792	21,024	11,457	4
188-189.....	23,004	5	13	27	29	81	445	1,557	3,214	6,454	7,303	3,875	1
170-173, 190-199.....	66,451	43	228	553	641	1,350	3,428	6,845	10,708	17,834	16,843	7,975	3
204-208.....	20,340	32	150	350	430	571	814	1,387	2,377	5,164	6,034	3,031	-
200-203.....	34,590	1	13	61	257	725	1,469	2,646	4,903	9,577	10,655	4,282	1
210-239.....	7,647	60	70	85	98	164	357	499	790	1,514	2,337	1,672	1
250.....	61,767	-	6	26	145	647	1,879	4,258	8,429	16,553	18,989	10,834	1
260-269.....	3,706	12	3	3	6	15	26	67	111	360	1,024	2,078	1
280-285.....	4,332	31	40	54	92	165	204	200	259	588	1,166	1,532	1
320-322.....	758	103	38	31	25	41	80	89	76	107	116	49	3
390-448.....	950,164	881	272	437	1,216	4,313	16,739	42,597	80,998	181,372	303,158	318,087	94

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, 1996

(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.....	733,361	625	217	334	969	3,350	13,217	35,034	67,335	144,915	229,762	237,522	81
390-398.....	5,006	9	7	4	32	81	209	336	552	1,195	1,630	951	-
402.....	26,188	-	-	1	26	196	883	2,102	3,036	4,779	7,154	8,006	5
404.....	2,501	-	-	-	4	19	52	102	208	401	820	895	-
410-414.....	476,124	24	5	19	113	1,037	6,750	21,145	43,601	98,208	154,539	150,652	31
410.....	213,532	13	3	9	59	554	3,625	11,929	23,791	48,938	69,489	55,109	13
411.....	2,889	1	-	-	3	19	118	260	416	607	718	745	2
413.....	829	-	-	-	1	2	18	21	53	148	257	329	-
412, 414...	258,874	10	2	10	50	462	2,989	8,935	19,341	48,515	84,075	94,469	16
424.....	17,181	7	5	9	24	97	269	448	875	2,468	5,760	7,218	1
415-423, 425-429.....	206,361	585	200	301	770	1,920	5,054	10,901	19,063	37,864	59,859	69,800	44
401, 403.....	12,945	8	-	3	19	56	214	581	1,003	2,399	4,266	4,396	-
430-438.....	159,942	233	49	84	167	720	2,722	5,792	9,676	25,306	54,520	60,662	11
431-432.....	23,573	36	10	34	61	244	1,059	2,265	2,815	5,288	7,555	4,204	2
434.0, 434.9.	13,022	17	5	5	11	35	127	346	709	2,050	4,383	5,333	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, 1996

(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.....	672	1	-	-	1	5	7	21	40	142	255	200	-
430, 433, 435-438.....	122,675	179	34	45	94	436	1,529	3,160	6,112	17,826	42,327	50,925	8
440.....	16,740	2	-	-	1	10	60	204	571	1,885	4,915	9,091	1
441-448.....	27,176	13	6	16	60	177	526	986	2,413	6,867	9,695	6,416	1
466.....	486	65	25	6	1	4	6	16	25	72	109	157	-
480-487.....	83,727	496	168	136	203	568	1,461	2,093	3,613	10,597	26,355	38,027	10
480-486.....	82,982	481	165	128	195	560	1,447	2,072	3,575	10,513	26,172	37,664	10
487.....	745	15	3	8	8	8	14	21	38	84	183	363	-
490-496.....	106,027	38	51	165	237	351	855	2,801	10,046	30,171	40,952	20,347	13
490-491.....	3,151	27	11	12	9	28	49	104	266	772	1,095	777	1
492.....	17,286	2	1	-	1	9	70	462	1,949	5,733	6,744	2,315	-
493.....	5,667	8	34	149	214	288	496	649	816	1,095	1,177	739	2
494-496.....	79,923	1	5	4	13	26	240	1,586	7,015	22,571	31,936	16,516	10
531-533.....	5,105	12	4	5	8	29	139	264	411	972	1,685	1,573	3
540-543.....	424	1	2	25	18	11	28	34	49	82	109	65	-
550-553, 560.....	6,476	69	24	22	24	50	104	169	330	905	2,128	2,651	-

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, 1996

(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.....	25,047	17	5	5	20	570	3,640	5,431	5,312	5,725	3,507	805	10
574-575.....	2,816	4	1	3	7	22	49	101	204	562	930	933	-
580-589.....	24,304	144	16	27	59	153	476	879	1,679	4,633	8,353	7,883	2
580-581.....	321	8	5	3	5	5	7	15	21	55	119	78	-
582-583, 587...	1,638	3	2	5	12	17	46	91	89	311	516	546	-
584-586, 588- 589.....	22,345	133	9	19	42	131	423	773	1,569	4,267	7,718	7,259	2
590.....	896	6	4	1	5	15	25	28	65	142	284	320	1
600.....	457	-	-	-	-	-	-	3	10	47	166	231	-
630-676.....	294	...	...	-	65	139	88	2	...	...	...	...	-
630-638.....	39	...	...	-	14	15	10	-	...	...	...	...	-
640-676.....	255	...	...	-	51	124	78	2	...	...	...	...	-
740-759.....	11,836	6,381	638	457	382	392	534	527	480	672	813	559	1
760-779.....	13,069	12,955	60	24	8	4	7	4	-	1	-	-	6
767-769.....	1,993	1,956	15	11	4	2	3	1	-	-	-	-	1
760-766, 770- 779.....	11,076	10,999	45	13	4	2	4	3	-	1	-	-	5

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, 1996

(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.....	26,190	3,883	283	172	687	1,270	2,150	2,011	1,863	2,901	4,511	6,373	86
RESIDUAL 2/.....	223,540	1,340	800	954	1,710	3,535	8,128	11,453	16,010	35,599	68,386	75,599	26
E800-E949.....	94,948	804	2,147	3,433	13,809	12,825	14,267	9,846	6,871	8,780	11,662	10,388	116
E810-E825.....	43,649	215	820	1,980	10,576	7,729	6,753	4,553	3,196	3,419	3,233	1,132	43
E800-E807, E826-E949.....	51,299	589	1,327	1,453	3,233	5,096	7,514	5,293	3,675	5,361	8,429	9,256	73
E950-E959.....	30,903	...	...	302	4,358	5,861	6,741	4,837	2,925	2,806	2,290	759	24
E960-E978.....	20,971	332	420	514	6,548	5,428	3,894	1,896	875	554	335	112	63
E980-E999.....	3,476	58	54	48	367	763	1,163	502	180	146	103	65	27
*042-*044 3/.....	31,130	40	147	177	413	8,048	13,637	6,259	1,794	503	87	18	7
331.0 4/.....	21,397	-	-	-	-	-	5	29	286	2,049	8,319	10,709	-

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, 1996

(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.....	13	-	2	-	-	-	1	2	2	1	3	2	-
007-009.....	1,765	263	16	12	9	89	163	77	92	217	412	415	-
010-018.....	3,091	3	6	4	27	196	386	343	379	594	744	409	-
010-012.....	2,323	2	2	2	20	140	293	253	267	438	585	321	-
013-018.....	799	1	4	2	8	58	95	97	118	162	166	88	-
033.....	6	5	-	-	-	-	-	-	-	1	-	-	-
034-035.....	24	2	-	1	2	2	-	2	4	3	2	6	-
036.....	318	40	45	43	60	17	29	24	18	17	13	12	-
038.....	109,514	617	311	279	620	2,085	4,866	6,924	10,783	22,728	32,912	27,378	11
045.....	-	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	-	-	-	-	2	-	-	-	-	-	-
070.....	6,661	3	5	8	31	268	1,356	1,488	1,066	1,299	909	227	1
090-097.....	253	9	-	-	2	18	29	23	17	41	62	52	-
REM. 001-139 1/..	49,007	377	320	364	669	9,272	16,258	8,635	4,005	3,632	3,425	2,043	7
140-208.....	607,292	96	461	1,100	1,745	5,904	19,090	47,009	92,083	175,746	178,142	85,887	29
140-149.....	9,545	-	1	5	26	71	358	1,074	2,050	2,795	2,180	984	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, 1996

(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.....	141,761	4	23	20	121	644	3,203	9,534	20,130	39,842	43,926	24,308	6
160-165.....	170,387	1	1	9	29	322	2,934	12,964	32,620	61,646	47,432	12,420	9
174-175.....	53,250	1	-	1	18	555	3,210	6,762	8,290	12,288	13,111	9,013	1
179-187.....	77,607	-	1	5	91	596	1,639	3,395	7,107	19,127	28,448	17,194	4
188-189.....	28,435	5	14	29	31	84	462	1,658	3,554	7,744	9,565	5,287	2
170-173, 190- 199.....	174,334	52	257	609	770	2,510	7,220	15,805	28,674	50,152	47,262	21,015	8
204-208.....	24,783	36	163	394	479	622	906	1,540	2,692	6,130	7,613	4,208	-
200-203.....	42,457	1	18	72	293	1,154	2,285	3,271	5,677	11,276	12,962	5,447	1
210-239.....	14,170	88	89	117	146	248	522	810	1,323	2,904	4,554	3,368	1
250.....	193,141	1	12	41	211	1,081	3,799	10,866	24,181	52,314	64,439	36,190	6
260-269.....	33,091	47	23	24	55	310	725	1,198	2,115	5,195	10,335	13,061	3
280-285.....	43,440	81	89	135	228	743	1,370	1,711	2,766	7,012	13,216	16,087	2
320-322.....	2,188	171	66	56	59	141	297	277	289	385	316	128	3
390-448.....	1,375,404	2,819	1,076	1,472	3,155	9,626	29,577	64,591	122,358	276,694	439,856	424,057	123
390-398, 402,404-429....	1,158,293	2,323	938	1,264	2,749	8,364	25,521	56,280	106,849	236,677	366,166	351,055	107

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, 1996

(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.....	9,472	19	11	9	42	118	318	572	1,034	2,320	3,150	1,879	-
402.....	36,664	2	-	4	34	312	1,449	3,354	4,662	7,459	10,214	9,165	9
404.....	276	-	-	1	-	1	4	14	22	47	94	93	-
410-414.....	603,727	82	23	40	202	1,446	8,310	25,681	55,225	129,179	199,922	183,580	37
410.....	249,011	52	13	24	117	766	4,395	13,987	28,318	58,564	81,022	61,740	13
411.....	5,904	5	1	-	7	47	229	533	737	1,195	1,565	1,582	3
413.....	4,381	-	-	-	1	7	40	113	309	831	1,468	1,612	-
412, 414...	454,410	30	9	18	97	897	5,400	16,743	37,646	94,265	152,057	147,220	28
424.....	37,152	38	16	18	50	185	552	954	2,000	6,112	13,014	14,210	3
415-423, 425-429.....	846,734	2,248	919	1,239	2,579	7,175	19,413	39,698	74,630	167,293	265,240	266,222	78
401, 403.....	177,480	43	5	14	74	502	2,540	7,936	16,774	38,301	59,655	51,626	10
430-438.....	280,300	513	158	231	400	1,238	4,147	8,887	17,174	47,805	98,012	101,719	16
431-432.....	33,454	132	42	112	191	529	1,790	3,354	4,230	7,572	10,070	5,429	3
434.0, 434.9.	21,762	87	37	35	52	131	369	777	1,415	3,676	7,330	7,852	1
434.1.....	2,105	1	3	1	2	15	38	80	167	420	749	629	-

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, 1996

(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.....	236,297	306	85	99	183	700	2,353	5,419	12,527	38,675	84,226	91,712	12
440.....	85,222	5	1	-	8	66	441	1,628	4,604	14,046	28,810	35,610	3
441-448.....	64,019	31	10	29	108	312	929	2,084	5,532	15,707	23,093	16,181	3
466.....	1,790	100	42	8	7	14	34	56	146	321	514	548	-
480-487.....	210,016	950	424	425	677	2,673	5,703	7,346	12,496	33,595	67,794	77,912	21
480-486.....	209,279	934	421	413	668	2,664	5,685	7,316	12,446	33,485	67,619	77,607	21
487.....	1,034	20	5	14	11	11	26	36	61	145	257	448	-
490-496.....	235,912	76	83	217	319	584	1,768	6,617	22,844	67,222	89,829	46,334	19
490-491.....	7,011	52	26	23	28	69	134	289	622	1,518	2,274	1,975	1
492.....	34,338	4	3	-	2	29	246	1,106	4,016	11,090	12,958	4,884	-
493.....	12,384	15	46	178	259	415	786	1,203	1,636	2,613	3,079	2,152	2
494-496.....	192,176	5	11	22	37	95	699	4,394	17,762	54,936	75,171	39,027	17
531-533.....	13,922	27	7	11	16	56	281	596	1,137	2,784	4,743	4,260	4
540-543.....	800	5	4	28	20	16	37	59	98	170	209	154	-
550-553, 560.....	18,844	173	47	49	56	156	333	697	1,378	3,325	6,092	6,538	-
571.....	39,911	38	14	16	76	881	5,281	7,889	8,147	9,703	6,329	1,524	13

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, 1996

(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.....	6,385	19	4	5	15	52	127	250	468	1,270	2,150	2,025	-
580-589.....	146,891	843	99	163	370	1,511	4,097	7,114	13,631	32,377	48,685	37,991	10
580-581.....	1,370	14	9	5	10	24	52	92	151	318	437	258	-
582-583, 587...	7,705	9	6	10	26	113	254	325	583	1,575	2,581	2,223	-
584-586, 588- 589.....	139,814	823	88	152	343	1,420	3,896	6,814	13,089	30,889	46,323	35,967	10
590.....	1,974	11	5	4	14	35	73	88	155	337	608	643	1
600.....	2,433	-	-	-	-	-	2	15	74	408	952	982	-
630-676.....	338	...	...	-	74	159	102	3	...	...	...	...	-
630-638.....	51	...	...	-	16	20	14	1	...	...	...	...	-
640-676.....	292	...	...	-	59	142	89	2	...	...	...	...	-
740-759.....	17,267	7,342	834	602	526	630	889	1,024	1,077	1,444	1,763	1,134	2
760-779.....	17,674	17,380	151	62	25	11	15	7	2	6	5	2	8
767-769.....	3,228	3,154	30	22	10	3	3	2	1	1	1	-	1
760-766, 770- 779.....	17,202	16,971	126	44	16	8	12	5	1	5	4	2	8
780-799.....	407,200	6,401	1,422	1,542	3,089	7,439	15,350	22,081	37,840	83,567	120,823	107,516	130

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, 1996

(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/.....	710,103	3,593	1,730	2,150	4,461	11,630	28,048	41,681	61,821	128,866	212,260	213,783	80
E800-E949.....	159,185	1,315	2,457	3,792	14,399	14,015	16,812	13,795	12,649	21,581	30,832	27,415	123
E810-E825.....	44,467	222	822	1,990	10,612	7,769	6,829	4,648	3,305	3,588	3,412	1,227	43
E800-E807, E826-E949....	115,097	1,093	1,635	1,807	3,860	6,320	10,053	9,199	9,368	18,021	27,458	26,203	80
E950-E959.....	31,150	...	...	303	4,374	5,889	6,784	4,867	2,954	2,852	2,324	779	24
E960-E978.....	21,198	344	426	518	6,558	5,458	3,938	1,938	905	573	357	119	64
E980-E999.....	3,715	65	57	49	374	789	1,227	540	197	177	133	80	27
N800-N999.....	199,774	1,618	2,844	4,539	25,268	25,579	27,942	20,010	15,200	22,135	29,417	24,988	234
N800-N848.....	30,395	88	194	429	2,104	1,809	1,688	1,276	1,262	2,794	7,190	11,545	16
N850-N854.....	33,548	358	696	1,303	6,348	4,925	4,639	3,340	2,382	2,986	3,831	2,697	43
N860-N869.....	18,148	64	250	479	3,761	3,253	2,909	2,002	1,493	1,608	1,578	738	13
N870-N897.....	37,273	24	103	666	9,256	8,084	6,841	4,351	2,636	2,554	2,028	685	45
N900-N904.....	3,336	1	15	48	663	639	538	396	258	307	289	180	2
N905-N909.....	3,801	5	31	82	130	245	370	391	346	570	814	816	1
N910-N929.....	1,474	16	35	41	156	165	227	161	129	172	190	182	-
N930-N939.....	14,093	148	167	123	232	368	599	760	988	2,305	4,290	4,109	4

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, 1996

(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.....	3,066	33	168	152	307	328	418	345	278	354	389	288	6
N950-N957.....	1,907	7	20	54	275	245	256	177	170	225	309	165	4
N958-N959.....	33,854	158	475	1,016	6,058	5,219	5,135	3,681	2,589	3,030	3,591	2,848	54
N960-N995.....	39,572	674	1,208	1,250	4,120	7,268	10,162	5,937	2,753	2,439	2,298	1,358	105
N996-N999.....	25,040	331	186	205	281	483	1,045	1,970	3,154	6,560	7,305	3,520	-
*042-*044 3/.....	34,842	42	166	190	442	8,754	15,219	7,212	2,085	600	104	21	7
331.0 4/.....	43,100	-	-	-	-	-	8	54	465	3,892	16,977	21,704	-

- 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, 1996

(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.....	13	7	6	12	6	6	1	1	-	-	-	-
007-009.....	1,508	671	837	1,272	537	735	236	134	102	217	124	93
010-018.....	2,889	1,729	1,160	1,782	1,002	780	1,107	727	380	878	578	300
010-012.....	2,136	1,445	691	1,272	821	451	864	624	240	686	492	194
013-018.....	777	297	480	523	189	334	254	108	146	201	89	112
033.....	6	3	3	6	3	3	-	-	-	-	-	-
034-035.....	24	13	11	19	10	9	5	3	2	5	3	2
036.....	318	153	165	244	112	132	74	41	33	63	37	26
038.....	107,482	49,749	57,733	86,098	39,517	46,581	21,384	10,232	11,152	19,340	9,189	10,151
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	2	1	-	1	1	-	1	1	-	1
070.....	6,661	4,286	2,375	5,100	3,311	1,789	1,561	975	586	1,089	692	397
090-097.....	253	151	102	122	75	47	131	76	55	128	76	52
REM. 001-139 2/..	48,493	35,221	13,272	29,783	22,078	7,705	18,710	13,143	5,567	17,964	12,612	5,352
140-208.....	605,009	319,227	285,782	527,599	276,969	250,630	77,410	42,258	35,152	67,104	36,725	30,379

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, 1996

(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.....	9,545	6,339	3,206	7,938	5,134	2,804	1,607	1,205	402	1,366	1,036	330
150-159.....	141,760	75,106	66,654	120,985	64,039	56,946	20,775	11,067	9,708	17,257	9,052	8,205
160-165.....	170,386	103,980	66,406	150,159	90,560	59,599	20,227	13,420	6,807	17,879	11,919	5,960
174-175.....	53,250	466	52,784	46,425	384	46,041	6,825	82	6,743	6,095	78	6,017
179-187.....	77,606	49,244	28,362	65,501	41,038	24,463	12,105	8,206	3,899	10,958	7,625	3,333
188-189.....	28,434	18,552	9,882	25,851	17,057	8,794	2,583	1,495	1,088	2,233	1,251	982
170-173, 190-199.	172,421	89,526	82,895	151,169	78,349	72,820	21,252	11,177	10,075	18,580	9,822	8,758
204-208.....	24,782	13,718	11,064	22,343	12,423	9,920	2,439	1,295	1,144	2,047	1,074	973
200-203.....	41,346	21,773	19,573	36,709	19,316	17,393	4,637	2,457	2,180	4,014	2,121	1,893
210-239.....	13,752	6,213	7,539	12,065	5,482	6,583	1,687	731	956	1,468	622	846
250.....	193,140	90,031	103,109	160,011	76,071	83,940	33,129	13,960	19,169	28,747	11,775	16,972
260-269.....	32,283	13,281	19,002	27,980	11,103	16,877	4,303	2,178	2,125	3,743	1,924	1,819
280-285.....	43,385	18,934	24,451	35,476	15,245	20,231	7,909	3,689	4,220	7,107	3,280	3,827
320-322.....	2,165	1,201	964	1,572	856	716	593	345	248	546	318	228
390-448.....	1,372,937	656,087	716,850	1,193,643	569,164	624,479	179,294	86,923	92,371	157,185	74,863	82,322

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, 1996

(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.....	1,158,011	566,512	591,499	1,009,125	493,252	515,873	148,886	73,260	75,626	130,467	62,962	67,505
390-398.....	9,471	3,176	6,295	8,591	2,851	5,740	880	325	555	672	227	445
402.....	44,359	19,655	24,704	33,097	14,178	18,919	11,262	5,477	5,785	10,564	5,106	5,458
404.....	3,425	1,457	1,968	2,381	1,002	1,379	1,044	455	589	956	417	539
410-414.....	603,727	308,751	294,976	542,550	279,022	263,528	61,177	29,729	31,448	52,851	24,878	27,973
410.....	249,011	131,393	117,618	221,688	117,997	103,691	27,323	13,396	13,927	23,913	11,403	12,510
411.....	5,904	3,219	2,685	5,125	2,781	2,344	779	438	341	700	392	308
413.....	4,381	1,973	2,408	3,992	1,797	2,195	389	176	213	340	152	188
412, 414.....	454,410	231,293	223,117	411,108	210,325	200,783	43,302	20,968	22,334	36,915	17,216	19,699
424.....	37,071	16,102	20,969	34,276	14,843	19,433	2,795	1,259	1,536	2,323	1,018	1,305
415-423, 425-429.	838,578	401,797	436,781	726,047	346,717	379,330	112,531	55,080	57,451	97,912	46,991	50,921
401, 403.....	162,798	67,526	95,272	132,240	54,252	77,988	30,558	13,274	17,284	26,948	11,428	15,520
430-438.....	280,210	115,059	165,151	241,291	97,785	143,506	38,919	17,274	21,645	33,386	14,580	18,806
431-432.....	32,695	15,436	17,259	26,732	12,347	14,385	5,963	3,089	2,874	4,798	2,495	2,303
434.0, 434.9.....	21,563	8,810	12,753	18,691	7,538	11,153	2,872	1,272	1,600	2,499	1,092	1,407

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, 1996

(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.....	2,105	820	1,285	1,924	742	1,182	181	78	103	139	59	80
430, 433, 435-438	230,097	92,503	137,594	199,438	79,344	120,094	30,659	13,159	17,500	26,553	11,189	15,364
440.....	78,062	33,007	45,055	70,573	29,824	40,749	7,489	3,183	4,306	6,541	2,704	3,837
441-448.....	54,080	28,642	25,438	48,268	25,846	22,422	5,812	2,796	3,016	5,093	2,394	2,699
466.....	1,660	747	913	1,493	662	831	167	85	82	136	72	64
480-487.....	204,848	100,836	104,012	180,710	87,612	93,098	24,138	13,224	10,914	20,455	11,112	9,343
480-486.....	203,814	100,440	103,374	179,750	87,252	92,498	24,064	13,188	10,876	20,401	11,087	9,314
487.....	1,034	396	638	960	360	600	74	36	38	54	25	29
490-496.....	235,864	128,682	107,182	216,983	117,391	99,592	18,881	11,291	7,590	16,193	9,586	6,607
490-491.....	6,988	3,479	3,509	6,339	3,139	3,200	649	340	309	533	266	267
492.....	33,313	19,211	14,102	30,996	17,650	13,346	2,317	1,561	756	2,002	1,339	663
493.....	12,260	4,423	7,837	9,388	3,267	6,121	2,872	1,156	1,716	2,396	928	1,468
494-496.....	184,246	101,988	82,258	171,096	93,700	77,396	13,150	8,288	4,862	11,344	7,095	4,249
531-533.....	13,917	6,874	7,043	12,111	5,903	6,208	1,806	971	835	1,429	756	673
540-543.....	800	431	369	673	353	320	127	78	49	111	69	42

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, 1996

(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.....	18,844	7,175	11,669	16,359	6,032	10,327	2,485	1,143	1,342	2,231	1,022	1,209
571.....	40,048	26,077	13,971	33,989	22,164	11,825	6,059	3,913	2,146	4,878	3,219	1,659
574-575.....	6,377	2,816	3,561	5,534	2,470	3,064	843	346	497	663	268	395
580-589.....	127,555	66,635	60,920	105,151	55,438	49,713	22,404	11,197	11,207	19,680	9,752	9,928
580-581.....	1,174	591	583	937	483	454	237	108	129	219	98	121
582-583, 587...	5,915	3,191	2,724	4,652	2,506	2,146	1,263	685	578	1,152	628	524
584-586, 588- 589.....	121,844	63,582	58,262	100,684	53,035	47,649	21,160	10,547	10,613	18,532	9,154	9,378
590.....	1,874	639	1,235	1,599	535	1,064	275	104	171	242	92	150
600.....	2,432	2,432	...	2,176	2,176	...	256	256	...	218	218	...
630-676.....	338	...	338	184	...	184	154	...	154	135	...	135
630-638.....	49	...	49	28	...	28	21	...	21	20	...	20
640-676.....	292	...	292	157	...	157	135	...	135	117	...	117
740-759.....	17,104	9,134	7,970	14,092	7,576	6,516	3,012	1,558	1,454	2,485	1,281	1,204
760-779.....	17,650	9,868	7,782	11,240	6,300	4,940	6,410	3,568	2,842	5,835	3,235	2,600
767-769.....	3,208	1,867	1,341	2,196	1,290	906	1,012	577	435	916	519	397

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, 1996

(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.....	17,187	9,609	7,578	10,889	6,102	4,787	6,298	3,507	2,791	5,735	3,181	2,554
780-799.....	401,852	193,863	207,989	345,348	164,759	180,589	56,504	29,104	27,400	48,625	24,872	23,753
RESIDUAL 3/.....	671,271	310,828	360,443	583,185	266,751	316,434	88,086	44,077	44,009	76,807	38,020	38,787
E800-E949.....	159,184	93,629	65,555	136,086	79,111	56,975	23,098	14,518	8,580	19,155	12,050	7,105
E810-E825.....	44,466	29,689	14,777	37,155	24,699	12,456	7,311	4,990	2,321	5,626	3,930	1,696
E800-E807, E826-E949.....	115,097	64,217	50,880	99,256	54,650	44,606	15,841	9,567	6,274	13,574	8,153	5,421
E950-E959.....	31,149	25,169	5,980	28,079	22,702	5,377	3,070	2,467	603	2,183	1,834	349
E960-E978.....	21,198	16,433	4,765	10,466	7,677	2,789	10,732	8,756	1,976	10,050	8,231	1,819
E980-E999.....	3,715	2,703	1,012	2,893	2,085	808	822	618	204	748	569	179
N800-N999.....	199,774	129,763	70,011	163,845	104,394	59,451	35,929	25,369	10,560	30,632	21,854	8,778
N800-N848.....	30,395	13,970	16,425	27,811	12,477	15,334	2,584	1,493	1,091	2,058	1,209	849
N850-N854.....	33,548	23,252	10,296	28,063	19,322	8,741	5,485	3,930	1,555	4,385	3,165	1,220
N860-N869.....	18,148	12,770	5,378	14,576	10,094	4,482	3,572	2,676	896	2,991	2,292	699
N870-N897.....	37,273	31,186	6,087	26,023	21,622	4,401	11,250	9,564	1,686	10,345	8,830	1,515

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, 1996

(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.....	3,336	2,398	938	2,475	1,712	763	861	686	175	754	614	140
N905-N909.....	3,801	2,295	1,506	3,227	1,904	1,323	574	391	183	491	339	152
N910-N929.....	1,474	967	507	1,270	832	438	204	135	69	171	111	60
N930-N939.....	14,093	7,497	6,596	12,018	6,340	5,678	2,075	1,157	918	1,815	1,000	815
N940-N949.....	3,066	1,993	1,073	2,282	1,493	789	784	500	284	704	458	246
N950-N957.....	1,907	1,372	535	1,505	1,058	447	402	314	88	359	282	77
N958-N959.....	33,854	22,244	11,610	28,142	18,324	9,818	5,712	3,920	1,792	4,560	3,200	1,360
N960-N995.....	39,572	27,858	11,714	31,866	22,562	9,304	7,706	5,296	2,410	6,388	4,400	1,988
N996-N999.....	25,040	13,399	11,641	21,592	11,655	9,937	3,448	1,744	1,704	2,998	1,489	1,509
*042-*044 4/.....	35,086	28,456	6,630	19,104	16,653	2,451	15,982	11,803	4,179	15,609	11,486	4,123
331.0 5/.....	41,642	14,300	27,342	39,002	13,361	25,641	2,640	939	1,701	2,374	812	1,562

- 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, 1996

(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.....	2,314,690	1,163,569	1,151,121	1,992,966	991,984	1,000,982	321,724	171,585	150,139	282,089	149,472	132,617
004, 006.....	9	3	6	9	3	6	-	-	-	-	-	-
007-009.....	824	356	468	672	268	404	152	88	64	140	82	58
010-018.....	1,202	739	463	724	440	284	478	299	179	369	236	133
010-012.....	912	600	312	551	361	190	361	239	122	284	186	98
013-018.....	290	139	151	173	79	94	117	60	57	85	50	35
033.....	4	2	2	4	2	2	-	-	-	-	-	-
034-035.....	13	9	4	9	6	3	4	3	1	4	3	1
036.....	290	141	149	223	103	120	67	38	29	58	35	23
038.....	21,423	9,246	12,177	17,130	7,247	9,883	4,293	1,999	2,294	3,996	1,844	2,152
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	1	-	1	-	-	-	1	-	1	1	-	1
070.....	3,780	2,273	1,507	3,065	1,868	1,197	715	405	310	480	273	207
090-097.....	73	50	23	39	26	13	34	24	10	33	24	9
REM. 001-139 2/..	38,172	28,948	9,224	22,139	17,443	4,696	16,033	11,505	4,528	15,505	11,105	4,400

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, 1996

(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.....	539,533	281,898	257,635	469,406	243,952	225,454	70,127	37,946	32,181	60,766	32,973	27,793
140-149.....	7,854	5,215	2,639	6,463	4,178	2,285	1,391	1,037	354	1,181	892	289
150-159.....	126,495	66,932	59,563	107,601	56,863	50,738	18,894	10,069	8,825	15,679	8,242	7,437
160-165.....	157,271	95,540	61,731	138,366	82,987	55,379	18,905	12,553	6,352	16,714	11,151	5,563
174-175.....	43,448	357	43,091	37,510	292	37,218	5,938	65	5,873	5,316	62	5,254
179-187.....	60,080	34,695	25,385	50,371	28,539	21,832	9,709	6,156	3,553	8,787	5,758	3,029
188-189.....	23,004	14,718	8,286	20,821	13,475	7,346	2,183	1,243	940	1,896	1,048	848
170-173, 190- 199.....	66,451	35,283	31,168	59,362	31,640	27,722	7,089	3,643	3,446	6,045	3,120	2,925
204-208.....	20,340	11,179	9,161	18,234	10,055	8,179	2,106	1,124	982	1,763	931	832
200-203.....	34,590	17,979	16,611	30,678	15,923	14,755	3,912	2,056	1,856	3,385	1,769	1,616
210-239.....	7,647	3,412	4,235	6,657	2,973	3,684	990	439	551	855	372	483
250.....	61,767	27,646	34,121	49,511	22,829	26,682	12,256	4,817	7,439	10,800	4,132	6,668
260-269.....	3,706	1,225	2,481	3,255	1,035	2,220	451	190	261	396	167	229
280-285.....	4,332	1,820	2,512	3,340	1,372	1,968	992	448	544	929	419	510
320-322.....	758	423	335	529	294	235	229	129	100	211	119	92

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, 1996

(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.....	950,164	448,848	501,316	833,361	392,898	440,463	116,803	55,950	60,853	102,622	48,184	54,438
390-398, 402, 404-429.....	733,361	360,075	373,286	645,514	316,889	328,625	87,847	43,186	44,661	77,641	37,335	40,306
390-398.....	5,006	1,482	3,524	4,534	1,331	3,203	472	151	321	355	106	249
402.....	26,188	11,129	15,059	19,197	7,735	11,462	6,991	3,394	3,597	6,564	3,160	3,404
404.....	2,501	1,002	1,499	1,748	680	1,068	753	322	431	689	298	391
410-414.....	476,124	242,036	234,088	428,458	218,811	209,647	47,666	23,225	24,441	41,292	19,482	21,810
410.....	213,532	112,739	100,793	191,235	101,698	89,537	22,297	11,041	11,256	19,492	9,357	10,135
411.....	2,889	1,591	1,298	2,454	1,342	1,112	435	249	186	398	230	168
413.....	829	360	469	744	322	422	85	38	47	80	36	44
412, 414...	258,874	127,346	131,528	234,025	115,449	118,576	24,849	11,897	12,952	21,322	9,859	11,463
424.....	17,181	6,889	10,292	15,890	6,314	9,576	1,291	575	716	1,088	472	616
415-423, 425-429.....	206,361	97,537	108,824	175,687	82,018	93,669	30,674	15,519	15,155	27,653	13,817	13,836
401, 403.....	12,945	5,160	7,785	9,864	3,814	6,050	3,081	1,346	1,735	2,845	1,233	1,612
430-438.....	159,942	62,475	97,467	138,296	53,016	85,280	21,646	9,459	12,187	18,481	7,972	10,509

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, 1996

(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.....	23,573	10,802	12,771	19,256	8,589	10,667	4,317	2,213	2,104	3,477	1,793	1,684
434.0, 434.9.	13,022	5,065	7,957	11,399	4,352	7,047	1,623	713	910	1,404	607	797
434.1.....	672	263	409	612	241	371	60	22	38	47	17	30
430, 433, 435-438.....	122,675	46,345	76,330	107,029	39,834	67,195	15,646	6,511	9,135	13,553	5,555	7,998
440.....	16,740	6,281	10,459	15,379	5,746	9,633	1,361	535	826	1,200	458	742
441-448.....	27,176	14,857	12,319	24,308	13,433	10,875	2,868	1,424	1,444	2,455	1,186	1,269
466.....	486	205	281	418	176	242	68	29	39	55	24	31
480-487.....	83,727	37,991	45,736	74,194	32,924	41,270	9,533	5,067	4,466	7,963	4,170	3,793
480-486.....	82,982	37,722	45,260	73,499	32,678	40,821	9,483	5,044	4,439	7,929	4,156	3,773
487.....	745	269	476	695	246	449	50	23	27	34	14	20
490-496.....	106,027	54,485	51,542	97,889	49,822	48,067	8,138	4,663	3,475	6,924	3,928	2,996
490-491.....	3,151	1,574	1,577	2,889	1,435	1,454	262	139	123	214	108	106
492.....	17,286	9,422	7,864	16,257	8,750	7,507	1,029	672	357	882	576	306
493.....	5,667	2,075	3,592	4,110	1,426	2,684	1,557	649	908	1,325	540	785
494-496.....	79,923	41,414	38,509	74,633	38,211	36,422	5,290	3,203	2,087	4,503	2,704	1,799

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, 1996

(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.....	5,105	2,404	2,701	4,460	2,052	2,408	645	352	293	520	280	240
540-543.....	424	240	184	352	191	161	72	49	23	66	44	22
550-553, 560.....	6,476	2,400	4,076	5,585	2,000	3,585	891	400	491	823	369	454
571.....	25,047	16,311	8,736	21,422	13,992	7,430	3,625	2,319	1,306	2,950	1,923	1,027
574-575.....	2,816	1,213	1,603	2,440	1,064	1,376	376	149	227	304	122	182
580-589.....	24,304	11,642	12,662	19,696	9,549	10,147	4,608	2,093	2,515	4,144	1,873	2,271
580-581.....	321	153	168	257	125	132	64	28	36	60	26	34
582-583, 587...	1,638	800	838	1,308	642	666	330	158	172	292	144	148
584-586, 588-589.....	22,345	10,689	11,656	18,131	8,782	9,349	4,214	1,907	2,307	3,792	1,703	2,089
590.....	896	255	641	778	222	556	118	33	85	106	30	76
600.....	457	457	...	408	408	...	49	49	...	43	43	...
630-676.....	294	...	294	159	...	159	135	...	135	121	...	121
630-638.....	39	...	39	24	...	24	15	...	15	14	...	14
640-676.....	255	...	255	135	...	135	120	...	120	107	...	107
740-759.....	11,836	6,238	5,598	9,556	5,066	4,490	2,280	1,172	1,108	1,905	971	934

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, 1996

(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.....	13,069	7,303	5,766	7,964	4,446	3,518	5,105	2,857	2,248	4,711	2,631	2,080
767-769.....	1,993	1,181	812	1,310	785	525	683	396	287	618	355	263
760-766, 770-779.....	11,076	6,122	4,954	6,654	3,661	2,993	4,422	2,461	1,961	4,093	2,276	1,817
780-799.....	26,190	13,348	12,842	21,126	10,516	10,610	5,064	2,832	2,232	4,607	2,564	2,043
RESIDUAL 3/.....	223,540	96,646	126,894	196,175	83,682	112,493	27,365	12,964	14,401	24,167	11,336	12,831
E800-E949.....	94,948	61,589	33,359	79,405	51,061	28,344	15,543	10,528	5,015	12,655	8,642	4,013
E810-E825.....	43,649	29,123	14,526	36,452	24,214	12,238	7,197	4,909	2,288	5,528	3,862	1,666
E800-E807, E826-E949.....	51,299	32,466	18,833	42,953	26,847	16,106	8,346	5,619	2,727	7,127	4,780	2,347
E950-E959.....	30,903	24,998	5,905	27,856	22,547	5,309	3,047	2,451	596	2,164	1,820	344
E960-E978.....	20,971	16,269	4,702	10,317	7,570	2,747	10,654	8,699	1,955	9,983	8,183	1,800
E980-E999.....	3,476	2,536	940	2,693	1,937	756	783	599	184	713	551	162
*042-*044 4/.....	31,130	25,277	5,853	16,804	14,662	2,142	14,326	10,615	3,711	13,997	10,329	3,668
331.0 5/.....	21,397	6,971	14,426	20,198	6,564	13,634	1,199	407	792	1,083	350	733

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, 1996

(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.....	13	7	6	12	6	6	1	1	-	-	-	-
007-009.....	1,765	883	882	1,452	703	749	313	180	133	291	168	123
010-018.....	3,091	1,889	1,202	1,863	1,075	788	1,228	814	414	996	662	334
010-012.....	2,323	1,588	735	1,348	884	464	975	704	271	790	569	221
013-018.....	799	317	482	531	200	331	268	117	151	218	98	120
033.....	6	3	3	6	3	3	-	-	-	-	-	-
034-035.....	24	13	11	19	10	9	5	3	2	5	3	2
036.....	318	153	165	244	112	132	74	41	33	63	37	26
038.....	109,514	51,179	58,335	87,135	40,249	46,886	22,379	10,930	11,449	20,318	9,874	10,444
045.....	-	-	-	-	-	-	-	-	-	-	-	-
055.....	2	-	2	1	-	1	1	-	1	1	-	1
070.....	6,661	4,286	2,375	5,100	3,311	1,789	1,561	975	586	1,089	692	397
090-097.....	253	151	102	122	75	47	131	76	55	128	76	52
REM. 001-139 2/..	49,007	35,424	13,583	30,231	22,268	7,963	18,776	13,156	5,620	18,016	12,620	5,396
140-208.....	607,292	321,349	285,943	529,355	278,637	250,718	77,937	42,712	35,225	67,591	37,143	30,448

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, 1996

(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.....	9,545	6,339	3,206	7,938	5,134	2,804	1,607	1,205	402	1,366	1,036	330
150-159.....	141,761	75,107	66,654	120,986	64,040	56,946	20,775	11,067	9,708	17,257	9,052	8,205
160-165.....	170,387	103,981	66,406	150,160	90,561	59,599	20,227	13,420	6,807	17,879	11,919	5,960
174-175.....	53,250	466	52,784	46,425	384	46,041	6,825	82	6,743	6,095	78	6,017
179-187.....	77,607	49,244	28,363	65,502	41,038	24,464	12,105	8,206	3,899	10,958	7,625	3,333
188-189.....	28,435	18,553	9,882	25,852	17,058	8,794	2,583	1,495	1,088	2,233	1,251	982
170-173, 190-199.....	174,334	91,111	83,223	152,739	79,648	73,091	21,595	11,463	10,132	18,888	10,079	8,809
204-208.....	24,783	13,718	11,065	22,344	12,423	9,921	2,439	1,295	1,144	2,047	1,074	973
200-203.....	42,457	22,746	19,711	37,524	20,050	17,474	4,933	2,696	2,237	4,286	2,340	1,946
210-239.....	14,170	6,434	7,736	12,419	5,668	6,751	1,751	766	985	1,520	652	868
250.....	193,141	90,031	103,110	160,012	76,071	83,941	33,129	13,960	19,169	28,747	11,775	16,972
260-269.....	33,091	13,686	19,405	28,669	11,437	17,232	4,422	2,249	2,173	3,854	1,989	1,865
280-285.....	43,440	18,970	24,470	35,520	15,275	20,245	7,920	3,695	4,225	7,115	3,284	3,831
320-322.....	2,188	1,216	972	1,588	867	721	600	349	251	552	322	230
390-448.....	1,375,404	657,258	718,146	1,195,658	570,116	625,542	179,746	87,142	92,604	157,604	75,067	82,537

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, 1996

(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.....	1,158,293	566,658	591,635	1,009,354	493,370	515,984	148,939	73,288	75,651	130,517	62,988	67,529
390-398.....	9,472	3,176	6,296	8,591	2,851	5,740	881	325	556	673	227	446
402.....	36,664	17,047	19,617	26,706	12,083	14,623	9,958	4,964	4,994	9,336	4,632	4,704
404.....	276	128	148	232	107	125	44	21	23	43	20	23
410-414.....	603,727	308,751	294,976	542,550	279,022	263,528	61,177	29,729	31,448	52,851	24,878	27,973
410.....	249,011	131,393	117,618	221,688	117,997	103,691	27,323	13,396	13,927	23,913	11,403	12,510
411.....	5,904	3,219	2,685	5,125	2,781	2,344	779	438	341	700	392	308
413.....	4,381	1,973	2,408	3,992	1,797	2,195	389	176	213	340	152	188
412, 414...	454,410	231,293	223,117	411,108	210,325	200,783	43,302	20,968	22,334	36,915	17,216	19,699
424.....	37,152	16,137	21,015	34,348	14,873	19,475	2,804	1,264	1,540	2,329	1,021	1,308
415-423, 425- 429.....	846,734	404,880	441,854	732,681	349,148	383,533	114,053	55,732	58,321	99,339	47,595	51,744
401, 403.....	177,480	73,007	104,473	143,587	58,320	85,267	33,893	14,687	19,206	30,017	12,713	17,304
430-438.....	280,300	115,080	165,220	241,387	97,811	143,576	38,913	17,269	21,644	33,383	14,577	18,806
431-432.....	33,454	15,700	17,754	27,369	12,580	14,789	6,085	3,120	2,965	4,889	2,516	2,373

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, 1996

(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.	21,762	8,899	12,863	18,866	7,616	11,250	2,896	1,283	1,613	2,515	1,097	1,418
434.1.....	2,105	820	1,285	1,924	742	1,182	181	78	103	139	59	80
430,433, 435- 438.....	236,297	95,120	141,177	204,882	81,608	123,274	31,415	13,512	17,903	27,152	11,467	15,685
440.....	85,222	36,065	49,157	77,117	32,623	44,494	8,105	3,442	4,663	7,055	2,907	4,148
441-448.....	64,019	33,813	30,206	56,466	30,266	26,200	7,553	3,547	4,006	6,682	3,072	3,610
466.....	1,790	810	980	1,610	720	890	180	90	90	148	76	72
480-487.....	210,016	104,364	105,652	184,260	89,982	94,278	25,756	14,382	11,374	21,965	12,185	9,780
480-486.....	209,279	104,083	105,196	183,578	89,730	93,848	25,701	14,353	11,348	21,925	12,164	9,761
487.....	1,034	396	638	960	360	600	74	36	38	54	25	29
490-496.....	235,912	128,702	107,210	217,021	117,406	99,615	18,891	11,296	7,595	16,199	9,589	6,610
490-491.....	7,011	3,489	3,522	6,360	3,148	3,212	651	341	310	534	266	268
492.....	34,338	19,808	14,530	31,949	18,202	13,747	2,389	1,606	783	2,063	1,375	688
493.....	12,384	4,474	7,910	9,494	3,309	6,185	2,890	1,165	1,725	2,410	934	1,476
494-496.....	192,176	106,035	86,141	178,300	97,361	80,939	13,876	8,674	5,202	11,940	7,408	4,532
531-533.....	13,922	6,877	7,045	12,115	5,906	6,209	1,807	971	836	1,430	756	674

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, 1996

(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.....	800	431	369	673	353	320	127	78	49	111	69	42
550-553, 560.....	18,844	7,175	11,669	16,359	6,032	10,327	2,485	1,143	1,342	2,231	1,022	1,209
571.....	39,911	25,973	13,938	33,884	22,085	11,799	6,027	3,888	2,139	4,847	3,195	1,652
574-575.....	6,385	2,819	3,566	5,538	2,471	3,067	847	348	499	666	270	396
580-589.....	146,891	75,344	71,547	119,326	61,911	57,415	27,565	13,433	14,132	24,291	11,720	12,571
580-581.....	1,370	671	699	1,086	543	543	284	128	156	251	113	138
582-583, 587...	7,705	4,066	3,639	6,036	3,195	2,841	1,669	871	798	1,501	786	715
584-586, 588-589.....	139,814	71,607	68,207	113,805	58,974	54,831	26,009	12,633	13,376	22,878	10,990	11,888
590.....	1,974	671	1,303	1,681	562	1,119	293	109	184	258	97	161
600.....	2,433	2,433	...	2,177	2,177	...	256	256	...	218	218	...
630-676.....	338	...	338	184	...	184	154	...	154	135	...	135
630-638.....	51	...	51	29	...	29	22	...	22	21	...	21
640-676.....	292	...	292	157	...	157	135	...	135	117	...	117
740-759.....	17,267	9,232	8,035	14,243	7,671	6,572	3,024	1,561	1,463	2,492	1,283	1,209
760-779.....	17,674	9,879	7,795	11,258	6,308	4,950	6,416	3,571	2,845	5,840	3,237	2,603

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, 1996

(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.....	3,228	1,879	1,349	2,212	1,300	912	1,016	579	437	919	520	399
760-766, 770- 779.....	17,202	9,616	7,586	10,900	6,107	4,793	6,302	3,509	2,793	5,739	3,183	2,556
780-799.....	407,200	196,177	211,023	349,596	166,598	182,998	57,604	29,579	28,025	49,624	25,303	24,321
RESIDUAL 3/.....	710,103	329,611	380,492	615,207	282,268	332,939	94,896	47,343	47,553	82,728	40,829	41,899
E800-E949.....	159,185	93,629	65,556	136,087	79,111	56,976	23,098	14,518	8,580	19,155	12,050	7,105
E810-E825.....	44,467	29,689	14,778	37,156	24,699	12,457	7,311	4,990	2,321	5,626	3,930	1,696
E800-E807, E826-E949...	115,097	64,217	50,880	99,256	54,650	44,606	15,841	9,567	6,274	13,574	8,153	5,421
E950-E959.....	31,150	25,170	5,980	28,080	22,703	5,377	3,070	2,467	603	2,183	1,834	349
E960-E978.....	21,198	16,433	4,765	10,466	7,677	2,789	10,732	8,756	1,976	10,050	8,231	1,819
E980-E999.....	3,715	2,703	1,012	2,893	2,085	808	822	618	204	748	569	179
N800-N999.....	199,774	129,763	70,011	163,845	104,394	59,451	35,929	25,369	10,560	30,632	21,854	8,778
N800-N848.....	30,395	13,970	16,425	27,811	12,477	15,334	2,584	1,493	1,091	2,058	1,209	849
N850-N854.....	33,548	23,252	10,296	28,063	19,322	8,741	5,485	3,930	1,555	4,385	3,165	1,220
N860-N869.....	18,148	12,770	5,378	14,576	10,094	4,482	3,572	2,676	896	2,991	2,292	699

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, 1996

(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.....	37,273	31,186	6,087	26,023	21,622	4,401	11,250	9,564	1,686	10,345	8,830	1,515
N900-N904.....	3,336	2,398	938	2,475	1,712	763	861	686	175	754	614	140
N905-N909.....	3,801	2,295	1,506	3,227	1,904	1,323	574	391	183	491	339	152
N910-N929.....	1,474	967	507	1,270	832	438	204	135	69	171	111	60
N930-N939.....	14,093	7,497	6,596	12,018	6,340	5,678	2,075	1,157	918	1,815	1,000	815
N940-N949.....	3,066	1,993	1,073	2,282	1,493	789	784	500	284	704	458	246
N950-N957.....	1,907	1,372	535	1,505	1,058	447	402	314	88	359	282	77
N958-N959.....	33,854	22,244	11,610	28,142	18,324	9,818	5,712	3,920	1,792	4,560	3,200	1,360
N960-N995.....	39,572	27,858	11,714	31,866	22,562	9,304	7,706	5,296	2,410	6,388	4,400	1,988
N996-N999.....	25,040	13,399	11,641	21,592	11,655	9,937	3,448	1,744	1,704	2,998	1,489	1,509
*042-*044 4/.....	34,842	28,287	6,555	18,940	16,535	2,405	15,902	11,752	4,150	15,532	11,437	4,095
331.0 5/.....	43,100	14,812	28,288	40,368	13,837	26,531	2,732	975	1,757	2,459	846	1,613

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, 1996

AGE	RACE											
	ALL RACES			WHITE			ALL OTHER ^{1/}			BLACK		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES.....	2,314,690	1,163,569	1,151,121	1,992,966	991,984	1,000,982	321,724	171,585	150,139	282,089	149,472	132,617
UNDER 1 YR.....	28,487	15,965	12,522	18,761	10,561	8,200	9,726	5,404	4,322	8,730	4,837	3,893
01-04 YR.....	5,948	3,349	2,599	4,041	2,335	1,706	1,907	1,014	893	1,623	869	754
05-09 YR.....	3,780	2,200	1,580	2,693	1,566	1,127	1,087	634	453	934	542	392
10-14 YR.....	4,550	2,803	1,747	3,352	2,055	1,297	1,198	748	450	990	618	372
15-19 YR.....	14,663	10,682	3,981	10,619	7,555	3,064	4,044	3,127	917	3,490	2,728	762
20-24 YR.....	17,780	13,631	4,149	12,324	9,434	2,890	5,456	4,197	1,259	4,762	3,694	1,068
25-29 YR.....	20,730	14,825	5,905	14,424	10,402	4,022	6,306	4,423	1,883	5,552	3,887	1,665
30-34 YR.....	30,417	21,245	9,172	21,422	15,269	6,153	8,995	5,976	3,019	8,086	5,372	2,714
35-39 YR.....	42,499	28,806	13,693	30,277	21,018	9,259	12,222	7,788	4,434	11,056	7,044	4,012
40-44 YR.....	53,534	35,498	18,036	38,621	26,044	12,577	14,913	9,454	5,459	13,534	8,591	4,943
45-49 YR.....	67,032	43,056	23,976	50,239	32,574	17,665	16,793	10,482	6,311	15,009	9,434	5,575
50-54 YR.....	77,297	47,815	29,482	60,640	37,785	22,855	16,657	10,030	6,627	14,762	8,963	5,799
55-59 YR.....	96,726	58,974	37,752	77,494	47,550	29,944	19,232	11,424	7,808	16,962	10,056	6,906
60-64 YR.....	136,999	82,196	54,803	112,647	68,138	44,509	24,352	14,058	10,294	21,497	12,382	9,115
65-69 YR.....	200,045	116,660	83,385	170,389	100,389	70,000	29,656	16,271	13,385	25,960	14,226	11,734
70-74 YR.....	273,849	152,513	121,336	238,485	133,921	104,564	35,364	18,592	16,772	30,789	16,015	14,774
75-79 YR.....	321,223	167,377	153,846	286,315	149,924	136,391	34,908	17,453	17,455	30,236	14,927	15,309
80-84 YR.....	342,067	157,882	184,185	310,103	143,738	166,365	31,964	14,144	17,820	27,462	11,866	15,596
85 AND OVER.....	576,541	187,719	388,822	529,736	171,449	358,287	46,805	16,270	30,535	40,534	13,340	27,194
NOT STATED.....	523	373	150	384	277	107	139	96	43	121	81	40

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, 1996

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	2,314,690	1,163,569	1,151,121	1,992,966	991,984	1000982	321,724	171,585	150,139	282,089	149,472	132,617
ALABAMA	42,827	21,808	21,019	31,932	16,150	15,782	10,895	5,658	5,237	10,820	5,615	5,205
ALASKA	2,582	1,522	1,060	1,843	1,094	749	739	428	311	76	51	25
ARIZONA	36,592	19,628	16,964	34,053	18,195	15,858	2,539	1,433	1,106	897	490	407
ARKANSAS	26,534	13,648	12,886	22,579	11,582	10,997	3,955	2,066	1,889	3,896	2,031	1,865
CALIFORNIA	223,447	114,552	108,895	191,908	97,209	94,699	31,539	17,343	14,196	18,134	9,725	8,409
COLORADO	25,723	12,898	12,825	24,531	12,238	12,293	1,192	660	532	882	486	396
CONNECTICUT	29,560	14,205	15,355	27,393	13,017	14,376	2,167	1,188	979	2,014	1,112	902
DELAWARE	6,503	3,286	3,217	5,297	2,641	2,656	1,206	645	561	1,166	624	542
DISTRICT OF COLUMBIA	6,624	3,589	3,035	1,376	694	682	5,248	2,895	2,353	5,208	2,874	2,334
FLORIDA	153,443	80,470	72,973	136,572	71,415	65,157	16,871	9,055	7,816	16,360	8,787	7,573
GEORGIA	58,754	29,802	28,952	42,213	21,176	21,037	16,541	8,626	7,915	16,268	8,483	7,785
HAWAII	7,948	4,551	3,397	2,259	1,322	937	5,689	3,229	2,460	51	34	17
IDAHO	8,714	4,651	4,063	8,581	4,570	4,011	133	81	52	23	16	7
ILLINOIS	106,092	52,361	53,731	88,480	42,810	45,670	17,612	9,551	8,061	16,727	9,049	7,678
INDIANA	52,969	25,965	27,004	48,538	23,705	24,833	4,431	2,260	2,171	4,309	2,202	2,107
IOWA	27,840	13,339	14,501	27,368	13,080	14,288	472	259	213	370	207	163
KANSAS	23,902	11,670	12,232	22,438	10,907	11,531	1,464	763	701	1,267	662	605
KENTUCKY	37,272	18,932	18,340	34,596	17,585	17,011	2,676	1,347	1,329	2,609	1,309	1,300
LOUISIANA	39,586	20,357	19,229	27,095	13,659	13,436	12,491	6,698	5,793	12,321	6,603	5,718
MAINE	11,741	5,688	6,053	11,719	5,675	6,044	22	13	9	18	10	8

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, 1996 - 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.....	41,955	21,268	20,687	30,462	14,897	15,565	11,493	6,371	5,122	11,075	6,139	4,936
MASSACHUSETTS.....	55,331	26,108	29,223	52,816	24,761	28,055	2,515	1,347	1,168	2,075	1,114	961
MICHIGAN.....	83,622	41,730	41,892	70,784	34,798	35,986	12,838	6,932	5,906	12,092	6,543	5,549
MINNESOTA.....	37,184	18,406	18,778	36,011	17,717	18,294	1,173	689	484	624	365	259
MISSISSIPPI.....	26,682	13,723	12,959	17,575	8,972	8,603	9,107	4,751	4,356	9,002	4,697	4,305
MISSOURI.....	53,910	26,222	27,688	48,295	23,350	24,945	5,615	2,872	2,743	5,439	2,776	2,663
MONTANA.....	7,707	4,063	3,644	7,362	3,864	3,498	345	199	146	12	7	5
NEBRASKA.....	15,484	7,476	8,008	14,864	7,141	7,723	620	335	285	491	261	230
NEVADA.....	13,185	7,491	5,694	12,066	6,846	5,220	1,119	645	474	786	467	319
NEW HAMPSHIRE.....	9,395	4,594	4,801	9,326	4,551	4,775	69	43	26	41	27	14
NEW JERSEY.....	73,205	35,821	37,384	62,655	30,214	32,441	10,550	5,607	4,943	9,800	5,194	4,606
NEW MEXICO.....	12,481	6,719	5,762	11,452	6,147	5,305	1,029	572	457	157	91	66
NEW YORK.....	164,395	80,012	84,383	138,002	66,259	71,743	26,393	13,753	12,640	23,804	12,261	11,543
NORTH CAROLINA.....	66,293	33,769	32,524	50,347	25,397	24,950	15,946	8,372	7,574	15,286	8,031	7,255
NORTH DAKOTA.....	6,011	3,071	2,940	5,814	2,961	2,853	197	110	87	9	7	2
OHIO.....	105,202	51,351	53,851	93,470	45,257	48,213	11,732	6,094	5,638	11,485	5,971	5,514
OKLAHOMA.....	33,119	16,484	16,635	29,583	14,677	14,906	3,536	1,807	1,729	2,112	1,078	1,034
OREGON.....	28,913	14,701	14,212	28,037	14,208	13,829	876	493	383	365	223	142
PENNSYLVANIA.....	129,280	63,190	66,090	116,816	56,528	60,288	12,464	6,662	5,802	12,024	6,405	5,619
RHODE ISLAND.....	9,546	4,512	5,034	9,208	4,342	4,866	338	170	168	263	131	132
SOUTH CAROLINA.....	34,053	17,441	16,612	23,599	11,938	11,661	10,454	5,503	4,951	10,387	5,465	4,922
SOUTH DAKOTA.....	6,797	3,554	3,243	6,341	3,295	3,046	456	259	197	14	9	5
TENNESSEE.....	51,419	26,022	25,397	43,011	21,640	21,371	8,408	4,382	4,026	8,302	4,330	3,972
TEXAS.....	139,962	72,028	67,934	121,205	62,154	59,051	18,757	9,874	8,883	17,805	9,365	8,440
UTAH.....	11,112	5,783	5,329	10,788	5,597	5,191	324	186	138	73	48	25

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, 1996 - 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.....	4,870	2,364	2,506	4,844	2,345	2,499	26	19	7	11	8	3
VIRGINIA.....	53,505	26,803	26,702	41,389	20,416	20,973	12,116	6,387	5,729	11,642	6,139	5,503
WASHINGTON.....	42,256	21,518	20,738	39,818	20,109	19,709	2,438	1,409	1,029	1,066	645	421
WEST VIRGINIA.....	20,420	10,119	10,301	19,657	9,741	9,916	763	378	385	737	363	374
WISCONSIN.....	45,141	22,480	22,661	43,076	21,357	21,719	2,065	1,123	942	1,671	928	743
WYOMING.....	3,602	1,824	1,778	3,522	1,781	1,741	80	43	37	23	14	9

^{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, 1996
(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	2,318,212	221,863	193,528	203,372	192,079	188,446	178,495	182,276	179,221	175,840	190,580	190,946	221,566
ALABAMA	42,340	4,215	3,631	3,746	3,476	3,458	3,183	3,322	3,278	3,136	3,596	3,450	3,849
ALASKA	2,559	240	185	198	186	250	234	228	224	205	199	213	197
ARIZONA	37,487	3,831	3,289	3,457	3,103	3,066	2,813	2,767	2,837	2,750	2,955	3,125	3,494
ARKANSAS	26,073	2,631	2,301	2,218	2,126	2,128	1,994	2,090	1,987	2,018	2,052	2,105	2,423
CALIFORNIA	224,083	22,616	18,820	19,290	18,614	18,381	17,606	17,829	17,694	16,830	17,865	18,343	20,195
COLORADO	26,131	2,425	2,175	2,157	2,157	2,128	2,021	2,033	1,973	2,029	2,308	2,130	2,595
CONNECTICUT	29,679	2,832	2,416	2,634	2,414	2,385	2,161	2,309	2,337	2,240	2,502	2,475	2,974
DELAWARE	6,536	615	532	578	524	546	519	514	518	461	544	574	611
DISTRICT OF COLUMBIA	7,956	758	631	697	626	637	610	643	650	618	685	645	756
FLORIDA	154,724	15,358	13,748	14,418	13,222	12,717	11,769	12,352	11,444	11,418	11,963	12,279	14,036
GEORGIA	59,346	5,851	5,174	5,152	4,953	4,708	4,459	4,645	4,601	4,434	4,894	4,863	5,612
HAWAII	8,154	735	691	708	703	675	693	671	705	604	669	617	683
IDAHO	8,429	737	621	689	658	684	708	709	703	665	737	725	793
ILLINOIS	103,223	9,522	8,503	8,977	8,483	8,351	8,067	8,046	7,821	7,932	8,495	8,822	10,204
INDIANA	53,492	4,934	4,345	4,662	4,352	4,278	4,200	4,293	4,163	4,107	4,479	4,448	5,231
IOWA	27,625	2,625	2,242	2,475	2,276	2,231	2,141	2,129	2,106	2,136	2,379	2,229	2,656
KANSAS	23,163	2,127	1,925	2,078	1,985	1,825	1,715	1,869	1,802	1,765	1,848	1,880	2,344
KENTUCKY	36,862	3,448	3,063	3,290	3,129	2,909	2,851	2,829	2,869	2,804	3,128	3,028	3,514
LOUISIANA	39,947	4,011	3,403	3,570	3,318	3,307	3,028	3,185	3,036	3,055	3,255	3,188	3,591
MAINE	11,677	1,146	957	1,010	942	979	913	978	920	906	989	930	1,007

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, 1996

(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.....	41,556	3,777	3,397	3,531	3,468	3,307	3,187	3,315	3,300	3,204	3,503	3,416	4,151
MASSACHUSETTS.....	56,022	5,525	4,660	4,782	4,598	4,477	4,123	4,290	4,354	4,265	4,664	4,684	5,600
MICHIGAN.....	82,488	7,467	6,529	7,275	6,981	6,765	6,489	6,538	6,502	6,315	6,825	6,941	7,861
MINNESOTA.....	37,288	3,489	3,015	3,178	3,053	3,040	2,969	2,856	2,898	2,885	3,196	3,150	3,559
MISSISSIPPI.....	25,812	2,600	2,255	2,243	2,077	2,094	2,014	2,046	2,029	1,928	2,070	2,112	2,344
MISSOURI.....	55,516	5,069	4,684	4,956	4,732	4,443	4,306	4,401	4,344	4,207	4,487	4,482	5,405
MONTANA.....	7,726	702	629	659	616	635	624	630	613	618	654	643	703
NEBRASKA.....	15,676	1,458	1,252	1,464	1,289	1,244	1,261	1,192	1,180	1,190	1,355	1,268	1,523
NEVADA.....	13,878	1,335	1,124	1,154	1,189	1,150	1,135	1,134	1,067	1,060	1,083	1,122	1,325
NEW HAMPSHIRE.....	9,240	856	742	784	753	728	732	751	710	739	815	701	929
NEW JERSEY.....	71,618	6,703	5,813	6,263	5,958	5,633	5,572	5,577	5,576	5,406	5,885	6,047	7,185
NEW MEXICO.....	12,447	1,197	1,000	1,104	1,073	1,031	958	952	940	944	1,029	1,042	1,177
NEW YORK.....	163,310	15,552	13,367	14,006	13,252	13,413	12,495	13,024	12,747	12,275	13,458	13,591	16,130
NORTH CAROLINA.....	66,852	6,544	5,668	5,874	5,543	5,419	4,972	5,127	5,167	5,194	5,578	5,326	6,440
NORTH DAKOTA.....	6,396	555	538	520	546	554	479	488	524	466	556	568	602
OHIO.....	104,799	9,559	8,788	9,469	8,853	8,432	8,143	8,181	7,870	8,052	8,685	8,782	9,985
OKLAHOMA.....	32,129	3,034	2,756	2,974	2,662	2,577	2,460	2,547	2,436	2,463	2,618	2,648	2,954
OREGON.....	29,005	2,738	2,322	2,448	2,374	2,393	2,329	2,378	2,309	2,229	2,350	2,410	2,725
PENNSYLVANIA.....	130,134	12,102	10,666	11,468	10,688	10,619	9,849	9,881	9,991	9,818	10,907	10,928	13,217
RHODE ISLAND.....	9,706	882	756	817	788	850	715	715	748	724	817	869	1,025
SOUTH CAROLINA.....	33,244	3,277	2,833	2,837	2,727	2,655	2,535	2,566	2,587	2,557	2,737	2,780	3,153
SOUTH DAKOTA.....	6,919	638	597	631	515	563	552	553	551	500	608	553	658
TENNESSEE.....	54,513	5,247	4,501	4,726	4,625	4,382	4,127	4,288	4,190	4,208	4,550	4,439	5,230
TEXAS.....	141,887	14,032	12,219	12,781	11,853	11,470	10,961	11,107	10,861	10,660	11,639	11,359	12,945
UTAH.....	11,492	1,082	900	940	922	1,005	915	916	943	838	1,013	944	1,074

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, 1996

(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.....	4,938	487	410	372	410	418	373	409	386	413	384	407	469
VIRGINIA.....	53,001	5,176	4,344	4,625	4,251	4,298	3,966	4,157	4,031	4,089	4,339	4,371	5,354
WASHINGTON.....	42,322	3,795	3,362	3,513	3,344	3,482	3,416	3,484	3,400	3,169	3,511	3,452	4,394
WEST VIRGINIA.....	20,349	1,847	1,712	1,839	1,716	1,726	1,551	1,561	1,489	1,531	1,689	1,721	1,967
WISCONSIN.....	45,042	4,185	3,799	3,863	3,694	3,729	3,320	3,467	3,524	3,495	3,737	3,835	4,394
WYOMING.....	3,421	296	238	272	282	271	282	304	286	285	296	286	323

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

282 Recode	S Limited Len- T Sex Age gth	Cause Title And ICD-9 Codes Included
00100	1	057 I. Infectious and parasitic diseases (001-139)
00200	1	040 Intestinal infectious diseases (001-009)
00300		054 Cholera and typhoid and paratyphoid fevers (001-002)
00400		019 Shigellosis (004)
00500		076 Other salmonella infections and other food poisoning (bacterial) (003,005)
00600		017 Amebiasis (006)
00700		066 Intestinal infections due to other specified organisms (007-008)
00800		041 Ill-defined intestinal infections (009)
00900	1	022 Tuberculosis (010-018)
01000		046 Tuberculosis of respiratory system (010-012)
01100		030 Other tuberculosis (013-018)
01200	1	047 Zoonotic and other bacterial diseases (020-041)
01300		019 Brucellosis (023)
01400		018 Diphtheria (032)
01500		022 Whooping cough (033)
01600		065 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
01700		031 Meningococcal infection (036)
01800		015 Tetanus (037)
01900	3	018 Septicemia (038)
02000		056 All other bacterial diseases (020-022,024-031,039-041)
02100	1	034 Viral diseases (*042-*044,045-079)
02200		027 Acute poliomyelitis (045)
02300		016 Smallpox (050)
02400		015 Measles (055)
02500		015 Rubella (056)
02600		040 Arthropod-borne encephalitis (062-064)
02700		023 Viral hepatitis (070)
02800		074 Other viral diseases (*042-*044,046-049,051-054,057-061,065-066,071-079)
02900	1	058 Rickettsioses and other arthropod-borne diseases (080-088)
03000		042 Typhus and other rickettsioses (080-083)
03100		015 Malaria (084)
03200		046 All other arthropod-borne diseases (085-088)
03300	1	046 Syphilis and other venereal diseases (090-099)
03400	1	020 Syphilis (090-097)
03500		033 Cardiovascular syphilis (093)
03600		023 Neurosyphilis (094)
03700		040 All other syphilis (090-091,095-097)
03800		029 Gonococcal infections (098)
03900		031 Other venereal diseases (099)
04000	1	103 Other infectious and parasitic diseases and late effects of infectious and parasitic diseases (100-139)
04100		019 Mycoses (110-118)
04200		025 Helminthiases (120-129)
04300		036 Late effects of tuberculosis (137)
04400		043 Late effects of acute poliomyelitis (138)
04500		127 All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (100-104,130-136,139)
04600	1	033 II. Neoplasms (140-239)
04700	1	089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
04800	1	064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
04900		016 Of lip (140)
05000		019 Of tongue (141)
05100		026 Of pharynx (146-149.0)
05200		097 Of other and ill-defined sites within the lip, oral cavity, and pharynx (142-145,149.1-149.9)

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

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

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

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

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

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

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

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

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

72 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
010					035 Shigellosis and amebiasis (004,006)
020					045 Certain other intestinal infections (007-009)
030	1				022 Tuberculosis (010-018)
040					046 Tuberculosis of respiratory system (010-012)
050					030 Other tuberculosis (013-018)
060					020 Whooping cough (033)
070					063 Streptococcal sore throat, scarlatina, and erysipelas (034-035)
080					029 Meningococcal infection (036)
090		3			016 Septicemia (038)
100					025 Acute poliomyelitis (045)
110					013 Measles (055)
120					021 Viral hepatitis (070)
130					018 Syphilis (090-097)
140					119 All other infectious and parasitic diseases (001-003,005,020-032, 037,039-041,*042-*044,046-054,056-066,071-088,098-139)
150	1				089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
160					064 Malignant neoplasms of lip, oral cavity, and pharynx (140-149)
170					066 Malignant neoplasms of digestive organs and peritoneum (150-159)
180					071 Malignant neoplasms of respiratory and intrathoracic organs (160-165)
190					040 Malignant neoplasm of breast (174-175)
200					049 Malignant neoplasms of genital organs (179-187)
210					049 Malignant neoplasms of urinary organs (188-189)
220					074 Malignant neoplasms of all other and unspecified sites (170-173,190-199)
230					020 Leukemia (204-208)
240					076 Other malignant neoplasms of lymphatic and hematopoietic tissues (200-203)
250					108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
260					023 Diabetes mellitus (250)
270					034 Nutritional deficiencies (260-269)
280					017 Anemias (280-285)
290					020 Meningitis (320-322)
300	1				039 Major cardiovascular diseases (390-448)
310	1				041 Diseases of heart (390-398,402,404-429)
320					057 Rheumatic fever and rheumatic heart disease (390-398)
330					036 Hypertensive heart disease (402)
340					046 Hypertensive heart and renal disease (404)
350	1				036 Ischemic heart disease (410-414)
360					039 Acute myocardial infarction (410)
370					068 Other acute and subacute forms of ischemic heart disease (411)
380					027 Angina pectoris (413)
390					091 Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)
400					039 Other diseases of endocardium (424)
410					054 All other forms of heart disease (415-423,425-429)
420					054 Hypertension with or without renal disease (401,403)
430	1				036 Cerebrovascular diseases (430-438)
440					061 Intracerebral and other intracranial hemorrhage (431-432)
450					084 Cerebral thrombosis and unspecified occlusion of cerebral arteries (434.0,434.9)
460					029 Cerebral embolism (434.1)
470					076 All other and late effects of cerebrovascular diseases (430,433,435-438)
480					023 Atherosclerosis (440)
490					067 Other diseases of arteries, arterioles, and capillaries (441-448)

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

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

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

61 Recode	S T	Limited Sex	Len- Age	gth	Cause Title And ICD-9 Codes Included
010					039 Certain intestinal infections (008-009)
020					020 Whooping cough (033)
030					029 Meningococcal infection (036)
040			3		016 Septicemia (038)
050					024 Viral diseases (045-079)
060					025 Congenital syphilis (090)
070					110 Remainder of infectious and parasitic diseases (001-007,010-032, 034-035,037,039-041,*042-*044,080-088,091-139)
080					089 Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)
090					108 Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239)
100					030 Diseases of thymus gland (254)
110					023 Cystic fibrosis (277.0)
120					052 Diseases of blood and blood-forming organs (280-289)
130					020 Meningitis (320-322)
140					059 Other diseases of nervous system and sense organs (323-389)
150					044 Acute upper respiratory infections (460-465)
160					042 Bronchitis and bronchiolitis (466,490-491)
170	1				033 Pneumonia and influenza (480-487)
180					021 Pneumonia (480-486)
190					017 Influenza (487)
200					061 Remainder of diseases of respiratory system (470-478,492-519)
210					093 Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)
220					075 Gastritis, duodenitis, and noninfective enteritis and colitis (535,555-558)
230					067 Remainder of diseases of digestive system (520-534,536-543,562-579)
240	1				030 Congenital anomalies (740-759)
250					042 Anencephalus and similar anomalies (740)
260					020 Spina bifida (741)
270					034 Congenital hydrocephalus (742.3)
280					092 Other congenital anomalies of central nervous system and eye (742.0-742.2,742.4-742.9,743)
290					041 Congenital anomalies of heart (745-746)
300					056 Other congenital anomalies of circulatory system (747)
310					050 Congenital anomalies of respiratory system (748)
320					052 Congenital anomalies of digestive system (749-751)
330					056 Congenital anomalies of genitourinary system (752-753)
340					058 Congenital anomalies of musculoskeletal system (754-756)
350					025 Down's syndrome (758.0)
360					043 Other chromosomal anomalies (758.1-758.9)
370					062 All other and unspecified congenital anomalies (744,757,759)

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

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

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

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

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

34 Recode	S T	Limited Sex	Len- 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)

1996 ADDENDUM TO "TECHNICAL APPENDIX" OF VITAL STATISTICS OF THE
UNITED STATES: MORTALITY, 1994

To assist the users of the mortality public-use data tapes, attached is a copy of the "Technical Appendix" of the *Vital Statistics of the United States: Mortality, 1994*. This technical appendix provides certain qualifications that are essential to using, analyzing, and interpreting the data on those tapes. Certain modifications to the technical appendix are essential to make it applicable to the mortality file for the 1996 data year. Those modifications include the following:

I. Sources of data

State-coded medical data

1996

Utah

1995

New Mexico

For 1996, of the States in the VSCP, 42 States submitted precoded medical data for all death certificates in the form of electronic data files. Of these 42 States, Maine, Montana, North Dakota, and Wyoming contracted with a private company to provide NCHS with precoded medical data. The remaining eight VSCP States, New York City, and the District of Columbia submitted copies of the original certificates from which NCHS coded the medical data.

For 1996 approximately 29 percent of the Nation's death records were multiple-cause coded using SuperMICAR and 71 percent using MICAR. This represents data from 22 States which was coded by SuperMICAR and data from 28 States, the District of Columbia, and New York City which was coded by MICAR.

All States submitted precoded demographic data for all death certificates in the form of electronic data files in 1996.

Data for Puerto Rico, the Virgin Islands, and Guam are included on the mortality public-use data tapes. These data were included for the first time for 1994.

II. Classification of data

A. Hispanic origin

Data for 1996 were obtained from the District of Columbia and all States except Oklahoma, which was excluded because the death certificates did not include an item to identify Hispanic or ethnic origin.

Infant mortality--Infant mortality data by Hispanic origin are based on deaths to residents of the same 49 states and the District of Columbia. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups.

Infant mortality rates by Hispanic origin may be biased, because of inconsistencies in reporting Hispanic or ethnic origin between the birth and death certificates for the same infant. Estimates of reporting bias 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). Because of these biases, it is preferable to calculate Hispanic mortality rates for infants using the file of linked infant death and live birth records (1).

In 1990 the 49 States and the District of Columbia accounted for about 99.6 percent of the Hispanic population in the United States, including about 99.5 percent of the Mexican population, 99.8 percent of the Puerto Rican population, 99.9 percent of the Cuban population, and 99.7 percent of the "Other Hispanic" population (3).

B. Educational attainment

Deaths by educational attainment are included on the 1996 public use data tapes. These data were included for the first time for 1989. It is recommended for 1996 that analyses of educational attainment data include 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. While data for Kentucky are included on the data tape, they would be excluded from analyses because more than 20 percent of their death certificates were classified to "unknown educational attainment." Data for Georgia, Oklahoma, Rhode Island, and South Dakota were excluded from the data tape because their

death certificates did not include an educational attainment item.

C. Occupation and industry

Deaths by occupation and industry are included on the 1996 public-use data tapes. These data were included for the first time for 1985. These data were obtained from the following items that appear on the U.S. Standard Certificate of Death:

- o (Item 14a) USUAL OCCUPATION (Give kind of work done during most of working life, even if retired.)
- o (Item 14b) KIND OF BUSINESS OR INDUSTRY

For 1996, the occupation and industry mortality data were included for the following 19 reporting States:

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

Data for 1993-96 were coded using the revised NCHS Part 19 instruction manual (4) 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(5).

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(4).

In addition to the codes shown in the Bureau of the Census publication(5), the following special codes were created:

<u>Occupation</u>	<u>Industry</u>
913 Retired; with no other occupation reported	961 Own Home/At Home
914 Housewife/Homemaker	970 Retired: with no other Industry reported
915 Student	990 Blank, Unknown, NA
916 Volunteer	
917 Unemployed, never worked, disabled, child, infant	
999 Blank, Unknown, NA	

D. 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:

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

E. Report of autopsy

Beginning with the 1995 data year, mortality data on autopsy are no longer processed by NCHS, because of resource constraints.

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, race, and sex for the United States for 1996 are based on population estimates as of July 1, 1996 (6) (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 by specified Hispanic origin, race for non-Hispanic origin, age, and sex for the total of 49 States (excludes Oklahoma) and the District of Columbia are as of July 1, 1996 (7) (available upon request). The estimates for Mexicans, Puerto Ricans, Cubans, and

Other Hispanics are based on the Current Population Survey (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, 1994*).

Population estimates used for computing death rates by marital status, age, race, and sex for the United States (7) are as of July 1, 1996 and are available upon request. Population estimates used for computing death rates by marital status, age, Hispanic origin, race for non-Hispanic origin, and sex for the total of 49 States (excludes Oklahoma) and the District of Columbia (7) are as of July 1, 1996 and are also available upon request. The population estimates for never married, married, widowed, and divorced and 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, 1994*).

Population estimates used for computing death rates by educational attainment, age, and sex for the total of 45 States and the District of Columbia are presented in table IV of the Technical notes of the "Report of Final Mortality Statistics" (8).

Population estimates for each State, Puerto Rico, Virgin Islands, and Guam, (9-12) (available upon request) are based on demographic analysis, and therefore, are not subject to sampling variability.

All population estimates for 1996 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 data (13).

References

1. MacDorman, MF, Atkinson JO. Infant mortality statistics from the linked birth/infant death data set - 1995 period data. Monthly vital statistics report; vol 46 no 6, supp 2. Hyattsville, Maryland: National Center for Health Statistics. 1998.
2. Anderson RN, Kochanek, Murphy SL. Report of final mortality statistics, 1995, Monthly vital statistics report; vol 45 no 11, supp 2. Hyattsville, Maryland: National Center for Health Statistics. 1997.

3. U.S. Bureau of the Census: Unpublished data from the 1990 census for persons of Spanish origin by State.
4. National Center for Health Statistics: Industry and occupation coding for death certificates, 1993. NCHS instruction manual, Part 19. Hyattsville, Maryland: Public Health Service. 1992.
5. U.S. Bureau of the Census: Classified index of industries and occupations. 1990 Census of Population and Housing. Washington: U.S. Department of Commerce. 1992.
6. U.S. Bureau of the Census: United States population estimates, by age, sex, race, Hispanic origin, and non-Hispanic origin: 1996. Census file NESTV96. 1997.
7. U.S. Bureau of the Census: Population estimates based on unpublished tabulations prepared by the Housing and Household Economic Statistics Division.
8. Peters KD, Kochanek KD, Murphy SL. Report of Final Mortality Statistics, 1996. Monthly Vital Statistics Report; in press. Hyattsville, Maryland: National Center for Health Statistics. 1998.
9. U.S. Bureau of the Census. Census file 96AGE796.txt consistent with populations published in Product Announcement CB97-64.
10. U.S. Bureau of the Census. Census file PRICO.WK4.
11. U.S. Bureau of the Census. Census file USVI.WK4.
12. U.S. Bureau of the Census. Census file GUAM.WK4.
13. U.S. Bureau of the Census: Unpublished data from the 1990 census, by age,, sex, race and Hispanic origin. 1990.

TECHNICAL APPENDIX FROM

**VITAL STATISTICS OF
UNITED STATES**

1994

MORTALITY

**U.S. DEPARTMENT OF
HEALTH AND HUMAN SERVICES**

**CENTERS FOR DISEASE CONTROL AND PREVENTION
NATIONAL CENTER FOR HEALTH STATISTICS**

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
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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.

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Sources of data

Death and fetal-death statistics

Mortality statistics for 1994 are, as for all previous years except 1972, based on information from records of all deaths occurring in the United States. Fetal-death statistics for every year are based on all reports of fetal death received by the National Center for Health Statistics (NCHS).

The death-registration system and the fetal-death reporting system of the United States encompass the 50 States, the District of Columbia, New York City (which is independent of New York State for the purpose of death registration), Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Marianas. In 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 and fetal deaths were based solely on information obtained by NCHS from copies of the original certificates. The information from these copies was edited, coded, and tabulated. For 1960-70 all mortality information taken from these records was transferred by NCHS to magnetic tape for computer processing.

Beginning with 1971 an increasing number of States have provided NCHS, via the Vital Statistics Cooperative Program (VSCP), 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
Florida

1972
Maine
Missouri
New Hampshire
Rhode Island
Vermont

1973
Colorado
Michigan
New York (except New York
City)

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1974
Illinois
Iowa
Kansas
Montana
Nebraska
Oregon
South Carolina

1975
Louisiana
Maryland
North Carolina
Oklahoma
Tennessee
Virginia
Wisconsin

1976
Alabama
Kentucky
Minnesota
Nevada
Texas
West Virginia

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 1994 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 40 States now furnishing such data. In 1994 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 10 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.

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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

1991
Arkansas

1992
Montana

1993
Alabama
Connecticut
Hawaii
Nevada
Oregon
South Dakota

1994
Oklahoma
Rhode Island

For 1994 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

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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".

In 1994, 43 States, New York City, the District of Columbia, Puerto Rico, and the Virgin Islands provided NCHS, via the VSCP, electronic data files of fetal-death data coded according to NCHS specifications. The remaining seven States--Arizona, California, Louisiana, Nevada, Ohio, Pennsylvania, and Wyoming--and Guam submitted photocopies of original reports of fetal deaths. For the registration areas submitting photocopies, the demographic items were coded by NCHS.

Standard certificates and reports

For many years, the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death, issued by the Public Health Service, have been used as the principal means to attain uniformity in the contents of documents used to collect information on these events. They have been modified in each State to the extent required by the particular needs of the State or by special provisions of the State vital statistics law. However, the certificates or reports of most States conform closely in content and arrangement to the standards.

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

The current versions of the U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death were recommended for State use beginning on January 1, 1989. The U.S. Standard Certificate of Death and the U.S. Standard Report of Fetal Death are shown in figures 7-A and 7-B, respectively (1).

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, 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). Statistics on fetal deaths were first published for the birth-registration area in 1918 and then every year beginning with 1922.

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Classification of data

The principal value of vital statistics data is realized through the presentation of rates, which are computed by relating the vital events of a class to the population of a similarly defined class. Vital statistics and population statistics must therefore be classified according to similarly defined systems and tabulated in comparable groups. Even when the variables common to both, such as geographic area, age, sex, and race, have been similarly classified and tabulated, differences between the enumeration method of obtaining population data and the registration method of obtaining vital statistics data may result in significant discrepancies.

The general rules used in the classification of geographic and personal items for deaths and fetal deaths for 1994 are set forth in two NCHS instruction manuals (3,4). 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 United States 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 1994 this difference amounted to 3,295 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 (5).

A comparison of the results of this study of deaths with those for a previous matched record study of births (6) showed that the quality of residence data had improved considerably between 1950 and 1960. Both studies found that events in urban areas were overstated by the NCHS classification in comparison with the U.S. Bureau of the Census classification. The magnitude of the difference was substantially less for deaths in 1960 than it was for births in 1950.

The improvement is attributed to an item added in 1956 to the U.S. Standard Certificates of Birth and of Death, asking whether residence was inside or outside city limits. This new item aided in properly allocating the residence of persons living near cities but outside the corporate limits. Although this may have improved the quality of data, accurate determination of place of residence appears to be a continuing problem.

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Geographic classification

The rules followed in the classification of geographic areas for deaths and fetal deaths are contained in the two instruction manuals referred to previously (3,4). The geographic codes assigned by NCHS on birth, death, and fetal-death records are given in another instruction manual (7). 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 (8), except in the New England States.

Outside the New England States, an MSA has either a city with a population of at least 50,000 or a U.S. Bureau of the Census urbanized area of at least 50,000 and a total MSA population of at least 100,000. A PMSA consists of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links and has a population over one million. When PMSA's are defined, the larger area of which they are component parts is designated a Consolidated Metropolitan Statistical Area (CMSA) (9).

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 (10).

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

Population-size groups—In 1994 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.

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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 1994, 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 1994 data, 414 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.

Race

For vital statistics in the United States in 1994, 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 (11). This additional race detail is available on the mortality public-use data tapes (12,13) and in tabular form. Beginning with 1992 data, all records coded as “other races” (0.01 percent of the total deaths in 1994) 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 1994 the number of death records for which race was unknown, not stated, or not classifiable was 2,319 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.

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New Jersey, 1962-64—New Jersey omitted the race item from its certificates of live birth, death, and fetal 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 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 (14). Percent agreement was 99.8 percent for white decedents, and 98.2 percent for black decedents; but less for the smaller minority groups (table A). In another study 29,713 death certificates were compared with responses to the race questions from a total of 12 CPS's conducted by the U.S. Bureau of the Census for the years 1979-85 (15). In this study, entitled the National Longitudinal Mortality Study, agreement for white decedents was 99.2 and for black decedents, 98.2; agreement was less for the smaller race groups. In 1986 the National Mortality Followback Survey, conducted by NCHS, listed a question about the race of decedents 25 years old and over. The total sample was 18,733 decedents (16). 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 origin

Mortality statistics for the Hispanic-origin population are based on information for those States and the District of Columbia that included items on the death certificate to identify Hispanic or ethnic origin of decedents. Data for 1994 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)

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Death rates—Death rates for the total Hispanic population, selected Hispanic subgroups, and race for non-Hispanic origin utilize demographically-derived population estimates produced by the Bureau of the Census (17, 18). By comparison, population estimates for Mexicans, Puerto Ricans, Cubans, and Other Hispanics are based in part on the Current Population Survey. 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 (11). 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 1994, of the 71022 deaths occurring in New York City, only 4 percent were coded to Unknown origin 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 origin—A study (15) 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. In this study, agreement was 89.7 percent for any report of Hispanic origin. The ratio of deaths for CPS divided by deaths for death certificate was 1.07 percent indicating net underreporting of Hispanic origin on death certificates as compared with self-reports on the surveys. The sample was too small to assess the reliability of specified Hispanic groups.

Marital status

Mortality statistics by marital status have been published annually since 1979. They were previously published in the annual volumes for 1949-51 and 1959-61. Several reports analyzing mortality by marital status have been published, including the special study based on 1959-61 data (19). Reference to earlier reports is given in the appendix of part B of the 1959-61 special study.

Mortality statistics by marital status are tabulated separately for never married, married, widowed, and divorced. Certificates on which the marriage is specified as being annulled are classified as never married. Where marital status is specified as separated or common-law marriage, it is classified as married. Of the 2,231,606 resident deaths 15 years of age and over in 1994, 9,555 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 (18). 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”).

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Educational attainment

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

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

Mortality data on educational attainment for 1994 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." Data for New York City are excluded because the education item on its death certificate provided only grouped educational attainment data, and did not provide the level of detail of educational attainment in single years of age needed by NCHS.

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):

- Item 9a. Place of Death (check only one)
 - Hospital: Inpatient
 - ER/Outpatient
 - DOA
 - Other: Nursing Home
 - Residence
 - Other (specify)

- Item 9b. Facility Name (If not institution, give street and number)

Before the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent could be determined if hospital or institution indicated Inpatient, Outpatient, ER, 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 item 9 (or its equivalent) on their certificates. For all reporting States and the District of Columbia in the VSCP, NCHS

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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 "residence" to "other" for "Place of death."

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 the selected causes by day of week. They also make it possible to identify holidays with peak numbers of deaths from specified causes.

Report of autopsy

Before 1972 the last year for which autopsy data were tabulated was 1958. Beginning in 1972 all registration areas requested information on the death certificate as to whether an autopsy was performed. For 1994 autopsies were reported on 213,879 death certificates, 9.4 percent of the total.

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" (20).

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) (20). In addition to specifying that ICD-9 be used, WHO also recommends how the data should be tabulated to promote

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international comparability. The recommended system for tabulating data in ICD-9 allows countries to construct their mortality and morbidity tabulation lists from the rubrics of the WHO Basic Tabulation List (BTL) if the rubrics from the WHO mortality and morbidity lists, respectively, are included. This tabulation system for the Ninth Revision is more flexible than that of the Eighth Revision, in which specific lists were recommended for tabulating mortality and morbidity data.

The BTL recommended under the Ninth Revision consists of 57 two-digit rubrics that when added equal the "all causes" total. Identified within each two-digit rubric are up to nine three-digit rubrics that are numbered from zero to eight and whose total does not equal the two-digit rubric. The two-digit BTL rubrics 01-46 are used for the tabulation of nonviolent deaths according to ICD categories 001-799. Rubrics relating to chapter 17 (nature-of-injury causes 47-56) are not used by NCHS for selecting underlying cause of death; rather, preference is given to rubrics E47-E56. The 57th two-digit rubric (VO) is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics that are the minimum necessary for the national display of mortality data.

Five lists of causes have been developed for tabulation and publication of mortality data--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 from BTL rubrics 01-46 and E47-E56. Each of the 56 BTL two-digit titles can be obtained either directly or by combining titles in the List. The three-digit level of the BTL is modified more extensively. Where more detail was desired, categories not shown in the three-digit rubrics were added to the List of 282 Selected Causes of Death. Where less detail was needed, the three-digit rubrics were combined. Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death. 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 inclusions in the body of each table.

Effect of list revisions--The International Lists, or adaptations of them, used in the United States since 1900, have been revised approximately every 10 years so the disease classifications may be consistent with

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advances in medical science and with changes in diagnostic practice. Each revision of the International Lists has produced some break in comparability of cause-of-death statistics. Cause-of-death statistics beginning with 1979 are classified by NCHS according to ICD-9 (20). For a discussion of each of the classifications used with death statistics since 1900, see *Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 9-14.*

A dual coding study was undertaken in which the Ninth and the Eighth Revisions were compared to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new revision. A study for the List of 72 Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (21). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list used for provisional data in the *Monthly Vital Statistics Report*, another NCHS publication. Comparability studies were also undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth and Fifth Revisions. For additional information about these studies, see the Technical Appendix from *Vital Statistics 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. The more important changes are discussed as follows: In early 1983 a change that affected data from 1981 to 1986 was made in the coding of Acquired immunodeficiency syndrome 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).

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 1994—The rules and instructions used in coding 1994 mortality medical data remained essentially the same as those used for the 1993 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 (22), 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

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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 1994, 1.1 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) (23), the multiple cause codes serve as inputs to the computer software that employs WHO rules to select the underlying cause. Many States also have implemented ACME and provide multiple cause and underlying cause data to NCHS in electronic form.

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 (23,24,25).

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) (26,27), 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 consistent application of multiple-cause coding rules, which is especially important for rules that are complex and infrequently applied. In addition, MICAR ultimately will provide more detailed information on the conditions reported on death certificates than is available through the ICD category structure (28). In the first year of implementation, only about 5 percent (94,372) 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, and 72 percent in 1994. States whose data were coded by MICAR in 1994 included Alabama, Arizona, Arkansas, Delaware, District of Columbia, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York (excluding New York City), New York City, North Carolina, Ohio, Pennsylvania, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, and Wisconsin. For these States, MICAR processed about 88 percent of the mortality records with an average system error rate of 0.33 on an underlying cause basis, and a rate of 0.58 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

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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. States using SuperMICAR in 1994 included Colorado, Connecticut, Hawaii, Idaho, Michigan, Minnesota, Oklahoma, Oregon, Rhode Island, and South Carolina. In 1994, for these States, SuperMICAR processed about 75 percent of the mortality records with an average system error rate of 0.50 on an underlying cause basis, and a rate of 1.03 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 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.

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

Race—Beginning with the 1989 data year, NCHS changed the method of tabulating live birth and fetal death data by race from race of parents to race of mother. This resulted in a discontinuity in maternal mortality rates by race between 1989-94 and previous years; see “Change in tabulation of race data for live births and fetal deaths,” under “Infant deaths” in the Technical Appendix from *Vital Statistics of the United States*, 1990, or the series report, “Effect on Mortality Rates of the 1989 Change in Tabulating Race” (29).

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 (30,31). 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 (32,33,34).

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 (33).

Change in tabulation of race data for live births and fetal deaths—Beginning with the 1989 data year, NCHS changed the method of tabulating live-birth and fetal-death data by race from race of 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 1989-94 data, and that for previous years. For fetal and

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perinatal mortality rates, the numerator and the denominator of the rates are affected, resulting in a slightly smaller discontinuity. For additional information, see the Technical Appendix from *Vital Statistics of the United States*, 1990, or the series report, "Effect on Mortality Rates of the 1989 Change in Tabulating Race" (29).

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 (35).

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 (35).

Estimates can be made of the degree of bias in race-specific infant mortality rates by comparing rates for birth cohorts based on the linked birth and infant death data set (36,37) with period rates based on mortality data for the same year(s). The period rates are unlinked because the infant death certificates have not been linked to the corresponding birth certificates.

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

Based on data comparing infant mortality rates from the linked data set for the birth cohorts of 1989-91 with unlinked rates for the period 1989-91, bias in the rates for the two major race groups—white and black—is small (table B). However, linked rates for the smaller race groups are estimated to be higher than unlinked rates by 2 to 56 percent.

The exception to this pattern is for Hawaiians, where linked rates are 17 percent lower than unlinked rates. This may reflect the slightly different race coding rules used for Hawaiians than those used for other races (see "Race" under "Classification of data"). For mortality data, in cases of mixed Hawaiian and other race parentage, race is always classified as "Hawaiian." In contrast, the race data from the birth certificate is classified according to the race of the mother. The race data from the birth certificate is used in the denominator of the unlinked infant mortality rates, and in the numerator and denominator of the linked infant mortality rates. This difference leads to slightly fewer infant deaths being classified as Hawaiian in the linked data, compared to the unlinked data. The linked infant mortality rate for Hawaiians is considered to be more accurate, because the numerator and denominator data come from the same data source and are coded in the same manner.

Cohort infant mortality rates from the linked file have not been adjusted to reflect the 2 to 3 percent of infant death records that were not linked to their corresponding birth records. Because of systematic underestimation of infant mortality rates based on unlinked data, the national linked files should be used to measure infant mortality for races other than black and white. For the white and black populations, unlinked data are a close approximation of the rates based on linked files.

Hispanic origin—Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin (see "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

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non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1994 was 1.3 percent and the percent of live births of unknown origin was 1.1 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin 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").

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

Fetal deaths

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

Death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles (38).

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

Shortly thereafter, this definition was adopted by NCHS as the nationally recommended standard. All registration areas except Puerto Rico have definitions similar to the standard definition (39). Puerto Rico has no formal definition.

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

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

Group IV consists of fetal deaths with gestation not stated but presumed to be 20 weeks or more.

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

The 1977 revision of the *Model State Vital Statistics Act and Model State Vital Statistics Regulations* (40) recommended spontaneous fetal deaths at a gestation of 20 weeks or more or a weight of 350 grams or more be reported and further be reported on separate forms. These should be considered legally required statistical reports rather than legal documents. The 1992 revision of the *Model State Vital Statistics Act and Regulations* (41) recommended all spontaneous fetal deaths weighing 350 grams or more, or if weight is unknown, fetal deaths of 20 completed weeks of gestation be reported.

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

Comparability and completeness of data—Registration area requirements for reporting fetal deaths vary. Most of the areas require reporting of fetal death at gestations of 20 weeks or more. Table C shows the minimum period of gestation required by each State to report a fetal death in 1994. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (42,43).

Underreporting of fetal deaths is most likely to occur in the earlier part of the required reporting period for each State (42). Thus, for States requiring reporting of all periods of gestation, fetal deaths occurring under 20 weeks of gestation are less completely reported; for States requiring reporting of fetal deaths of 20 weeks or more, fetal deaths occurring at 20-23 weeks are less completely reported. Thus, reporting of fetal deaths at 20-23 weeks of gestation may be more complete for those States that report fetal deaths at all periods of gestation than for others.

To maximize the comparability of data by year and by State, most of the tables on fetal deaths are based on fetal deaths occurring at gestations of 20 weeks or more. These tabulations also include fetal deaths for which gestation is not stated for those States requiring reporting at 20 weeks of gestation or more only. Beginning with 1969 fetal deaths of not stated gestation were excluded for States requiring reporting of all products of conception except for those with a stated birthweight of 500 grams or more. In 1994 this rule was applied to the following States: Georgia, Hawaii, New York (including New York City), Rhode Island, and Virginia. Each year there are exceptions to this procedure.

Delaware—Beginning in July 1992, Delaware changed its reporting requirements for spontaneous fetal deaths from 20 weeks of gestation or more to 350 grams or more (table C). If weight is unknown, all fetal deaths of 20 weeks of gestation or more should be reported.

Montana—Beginning in October 1991, Montana changed its reporting requirements for spontaneous fetal deaths from 20 weeks of gestation or more to 20 weeks of gestation or more or 500 grams (table C).

New York City—As a result of local efforts to improve reporting, a combined total of 10,470 additional 1990 and 1991 fetal death records were sent from New York City hospitals after the data files had been processed and tabulated. Most of these records are for fetal deaths under 20 weeks of gestation or not-stated gestation. Tables for 1991 may exclude the additional deaths.

Revised Report of Fetal Death for 1989—Beginning with data for 1989, new items were added to the U.S. Standard Report of Fetal Death, including Hispanic origin of the mother and father, medical and other risk factors of pregnancy, obstetric procedures, and method of delivery. In addition, questions on complications of labor and/or delivery and congenital anomalies of fetus were changed from an open-ended question to a checkbox format to ensure more complete reporting of information (44).

Interpretation of these data must include evaluation of the item completeness of reporting. The percent "not stated" is one measure of the quality of the data. Completeness of reporting varies among items and States. See table D for the percent of fetal death records on which specified items were not stated.

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

Period of gestation—The period of gestation is the number of completed weeks elapsed between the first day of the last normal menstrual period (LMP) and the date of delivery. The first day of the LMP is used as the initial date because it can be more accurately determined than the date of conception, which usually occurs 2 weeks after LMP. Data on period of gestation are computed from information on "date of delivery" and "date last normal

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menses began." If "date last normal menses began" is not on the record or if the calculated gestation falls beyond a duration considered biologically plausible, the "Physician's estimate of gestation" is used.

To improve data quality, beginning with data for 1989, NCHS instituted a new computer edit to check for consistency between gestation and birthweight (45). Briefly, if LMP gestation is inconsistent with birthweight, and the physician's estimate is consistent, the physician's estimate is used; if both are inconsistent with birthweight but are consistent with each other, LMP gestation is used, and birthweight is assigned to unknown. When the period of gestation is reported in months on the report, it is allocated to gestational intervals in weeks as follows:

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

All areas reported LMP in 1994, and all areas except California, Louisiana, Maryland, and Oklahoma reported physician's estimate of gestation.

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

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

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

Race--Beginning with data for 1989, NCHS changed the method of tabulating fetal death, perinatal, and live birth data by race from race of parents to race of mother. When the race of the mother is unknown, the mother is assigned the father's race; when information for both parents is missing, the race of the mother is assigned to the specific race of the mother of the preceding record with known race.

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The change in tabulation of race has resulted in a discontinuity in fetal mortality rates by race for data year 1989-94 relative to previous years; see "Change in tabulation of race data for live births and fetal deaths," under "Infant deaths" or the series report, "Effect on Mortality Rates of the 1989 Change in Tabulating Race" (29).

Hispanic origin of mother—Fetal mortality data for the Hispanic-origin population are based on fetal deaths to mothers of Hispanic origin who were residents of those States and the District of Columbia that included items on the report of fetal death to identify Hispanic or ethnic origin of mother. Data for 1994 were obtained from 46 States and the District of Columbia; areas not supplying data were Louisiana, Maryland, Massachusetts, and Oklahoma. Of the reporting areas, only 42 States and the District of Columbia had an item on Hispanic or ethnic origin on the death certificate, birth certificate, and report of fetal death whose data for all three files were at least 80 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. These 42 States and the District of Columbia accounted for about 96 percent of the Hispanic population in 1990, including 99 percent of the Mexican population, 87 percent of the Puerto Rican population, 97 percent of the Cuban population, and 93 percent of the "Other Hispanic" population (11). (See also "Hispanic origin" under "Classification of data.") The States excluded are Connecticut, Louisiana, Maine, Maryland, Massachusetts, New Hampshire, Oklahoma, and Rhode Island.

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

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

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

Marital status—Fetal deaths and fetal mortality rates by mother's marital status are based on data from 43 States and the District of Columbia. Reports of fetal death for the remaining seven States—California, Connecticut, Maryland, Michigan, Nevada, New York (including New York City), and Texas—did not include an item on marital status.

Beginning with data for 1989, fetal-death reports with marital status not stated are shown as not stated in frequencies, but are proportionally distributed for rate computations into either the married or unmarried categories according to the percent of fetal-death reports with stated marital status that fall into each category for the reporting States. Before 1989 fetal-death reports with not-stated marital status were assigned to the married category. Because of this change, fetal-death frequencies and rates by marital status for 1989-94 are not strictly comparable with those for previous years.

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

Age of mother—Beginning with data for 1989, the U.S. Standard Report of Fetal Death asks for the mother's date of birth. Age of mother is computed from the mother's date of birth and the date of the termination of the pregnancy. For those States whose certificates do not contain an item for the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years of age and over, the age of the mother is considered

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not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

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

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

Perinatal mortality

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

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among States. Because reporting is generally sporadic near the lower limit of the reporting requirement, States that require reporting of all products of pregnancy, regardless of gestation, are likely to have more complete reporting of fetal deaths at 20 weeks or more than those States that do not. The larger number of fetal deaths reported for these “all periods” States may result in higher perinatal mortality rates than those rates reported for States whose reporting is less complete. Accordingly, reporting completeness may account, in part, for differences among the State perinatal rates, particularly differences for Definitions II and III, which use data for fetal deaths at 20-27 weeks.

Not stated—Fetal deaths with gestational age not stated are presumed to be of 20 weeks of gestation or more if the State requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those States requiring reporting of all fetal deaths, regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more, according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

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

Race—Beginning with the 1989 data year, NCHS changed the method of tabulating fetal-death and live-birth data by race from race of parents to race of mother. This has resulted in a discontinuity in perinatal

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mortality rates by race between 1989-94 data and those for previous years; see "Change in tabulation of race data for live births and fetal deaths" under "Infant deaths."

Hispanic origin—See "Hispanic origin of mother" under "Fetal deaths."

Quality of data

Completeness of registration

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

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

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

Amended records for Alaska—Numbers of deaths occurring in Alaska for 1994 are in error for all causes of death combined and for selected causes because NCHS did not receive changes resulting from amended records. An estimate of the effect of these omissions can be derived by comparing NCHS counts of records processed through the VSCP with counts prepared by Alaska as shown in table E. Differences are concentrated among selected causes of death, principally Symptoms, signs, and ill-defined conditions (ICD-9 Nos. 780-799) and external causes.

Quality control procedures

Demographic items on the death certificate—As previously indicated, for 1994 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 1994 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 40 States sending electronic files, the average outgoing error rate in 1994 was estimated at 2.6 percent for underlying cause data, and 5.2 percent for multiple cause-of-death data.

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For the remaining 10 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 these areas was 4.3 percent.

Demographic items on the report of fetal death—As previously indicated, for 1994 the fetal-death demographic data were obtained from two sources: Coded records in electronic form from 47 registration areas and photocopies of the original certificates furnished by the remaining registration areas. For the eight registration areas submitting photocopies, NCHS coded the records. State-coded records may incorporate corrections made to the records as a result of queries whereas items from photocopies would be less likely to incorporate all corrections.

Beginning with data year 1993, quality control for fetal-death data was limited to computer edit checks, code validations, and comparisons of tabulated data with that for the previous year. Dual-coding of a sample of fetal-death records was not performed because of resource constraints.

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

Computation of rates and other measures

Population bases

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 1933-94 are shown in Table F. In addition, the population including Armed Forces abroad is shown for the United States. Table G lists the sources for these populations.

Populations for 1994—Population estimates of the United States by age, race, and sex for 1994 are shown in Table H. The 1994 estimates are consistent with those for 1990-93. Population estimates for each State by age for 1994 are shown in Table I. Since these population estimates are based on demographic analysis, they are not subject to sampling variability.

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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, 1994 (see Table J)
- Estimated population for ages 15 years and over by 5-year age groups, marital status, race, and sex: United States, 1994 (see Table K)
- 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, 1994 (see Table L)

Population estimates by specified Hispanic origin, by educational attainment, 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 (47). 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) (48) 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 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.

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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 (47). 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 (49). 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 (50). 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.

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

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

Net census undercount

Errors can be introduced into the annual rates as a result of underenumeration of deaths and the misreporting of demographic characteristics. Errors in rates can also result from enumeration errors in the latest decennial census. This is because annual population estimates for the postcensal interval, which are used in the denominator for calculating death rates, are computed using the decennial census count as a base (47). Net census undercount results from the miscounting and misreporting of demographic characteristics such as age. Age-specific death rates are affected by the net census undercount and the misreporting of age on the death certificate (51). 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.

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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 (52-55). 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 1994 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 M). 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 N). 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.

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If death rates by age were adjusted, the corresponding life expectancy at birth computed from these rates would change. When calculating life expectancy, the impact of an undercount or overcount is greatest at the younger ages. In general, the effect of correcting the death rates is to increase the estimate of life expectancy at birth. For example, adjustment for net census undercount would increase life expectancy in 1990 by an estimated 0.2 years, from 75.4 years to 75.6 years for the total U.S. population.

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

Age-adjusted death rates

Age-adjusted death rates are used to compare relative mortality risk across groups and over time. However, they should be viewed as constructs or indexes rather than as direct or actual measures of mortality risk. Statistically, they are weighted averages of the age-specific death rates, where the weights represent the fixed population proportions by age (56). 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 (31)). 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

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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

Life tables

U.S. abridged life tables are constructed by reference to a standard table (57). Life tables for the decennial period 1979-81 are used as the standard life tables in constructing the 1980-94 abridged life tables. Life table 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_x) for years prior to 1945, estimates were prepared for the following race and sex groups and data years (58).

<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.

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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 (59). 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 1994 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 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. Statistical reliability testing for death rates based on sample population estimates were introduced beginning with specified Hispanic-origin data for 1994. This reliability testing is also applicable to rates by marital status.

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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.

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 O

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Age-adjusted death rates—

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

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 O

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

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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 O

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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 O

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

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

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

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

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

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

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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 O:

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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References

1. Tolson GC, Barnes JM, Gay GA, Kowaleski JL. The 1989 revision of the U.S. standard certificates and reports. National Center for Health Statistics. *Vital Health Stat* 4(28). 1991.
2. Hetzel AM. U.S. vital statistics system: major activities and developments, 1950-95. National Center for Health Statistics. 1997.
3. National Center for Health Statistics. Vital statistics, classification, and coding instructions for fetal death records, 1994. NCHS instruction manual; part 3b. Hyattsville, Maryland: Public Health Service. Published annually.
4. National Center for Health Statistics. Vital statistics, demographic classification, and coding instructions for death records, 1994. NCHS instruction manual; part 4. Hyattsville, Maryland: Public Health Service. Published annually.
5. McCarthy MA. Comparison of the classification of place of residence on death certificates and matching census records: United States, May-August 1960. National Center for Health Statistics. *Vital and Health Stat* 2(30). 1969.
6. National Vital Statistics Division. Matched record comparison of birth certificate and census information, United States, 1950. *Vital statistics-Special reports*; vol 47 no 12. Washington: Public Health Service. 1962.
7. National Center for Health Statistics. Vital statistics, vital records geographic classification, 1994. NCHS instruction manual; part 8. Hyattsville, Maryland: Public Health Service. 1993.
8. U.S. Bureau of the Census. Population of metropolitan areas and component geography: 1990 and 1980 (6-30-93 definitions). CPH-L-145. Washington: U.S. Department of Commerce. 1993.
9. U.S. Department of Commerce. Metropolitan statistical areas classification. *Federal register*, vol 45 no 2. Washington: U.S. Government Printing Office, 956-62. 1980.
10. U.S. Office of Management and Budget. Standard metropolitan statistical areas, rev. ed. Washington: U.S. Government Printing Office, 89-90. 1975.
11. U.S. Bureau of the Census. 1990 Census of population. General population characteristics; (1990 CP-1-1). Washington: U.S. Department of Commerce. 1992.
12. National Center for Health Statistics. Public-use data tape documentation: Mortality detail 1994 data. Washington: Public Health Service. 1996.
13. National Center for Health Statistics. Public-use data tape documentation: Multiple cause of death for ICD-9 1994 data. Washington: Public Health Service. 1996.
14. Hambright TZ. Comparability of marital status, race, nativity, and country of origin on the death certificate and matching census record: United States, May-August 1960. National Center for Health Statistics. *Vital Health Stat* 2(34). 1969.
15. Sorlie PD, Rogot E, Johnson NJ. Validity of demographic characteristics on the death certificate. *Epidemiology* 3(2):181-4. 1992.
16. Poe GS, Powell-Griner E, McLaughlin JK, et al. Comparability of the death certificate and the 1986 national mortality followback survey. National Center for Health Statistics. *Vital Health Stat* 2(118). 1993.
17. U.S. Bureau of the Census. U.S. population estimates by age, sex, race, and Hispanic origin: 1994. Census file E94SASUS. 1995.
18. U.S. Bureau of the Census. Population estimates based on unpublished tabulations prepared by the Housing and Household Economic Statistics Division. 1996.
19. Klebba AJ. Mortality from selected causes by marital status: United States, parts A and B. National Center for Health Statistics. *Vital Health Stat* 20(8a) and 20(8b). 1970.

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20. World Health Organization. Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death, based on the recommendations of the Ninth Revision Conference, 1975. Geneva: World Health Organization. 1977.
21. National Center for Health Statistics. Estimates of selected comparability ratios based on dual coding of 1976 death certificates by the Eighth and Ninth Revisions of the International Classification of Diseases. Monthly vital statistics report; vol 28 no 11, suppl. Hyattsville, Maryland: Public Health Service. 1980.
22. Gittelsohn A, Royston PN. Annotated bibliography of cause-of-death validation studies, 1958-80. National Center for Health Statistics. Vital Health Stat 2(89). 1982.
23. National Center for Health Statistics. Vital statistics, ICD-9 ACME decision tables for classifying underlying causes of death, 1991. NCHS instruction manual; part 2c. Hyattsville, Maryland: Public Health Service. Published annually.
24. National Center for Health Statistics. Instructions for classifying multiple causes of death. NCHS instruction manual; part 2b. Hyattsville, Maryland: Public Health Service. Published annually.
25. National Center for Health Statistics. Nonindexed terms, standard abbreviations, and state geographic codes used in mortality data classification. NCHS instruction manual; part 2e. Hyattsville, Maryland: Public Health Service. Published annually.
26. National Center for Health Statistics. Vital statistics, data entry instructions for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2g. Hyattsville, Maryland: Public Health Service. Published annually.
27. National Center for Health Statistics. Vital statistics, dictionary of valid terms for the mortality medical indexing, classification, and retrieval system (MICAR). NCHS instruction manual; part 2h. Hyattsville, Maryland: Public Health Service. Published annually.
28. Harris KW, Rosenberg HM, Kochanek KD, et al. Evaluation of an automated multiple causes of death coding system. In: American Statistical Association. 1993 Proceedings of the social statistics section. Alexandria, Virginia: American Statistical Association. 262-5. 1993.
29. Hoyert DL. Effect on mortality rates of the 1989 change in tabulating race. National Center for Health Statistics. Vital Health Stat 20(25). 1994.
30. Guralnick L, Winter ED. A note on cohort infant mortality rates. Public Health Rep 80:692-4. 1965.
31. Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940-60. National Center for Health Statistics. Washington: Public Health Service. 1968.
32. McCarthy B, Terry J, RoCHAT R, et al. The underregistration of neonatal deaths: Georgia 1974-77. Am J Public Health 70:977-82. 1980.
33. Linder FE, Grove RD. Vital statistics rates in the United States, 1900-40. Washington: National Office of Vital Statistics. 1947.
34. Chase HC, Weiner L, Garfinkel J. Vital signs present at birth. National Center for Health Statistics. Vital and Health Stat 2(46). 1972.
35. Frost F, Shy KK. Racial differences between linked birth and infant death records in Washington State. Am J Public Health 70:974-6. 1980.
36. Prager K, Flinchum GA, Johnson DP. The NCHS pilot project to link birth and infant death records: Stage 1. Public Health Rep 102:216-23. 1987.
37. National Center for Health Statistics. Public-use data tape documentation. Linked birth/infant death data set: 1989-91 birth cohorts. Hyattsville, Maryland: Public Health Service. 1995.
38. National Office of Vital Statistics. International recommendations on definitions of live birth and fetal death. Washington: Public Health Service. 1950.
39. National Center for Health Statistics. State definitions and reporting requirements for live births, fetal deaths, and induced terminations of pregnancy. Washington: Public Health Service. 1981.

**VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
TECHNICAL APPENDIX**

40. National Center for Health Statistics. Model state vital statistics act and model state vital statistics regulations. Washington: Public Health Service. 1978.
41. National Center for Health Statistics. Model state vital statistics act and model state vital statistics regulations. Washington: Public Health Service. 1995.
42. Greb AE, Pauli RM, Kirby RS. Accuracy of fetal death reports: Comparison with data from an independent stillbirth assessment program. *Am J Public Health* 77:1202-6. 1987.
43. Goldhaber MK. Fetal death ratios in a prospective study compared to State fetal death certificate reporting. *Am J Public Health* 79(9):1268-70. 1989.
44. Hoyert DL. Medical and lifestyle risk factors affecting fetal mortality, 1989-90. National Center for Health Stat. *Vital Health Stat* (20)(31). 1996.
45. National Center for Health Statistics. Editing specifications for fetal death records. Unpublished manuscript. Hyattsville, Maryland: Public Health Service. 1991.
46. National Center for Health Statistics. Vital statistics, computer edits for mortality data, effective 1989. NCHS instruction manual; part 11. Hyattsville, Maryland: Public Health Service. 1989.
47. U.S. Bureau of the Census. U.S. population estimates by age, sex, race, and Hispanic origin: 1980-91. Current population reports; series P-25, no 1095. Washington: U.S. Department of Commerce. 1993.
48. Executive Office of the President. Office of Management and Budget. Statistical Policy Directive No. 15. Race and ethnic standards for federal statistics and administrative reporting.
49. National Center for Health Statistics. Technical appendix. Vital statistics of the United States, 1980, vol II, mortality, part A. Washington: Public Health Service. 1985.
50. U.S. Bureau of the Census. Coverage of the national population in the 1980 census by age, sex, and race. Preliminary estimates by demographic analysis. Current population reports; series P-23, no 115. Washington: U.S. Department of Commerce. 1982.
51. Hambright TZ. Comparability of age on the death certificate and matching census records: United States, May-August 1960. National Center for Health Statistics. *Vital Health Stat* 2(29). 1968.
52. U.S. Bureau of the Census. Estimates of coverage of the population by sex, race, and age—demographic analysis: 1970 census of population and housing. PHC(E)-4. Washington: U.S. Department of Commerce. 1974.
53. U.S. Bureau of the Census. Developmental estimates of the coverage of the population of States in the 1970 census—demographic analysis. Current population reports; series P-23, no 65. Washington: U.S. Department of Commerce. 1977.
54. Passel JS, Robinson JG. Revised demographic estimates of the coverage of the population by age, sex, and race in the 1980 Census. Unpublished memorandum, U.S. Bureau of the Census. Washington: U.S. Department of Commerce. 1985.
55. U.S. Bureau of the Census. Estimates of population of the United States by age, sex, and race: 1980 to 1985. Current population reports; series P-25, no 985. Washington: U.S. Department of Commerce. 1986.
56. Feinleib M, Zarate AO, eds. Reconsidering age adjustment procedures: Workshop proceedings. National Center for Health Statistics. *Vital Health Stat* 4(29). 1992.
57. Sirken MG. Comparison of two methods of constructing abridged life tables by reference to a “standard” table. National Center for Health Statistics. *Vital Health Stat* 2(4). 1966.
58. Greville TNE, Carlson GA. Estimated average length of life in the death-registration States. *Vital statistics-Special reports*. vol 33 no 9. National Center for Health Statistics. Washington: Public Health Service. 1951.
59. Chiang CL. Standard error of the age-adjusted death rate. *Vital statistics-Special reports*. vol 47 no 9. National Center for Health Statistics. Washington: Public Health Service. 1961.
60. Pearson, ES, Hartley, HO. *Biometrika tables for statisticians*, vol I. Cambridge University Press. 1966.

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SYMBOLS USED IN TABLES

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

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

Figure 7-A. U.S. Standard Certificate of Death

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U.S. STANDARD
REPORT OF FETAL DEATH

STATE FILE NUMBER _____

1. FACILITY NAME (If not institution, give street and number) _____

2. CITY, TOWN OR LOCATION OF DELIVERY _____ 3. COUNTY OF DELIVERY _____ 4. DATE OF DELIVERY (Month, Day, Year) _____ 5. SEX OF FETUS _____

6a. MOTHER'S NAME (First, Middle, Last) _____ 6b. MAIDEN SURNAME _____ 7. DATE OF BIRTH (Month, Day, Year) _____

8a. RESIDENCE-STATE _____ 8b. COUNTY _____ 8c. CITY, TOWN, OR LOCATION _____ 8d. STREET AND NUMBER _____

9a. INSIDE CITY LIMITS? (Yes or no) _____ 9b. ZIP CODE _____ 9c. FATHER'S NAME (First, Middle, Last) _____ 10. DATE OF BIRTH (Month, Day, Year) _____

11. OF HISPANIC ORIGIN? (Specify No or Yes - If yes, specify Cuban, Mexican, Puerto Rican, etc.) _____

12. RACE—American Indian, Black, White, etc. (Specify below) _____

13. EDUCATION (Specify only highest grade completed) _____

14. OCCUPATION AND BUSINESS/INDUSTRY (Worked during last year) _____

11a. No Yes Specify: _____

12a. _____

13a. _____

14a. _____

11b. No Yes Specify: _____

12b. _____

13b. _____

14b. _____

15. PREGNANCY HISTORY (Complete each section)

16. MOTHER MARRIED? (At delivery, conception, or any time between) (Yes or no) _____

17. DATE LAST NORMAL MENSES BEGAN (Month, Day, Year) _____

18. MONTH OF PREGNANCY PRENATAL CARE BEGAN—First, Second, Third, etc. (Specify) _____

19. PRENATAL VISITS—Total Number (If none, so state) _____

20. WEIGHT OF FETUS (Specify Unit) _____

21. CLINICAL ESTIMATE OF GESTATION (Weeks) _____

22a. PLURALITY—Single, Twin, Triplet, etc. (Specify) _____

22b. IF NOT SINGLE BIRTH—Born First, Second, Third, etc. (Specify) _____

23a. MEDICAL RISK FACTORS FOR THIS PREGNANCY (Check all that apply)

24. OBSTETRIC PROCEDURES (Check all that apply)

25. CONGENITAL ANOMALIES OF FETUS (Check all that apply)

26. COMPLICATIONS OF LABOR AND/OR DELIVERY (Check all that apply)

27. METHOD OF DELIVERY (Check all that apply)

28. OTHER RISK FACTORS FOR THIS PREGNANCY (Complete all items)

29. FETAL AND/OR MATERNAL CONDITIONS CONTRIBUTING TO FETAL DEATH BUT NOT RESULTING IN THE UNDERLYING CAUSE GIVEN IN PART I.

30. ATTENDANT'S NAME AND TITLE (Type/Print)

31. NAME AND TITLE OF PERSON COMPLETING REPORT (Type/Print)

32. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify)

Figure 7-B. U.S. Standard Report of Fetal Death

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

— Data not available.

... Category not applicable.

¹NLMS is defined as National Longitudinal Mortality Study.

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

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Table B. Infant mortality rates by race of mother from linked and unlinked data, 1989-91; and ratio of linked to unlinked rates: United States

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

Race	Unlinked period rate 1989-91	Linked birth cohort rate 1989-91	Ratio linked/ unlinked rates
All races.....	9.3	9.0	0.97
White.....	7.6	7.4	0.97
Black.....	18.0	17.1	0.95
American Indian.....	11.2	12.6	1.13
Chinese.....	5.0	5.1	1.02
Japanese.....	4.4	5.3	1.20
Hawaiian.....	10.9	9.0	0.83
Filipino.....	4.1	6.4	1.56
Other Asian or Pacific Islander.....	5.6	7.0	1.25

NOTE: Births for race not stated are not distributed.

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Table C. Period of gestation at which fetal-death reporting is required:
Each reporting area, 1994

Area	All periods of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Alabama			X						
Alaska			X						
Arizona				X					
Arkansas	X ¹								
California			X						
Colorado	X ¹								
Connecticut			X						
Delaware								X ²	
District of Columbia						X			
Florida			X						
Georgia	X								
Hawaii	X								
Idaho				X					
Illinois			X						
Indiana			X						
Iowa			X						
Kansas								X	
Kentucky				X					
Louisiana				X					
Maine			X						
Maryland			X ²						
Massachusetts				X					
Michigan					X				
Minnesota			X						
Mississippi				X					
Missouri				X					
Montana						X			
Nebraska			X						
Nevada			X						
New Hampshire				X					
New Jersey			X						
New Mexico									X
New York									
New York excluding New York City	X								
New York City	X								
North Carolina			X						
North Dakota			X						
Ohio			X						
Oklahoma			X						

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Table C. Period of gestation at which fetal-death reporting is required:
Each reporting area, 1994

Area	All periods of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Oregon			X						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X
Tennessee									X ⁴
Texas			X						
Utah			X						
Vermont			X ⁵						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						
Puerto Rico							X		
Virgin Islands	X								
Guam			X						

¹Although State law requires the reporting of fetal deaths of all periods of gestation, only data for fetal deaths of 20 weeks of gestation or more are provided to NCHS.

²If weight is unknown, 20 completed weeks of gestation or more.

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

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

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

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Table D. Percent of fetal death records on which specified items were not stated: Each State, 1994

[By place of occurrence. Records include only those with stated or presumed period of gestation of 20 weeks or more]

Area	Length of gestation ¹	Marital status	Place of delivery	Birth-weight	Month prenatal care began	Number of prenatal visits	Hispanic origin of mother	Mother's educational attainment	Medical risk factors ²	Tobacco use	Alcohol use	Obstetric procedures	Complications of labor and/or delivery ³	Congenital anomalies
Alabama	0.9	0.7	-	4.4	7.7	8.3	0.2	6.3	1.6	3.2	3.2	1.1	2.5	2.5
Alaska	2.4	2.4	-	4.8	2.4	4.8	2.4	11.9	-	4.8	2.4	-	-	2.4
Arizona	2.0	0.9	-	5.9	8.9	12.3	2.7	11.6	3.2	9.1	9.5	3.4	2.7	3.4
Arkansas	0.4	-	-	2.6	15.7	17.0	0.4	9.6	0.9	3.9	3.5	0.9	0.4	0.9
California	10.8	—	-	1.3	6.4	7.0	1.6	6.5	2.6	—	—	2.6	2.3	4.2
Colorado	-	1.1	-	17.0	17.6	21.4	-	17.6	-	19.7	20.8	-	-	-
Connecticut	4.9	—	-	14.0	48.2	49.5	22.5	76.2	34.9	37.5	39.4	31.3	33.9	54.4
Delaware	-	-	-	7.7	-	1.9	-	3.8	13.5	11.5	11.5	11.5	13.5	11.5
District of Columbia	4.1	11.2	0.6	11.2	22.5	23.1	4.7	30.8	37.3	58.6	59.2	39.1	41.4	52.7
Florida	3.0	3.8	-	8.8	14.5	15.6	2.8	10.2	5.3	6.7	7.6	4.2	4.9	5.3
Georgia	0.9	0.3	-	16.8	17.7	19.0	8.8	30.7	5.2	6.9	7.6	1.7	2.7	3.0
Hawaii	0.7	-	-	33.1	34.5	32.4	17.3	38.8	—	—	—	—	—	—
Idaho	-	-	1.1	4.5	4.5	3.4	2.3	8.0	5.7	8.0	9.1	4.5	4.5	15.9
Illinois	3.9	5.8	0.1	6.7	14.7	15.6	4.8	8.8	15.2	2.4	1.6	12.2	16.2	18.9
Indiana	1.3	1.5	0.2	12.5	9.6	13.8	5.9	9.2	7.2	—	15.3	5.7	4.8	7.0
Iowa	2.4	0.9	-	4.7	1.9	4.2	-	2.4	0.9	1.4	1.9	0.5	0.5	1.9
Kansas	2.2	0.4	0.4	-	3.5	4.8	1.3	3.1	10.1	14.1	10.1	8.8	8.8	18.1
Kentucky	0.8	0.5	-	1.1	0.8	3.2	0.5	2.7	23.6	18.0	18.8	18.6	23.6	38.2
Louisiana	23.0	0.7	-	5.4	11.9	14.7	—	13.4	—	—	—	—	—	—
Maine	21.1	21.1	-	31.6	-	22.8	28.1	24.6	17.5	19.3	21.1	15.8	17.5	17.5
Maryland	42.6	—	1.0	34.7	37.0	—	—	34.5	—	—	—	—	—	—
Massachusetts	0.2	-	0.4	1.8	1.6	2.2	—	22.4	—	—	—	—	—	—
Michigan	0.7	—	0.6	2.2	8.8	11.5	16.0	13.2	3.5	8.3	9.7	2.6	3.2	3.6
Minnesota	0.8	14.9	-	5.8	2.7	7.4	3.7	10.3	11.1	11.7	15.4	7.7	13.3	13.5
Mississippi	1.4	-	0.2	2.3	7.8	11.8	-	6.4	3.9	6.4	6.6	1.6	2.5	3.1
Missouri	1.1	-	-	4.8	9.3	8.8	1.4	9.1	1.6	2.9	3.6	1.1	2.0	1.6
Montana	-	-	-	4.0	6.0	4.0	10.0	10.0	2.0	4.0	4.0	0.0	2.0	0.0
Nebraska	-	0.7	-	4.2	2.8	1.4	4.9	2.1	1.4	2.1	2.1	0.7	0.7	0.7
Nevada	3.5	—	-	29.2	28.5	31.9	5.6	10.4	40.3	46.5	47.9	25.7	34.7	41.0
New Hampshire	-	-	-	2.5	2.5	3.8	23.8	11.2	-	1.2	1.2	1.2	0.0	0.0
New Jersey	9.2	3.4	0.3	21.4	18.0	21.0	2.3	20.9	7.1	7.5	8.9	5.6	7.8	8.6
New Mexico	-	2.8	-	6.5	12.1	7.5	-	38.3	4.7	2.8	2.8	0.9	0.9	—
New York State	1.9	—	0.1	34.7	25.5	27.5	11.8	38.6	-	—	16.1	-	15.7	-
New York City	2.8	—	-	25.5	47.0	35.6	16.8	38.4	19.6	22.0	24.2	18.7	22.2	—
North Carolina	2.0	0.8	-	6.1	4.6	6.9	1.3	5.0	1.4	3.9	4.0	1.4	1.6	2.1
North Dakota	4.9	-	-	8.2	3.3	8.2	8.2	3.3	6.6	8.2	11.5	3.3	3.3	3.3
Ohio	0.7	32.0	0.1	11.2	11.9	15.4	2.9	8.2	9.7	11.0	13.2	9.0	10.2	10.4

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Table D. Percent of fetal death records on which specified items were not stated: Each State, 1994

[By place of occurrence. Records include only those with stated or presumed period of gestation of 20 weeks or more]

Area	Length of gestation ¹	Marital status	Place of delivery	Birth-weight	Month prenatal care began	Number of prenatal visits	Hispanic origin of mother	Mother's educational attainment	Medical risk factors ²	Tobacco use	Alcohol use	Obstetric procedures	Complications of labor and/or delivery ³	Congenital anomalies
Oklahoma	53.3	25.7	0.6	32.0	48.5	49.1	—	43.7	—	—	—	—	—	—
Oregon	-	-	-	3.3	1.7	1.7	1.2	7.9	-	1.2	1.2	-	-	-
Pennsylvania	2.1	2.1	0.1	10.4	14.0	15.3	1.3	16.8	2.9	7.1	8.6	2.0	2.8	6.8
Rhode Island	2.5	82.7	-	19.8	98.8	98.8	96.3	97.5	70.4	84.0	84.0	67.9	69.1	81.5
South Carolina	0.4	1.1	-	2.6	2.8	3.0	0.8	8.9	0.8	2.1	2.1	0.6	0.9	1.3
South Dakota	4.3	-	-	2.1	2.1	2.1	-	2.1	-	—	—	-	-	-
Tennessee	0.2	0.2	-	0.7	8.2	12.9	2.2	8.0	2.5	5.7	6.0	2.7	4.2	5.0
Texas	4.1	—	-	11.2	11.9	12.6	0.3	11.4	12.5	10.2	11.5	2.1	5.4	5.5
Utah	-	0.9	-	6.6	5.2	4.7	0.9	7.1	3.3	3.8	3.8	0.5	2.8	17.9
Vermont	-	-	-	14.8	14.8	14.8	-	3.7	3.7	-	3.7	-	-	3.7
Virginia	1.1	0.9	-	28.7	21.9	26.6	7.3	35.9	26.1	28.6	29.6	23.7	29.7	34.7
Washington	3.1	2.2	0.2	17.3	15.1	16.3	15.1	21.1	3.1	6.2	10.8	3.4	3.4	4.3
West Virginia	-	1.3	-	2.5	8.8	8.2	1.3	7.5	-	8.2	9.4	-	-	-
Wisconsin	-	-	-	0.5	0.7	0.2	0.2	0.9	-	0.5	0.5	0.2	0.2	0.2
Wyoming	-	-	-	3.3	3.3	-	-	3.3	3.3	-	3.3	3.3	-	6.7

- Quantity zero.

— Data not available.

¹ California, Louisiana, Maryland, and Oklahoma report date last normal menses began but do not report clinical estimate of gestation.

² Kansas and South Dakota do not report Rh sensitization; New York State does not report previous infant 4,000 grams or more; Texas does not report genital herpes and uterine bleeding.

³ Texas does not report cephalopelvic disproportion, anesthetic complications, and fetal distress.

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Table E. Numbers of deaths and ratios of deaths for selected causes as tabulated by State of occurrence and NCHS, 1994

[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.....	2,446	2,472	0.99
Symptoms, signs, and ill-defined conditions.....780-799	47	59	0.80
Accidents and adverse effects.....E800-E949	308	380	0.81
Motor vehicle accidents.....E810-E825	91	91	1.00
All other accidents and adverse effects....E800-E807,E826-E949	217	289	0.75
Suicide.....E950-E959	146	120	1.22
Homicide and legal intervention.....E960-E978	45	38	1.18
All other external causes.....E980-E999	8	5	1.60

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Table F. Population of Birth- and Death-Registration States, 1900-1932, and United States, 1933-1994

[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 *		Year	United States *		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 *	Population residing in area	Number of States *	Population residing in area
1994	260,650,842	260,340,990							
1993	258,119,768	257,783,004	1846	141,389,000	140,054,000	...	...	...	...
1992	255,457,501	255,077,536	1945	139,928,000	132,481,000	...	...	...	...
1991	252,688,000	252,177,000	1844	138,397,000	132,885,000	...	...	...	...
1990	249,225,000	248,709,873	1943	136,739,000	134,245,000	...	...	...	...
1989	247,342,000	246,819,000	1942	134,860,000	133,820,000	...	...	...	...
1988	245,021,000	244,499,000	1941	133,402,000	133,121,000	...	...	...	...
1987	242,804,000	242,289,000	1940	131,820,000	131,669,275	...	...	...	...
1986	240,651,000	240,133,000	1939	131,028,000	130,879,718	...	...	...	...
1985	238,466,000	237,924,000	1938	129,969,000	129,824,939	...	...	...	...
1984	236,348,000	235,825,000	1937	128,961,000	128,824,829	...	...	...	...
1983	234,307,000	234,792,000	1936	128,181,000	128,053,180	...	...	...	...
1982	232,188,000	231,664,000	1935	127,362,000	127,250,232	...	...	...	...
1981	229,966,000	229,466,000	1934	126,485,000	126,373,773	...	...	...	...
1980	227,061,000	226,545,805	1933	125,690,000	125,578,763	...	...	...	...
1979	225,055,000	224,567,000	1932	124,948,000	124,840,471	47	118,903,899	47	118,903,899
1978	222,585,000	222,095,000	1931	124,149,000	124,039,648	46	117,455,229	47	118,148,987
1977	220,239,000	219,760,000	1930	123,188,000	123,076,741	46	116,544,946	47	117,238,278
1976	218,035,000	217,563,000	1929	---	121,769,939	46	115,317,450	46	115,317,450
1975	215,973,000	215,465,000	1928	---	120,501,115	44	113,636,160	44	113,636,160
1974	213,854,000	213,342,000	1927	---	119,038,062	40	104,320,830	42	107,084,532
1973	211,909,000	211,357,000	1926	---	117,399,225	35	90,400,590	41	103,822,683
1972	209,896,000	209,284,000	1925	---	115,831,963	33	88,294,564	40	102,031,555
1971	207,661,000	206,827,000	1924	---	114,113,463	33	87,000,295	39	99,318,098
1970	204,270,000	203,211,926	1923	---	111,949,945	30	81,072,123	38	86,788,197
1969	202,677,000	201,385,000	1922	---	110,054,778	30	79,560,746	37	92,702,901
1968	200,706,000	199,399,000	1921	---	108,541,489	27	70,807,090	34	87,814,447
1967	198,712,000	197,457,000	1920	---	106,466,420	23	63,597,307	34	86,079,263
1966	196,560,000	195,576,000	1919	105,063,000	104,512,110	22	61,212,076	33	83,157,982
1965	194,303,000	193,526,000	1918	104,550,000	103,202,801	20	55,153,782	30	79,008,412
1964	191,889,000	191,141,000	1917	103,414,000	103,265,913	20	55,197,952	27	70,234,775
1963	189,242,000	188,483,000	1916	---	101,865,984	11	32,944,013	26	66,971,177
1962	186,538,000	185,771,000	1915	---	100,549,013	10	31,096,697	24	61,894,847
1961	183,691,000	182,992,000	1914	---	99,117,567	...	...	24	60,963,303
1960	179,933,000	179,323,175	1913	---	97,226,814	...	...	23	59,156,740
1959	177,264,000	176,513,000	1912	---	95,331,300	...	...	22	54,847,700
1958	174,141,000	173,320,000	1911	---	93,867,814	...	...	22	53,929,644
1957	171,274,000	170,371,000	1910	---	92,406,536	...	...	20	47,470,437
1956	168,221,000	167,306,000	1909	---	90,491,525	...	...	18	44,223,513
1955	165,275,000	164,308,000	1908	---	88,708,976	...	...	17	38,634,793
1954	162,391,000	161,164,000	1907	---	87,000,271	...	...	15	34,552,837
1953	159,565,000	158,242,000	1906	---	85,436,556	...	...	15	33,782,283
1952	156,954,000	155,687,000	1905	---	83,819,666	...	...	10	21,767,980
1951	154,287,000	153,310,000	1904	---	82,164,874	...	...	10	21,332,075
1950	151,132,000	150,637,361	1903	---	80,632,152	...	...	10	20,943,222
1949	149,188,000	148,665,000	1902	---	79,160,196	...	...	10	20,582,907
1948	146,631,000	146,093,000	1901	---	77,585,128	...	...	10	20,237,453
1947	144,126,000	143,446,000	1900	---	76,094,134	...	...	10	19,965,445

* Alaska included beginning 1959 and Hawaii, 1960.

* 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 G. Source for resident population and population including Armed Forces abroad:
Birth- and death-registration States, 1900-32, and United States, 1933-94

Year	Source
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,
1930	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 H. Estimated Population of the United States, by 5-Year Age Groups, Race, and Sex: July 1, 1994

[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	260,340,990	127,076,429	133,264,561	216,469,961	106,138,931	110,331,030	43,871,029	20,937,498	22,933,531	32,672,217	15,491,454	17,180,733
Under 1 year	3,870,185	1,980,754	1,889,431	3,041,063	1,559,695	1,481,368	829,122	421,059	408,063	618,864	313,961	304,903
1-4 years	15,856,964	8,113,681	7,743,283	12,550,842	6,434,998	6,115,844	3,306,122	1,678,683	1,627,439	2,499,743	1,267,070	1,232,673
5-9 years	18,858,601	9,657,111	9,201,490	14,996,992	7,695,193	7,301,799	3,861,609	1,961,918	1,899,691	2,838,728	1,450,611	1,448,117
10-14 years	18,752,722	8,602,417	8,150,305	14,921,052	7,660,715	7,260,337	3,831,670	1,941,702	1,889,968	2,863,539	1,451,583	1,411,946
15-19 years	17,616,398	8,036,127	8,580,271	14,035,447	7,221,620	6,813,827	3,580,951	1,814,507	1,766,444	2,733,243	1,384,651	1,348,592
20-24 years	18,326,487	9,311,333	9,015,154	14,722,038	7,526,853	7,195,185	3,604,449	1,784,480	1,819,969	2,667,909	1,312,684	1,355,225
25-29 years	19,176,882	9,618,804	9,558,078	15,593,101	7,894,278	7,698,823	3,583,781	1,724,526	1,859,255	2,618,942	1,250,103	1,368,839
30-34 years	22,177,231	11,057,856	11,119,275	18,292,421	9,218,027	9,074,394	3,884,810	1,839,929	2,044,881	2,836,592	1,329,836	1,506,756
35-39 years	21,960,620	10,920,180	11,040,440	18,237,462	9,165,149	9,072,313	3,723,158	1,755,031	1,968,127	2,733,291	1,279,845	1,453,446
40-44 years	19,698,738	9,728,390	9,970,348	16,516,349	8,250,188	8,266,161	3,182,389	1,478,202	1,704,187	2,308,036	1,069,224	1,238,812
45-49 years	16,679,272	8,180,810	8,498,462	14,248,637	7,063,917	7,184,720	2,430,635	1,116,893	1,313,742	1,739,645	793,262	946,383
50-54 years	13,191,287	6,410,309	6,780,978	11,354,553	5,572,327	5,782,226	1,836,734	837,982	998,752	1,339,715	602,088	737,627
55-59 years	10,935,600	5,243,920	5,691,680	9,436,286	4,573,463	4,862,823	1,499,314	670,457	828,857	1,110,390	487,162	623,228
60-64 years	10,081,994	4,739,572	5,342,422	8,772,602	4,172,030	4,600,572	1,309,392	567,542	741,850	984,064	423,940	560,424
65-69 years	9,970,437	4,499,772	5,470,665	8,791,670	3,998,114	4,793,556	1,178,767	501,658	677,109	905,759	386,145	519,614
70-74 years	8,741,229	3,789,886	4,951,343	7,839,769	3,420,459	4,419,310	901,460	369,427	532,033	693,810	278,611	415,199
75-79 years	6,574,030	2,655,470	3,918,560	5,948,708	2,414,395	3,534,313	625,322	241,075	384,247	499,085	187,827	311,258
80-84 years	4,350,701	1,550,082	2,800,619	3,961,954	1,412,147	2,549,807	388,747	137,935	250,812	316,282	106,765	209,517
85 years and over	3,521,612	879,855	2,541,757	3,209,015	885,363	2,323,652	312,597	84,492	218,105	264,580	76,376	188,204

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

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Table I. Estimated Population, by Age, for the United States, Each Division and State, Puerto Rico, Virgin Islands, and Guam: July 1, 1994

(Figures include Armed Forces stationed in each area, and exclude Armed Forces stationed outside the United States)

Division and State	Total	Under 5 years	5-19 years	20-44 years	45-64 years	65 years and over
United States	260,340,990	19,727,149	55,227,721	101,339,958	50,888,153	33,158,009
Geographic divisions:						
New England	13,270,369	920,863	2,582,666	5,301,138	2,617,594	1,848,108
New England	38,125,343	2,760,074	7,523,808	14,644,656	7,806,890	5,389,815
Middle Atlantic	43,183,850	3,157,071	8,300,374	16,627,550	8,529,300	5,569,555
East North Central	18,210,216	1,287,111	4,070,216	6,806,616	3,508,486	2,537,787
West North Central	46,398,204	3,344,692	9,291,465	18,129,816	9,300,566	6,331,665
South Atlantic	15,889,937	1,135,448	3,430,520	6,055,830	3,236,546	2,031,593
East South Central	28,404,010	2,306,187	6,592,767	10,967,745	5,370,518	3,166,793
West South Central	15,214,246	1,228,990	3,576,587	5,790,142	2,892,512	1,726,015
Mountain	41,644,815	3,586,713	8,859,218	17,016,465	7,625,741	4,556,678
Pacific						
New England:						
Maine	1,240,209	77,670	260,458	476,002	253,379	172,700
New Hampshire	1,136,820	80,055	237,985	466,407	216,620	135,753
Vermont	580,209	37,983	122,410	232,159	117,172	70,485
Massachusetts	6,041,123	422,674	1,138,566	2,458,457	1,172,152	849,274
Rhode Island	996,757	71,021	191,789	392,377	186,514	155,056
Connecticut	3,275,251	231,460	631,458	1,275,736	671,757	464,840
Middle Atlantic:						
New York	18,169,051	1,382,421	3,583,621	7,109,815	3,699,728	2,393,466
New Jersey	7,903,925	578,702	1,543,106	3,062,042	1,642,282	1,077,793
Pennsylvania	12,052,367	798,951	2,397,181	4,472,799	2,464,880	1,918,556
East North Central:						
Ohio	11,102,198	783,760	2,371,761	4,223,553	2,232,438	1,490,686
Indiana	5,752,073	407,236	1,230,216	2,223,459	1,156,632	734,530
Illinois	11,751,774	915,046	2,480,116	4,580,308	2,295,125	1,481,179
Michigan	9,496,147	701,129	2,082,797	3,669,134	1,863,382	1,179,705
Wisconsin	5,081,658	349,900	1,135,484	1,931,096	881,723	683,455
West North Central:						
Minnesota	4,567,267	326,599	1,033,112	1,775,649	859,551	572,356
Iowa	2,829,252	187,597	620,223	1,021,767	562,697	436,968
Missouri	5,277,640	375,974	1,143,800	1,964,941	1,047,723	745,202
North Dakota	637,888	42,760	147,690	235,668	117,984	93,886
South Dakota	721,164	54,111	175,733	254,120	131,236	105,964
Nebraska	1,622,858	115,637	372,482	596,355	308,803	229,581
Kansas	2,554,047	184,433	577,176	958,116	480,492	353,630
South Atlantic:						
Delaware	706,351	50,985	141,214	285,360	139,360	89,432
Maryland	5,006,265	378,990	1,001,961	2,059,358	1,006,486	559,470
District of Columbia	570,175	42,655	86,751	252,321	111,471	76,977
Virginia	6,551,522	469,069	1,307,695	2,728,578	1,320,985	725,185
West Virginia	1,822,021	108,249	376,289	655,694	401,679	280,110
North Carolina	7,069,836	509,893	1,435,026	2,806,272	1,433,574	884,971
South Carolina	3,663,984	273,814	784,309	1,439,646	730,866	435,249
Georgia	7,055,236	548,576	1,539,830	2,900,099	1,357,294	709,537
Florida	13,852,714	962,261	2,618,390	5,002,488	2,788,851	2,570,724
East South Central:						
Kentucky	3,826,794	260,858	821,779	1,468,252	787,348	488,557
Tennessee	5,175,240	365,657	1,071,737	1,998,044	1,061,449	658,353
Alabama	4,218,792	301,848	901,945	1,600,493	862,137	652,369
Mississippi	2,669,111	207,085	635,059	989,041	605,612	332,314
West South Central:						
Arkansas	2,452,671	172,042	540,517	874,728	503,112	362,272
Louisiana	4,315,085	337,446	1,031,349	1,629,309	823,364	493,617
Oklahoma	3,258,069	237,352	736,844	1,181,866	659,236	442,671
Texas	18,378,185	1,558,347	4,284,057	7,281,742	3,384,806	1,868,233
Mountain:						
Montana	856,047	68,834	203,853	301,486	178,036	113,838
Idaho	1,133,034	87,443	289,596	407,322	216,694	131,979
Wyoming	475,981	33,055	118,616	175,366	95,309	62,635
Colorado	3,655,647	270,190	796,765	1,482,176	739,063	367,453
New Mexico	1,653,521	139,517	406,675	612,010	314,243	181,076
Arizona	4,075,052	344,032	903,067	1,629,454	752,659	645,840
Utah	1,907,936	181,365	562,217	704,684	291,338	168,332
Nevada	1,457,028	114,554	284,788	577,644	305,170	164,862
Pacific:						
Washington	5,343,090	393,961	1,153,742	2,126,472	1,050,714	618,201
Oregon	3,086,188	208,735	655,468	1,164,989	635,049	421,837
California	31,430,697	2,833,355	6,653,996	12,998,690	5,598,225	3,346,431
Alaska	606,276	65,608	154,229	258,007	110,358	28,074
Hawaii	1,178,564	85,054	241,783	468,297	231,395	142,035
Puerto Rico	3,687,158	---	---	---	---	---
Virgin Islands	---	---	---	---	---	---
Guam	---	---	---	---	---	---

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

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
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Table J. 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, 1994

[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	257,022,091	25,957,544	16,709,711	2,666,754	1,101,295	5,479,784	231,064,547	189,980,887	30,987,597
Under 1 year . .	3,826,553	637,225	460,489	52,377	11,626	112,733	3,189,328	2,422,087	577,905
1-4 years	15,649,659	2,439,593	1,730,777	230,102	41,595	437,119	13,210,066	10,152,827	2,345,795
5-9 years	18,612,036	2,512,924	1,770,249	263,081	58,919	420,675	16,099,112	12,518,618	2,771,956
10-14 years . . .	18,458,328	2,341,989	1,589,479	269,921	60,895	421,694	16,116,339	12,544,977	2,716,560
15-19 years . . .	17,378,508	2,190,079	1,453,191	251,386	47,934	437,568	15,188,429	11,834,584	2,596,785
20-24 years . . .	18,125,684	2,329,325	1,576,773	179,682	63,165	509,705	15,796,359	12,444,014	2,513,919
25-29 years . . .	18,937,634	2,473,517	1,625,899	218,263	69,342	560,013	16,464,117	13,136,810	2,466,911
30-34 years . . .	21,927,234	2,446,535	1,558,787	240,023	81,837	565,888	19,480,699	15,845,047	2,685,626
35-39 years . . .	21,702,610	2,051,868	1,251,355	212,596	89,336	498,581	19,650,742	16,157,327	2,595,652
40-44 years . . .	19,449,122	1,624,486	995,465	174,049	75,958	379,014	17,824,636	14,840,160	2,182,925
45-49 years . . .	16,470,278	1,223,038	694,659	156,311	77,009	295,059	15,247,240	12,952,412	1,661,157
50-54 years . . .	13,009,080	909,369	514,562	115,981	67,117	211,709	12,099,711	10,368,235	1,277,790
55-59 years . . .	10,774,948	735,774	411,394	90,474	71,122	162,784	10,039,174	8,618,169	1,061,992
60-64 years . . .	9,954,135	615,071	331,847	72,438	71,724	139,062	9,339,064	8,090,286	946,428
65-69 years . . .	9,844,512	520,245	297,559	42,365	67,188	113,133	9,324,267	8,197,128	874,057
70-74 years . . .	8,625,821	382,199	190,648	44,444	55,336	91,771	8,243,622	7,383,408	666,024
75-79 years . . .	6,488,094	242,418	109,633	21,286	46,292	65,207	6,245,676	5,647,421	480,264
80-84 years . . .	4,291,895	160,094	87,045	17,929	19,753	35,367	4,131,801	3,757,112	307,305
85 years +	3,495,960	121,795	59,900	14,046	25,147	22,702	3,374,165	3,070,265	258,546
Male									
All ages	125,465,333	13,150,296	8,642,375	1,250,872	529,548	2,727,501	112,315,037	92,774,299	14,653,073
Under 1 year . .	1,958,722	327,484	250,049	21,662	6,648	49,125	1,631,238	1,241,361	293,196
1-4 years	8,010,152	1,245,663	870,605	112,648	23,255	239,155	6,764,489	5,212,612	1,190,782

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
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Table J. 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, 1994

[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
5-9 years	9,537,937	1,286,710	880,397	146,201	27,381	232,731	8,251,227	6,434,844	1,404,375
10-14 years	9,453,210	1,194,629	806,861	143,720	26,780	217,268	8,258,581	6,450,658	1,375,747
15-19 years	8,912,271	1,123,218	747,124	130,009	26,918	219,167	7,789,053	6,087,546	1,316,983
20-24 years	9,213,696	1,240,355	849,045	81,830	30,809	278,671	7,973,341	6,316,413	1,235,851
25-29 years	9,503,238	1,328,114	908,570	95,541	32,327	291,676	8,175,124	6,588,179	1,171,633
30-34 years	10,931,280	1,281,142	839,600	103,950	40,655	296,937	9,650,138	7,937,673	1,251,103
35-39 years	10,796,885	1,053,394	663,103	94,296	51,415	244,580	9,743,491	8,109,236	1,208,177
40-44 years	9,602,045	812,197	531,662	72,552	32,749	175,234	8,789,848	7,411,586	1,008,039
45-49 years	8,089,769	601,040	363,112	69,718	39,036	129,174	7,488,729	6,436,452	753,284
50-54 years	6,310,983	435,944	251,966	58,450	37,475	88,053	5,875,039	5,089,060	571,562
55-59 years	5,165,263	345,669	193,160	35,086	35,081	82,342	4,819,594	4,183,550	465,950
60-64 years	4,679,923	284,601	165,178	28,288	28,403	62,732	4,395,322	3,855,182	407,157
65-69 years	4,434,137	230,215	133,775	21,734	29,495	45,211	4,203,922	3,724,693	371,594
70-74 years	3,740,147	166,859	89,149	18,674	27,679	31,357	3,573,288	3,218,024	269,995
75-79 years	2,621,013	96,046	45,138	6,238	20,462	24,208	2,524,967	2,295,265	178,656
80-84 years	1,529,641	56,609	33,976	5,057	5,694	11,882	1,473,032	1,339,488	103,854
85 years +	975,021	40,407	19,905	5,218	7,286	7,998	934,614	842,477	75,135
Female									
All ages	131,556,758	12,807,248	8,067,336	1,415,882	571,747	2,752,283	118,749,510	97,206,588	16,334,524
Under 1 year	1,867,831	309,741	210,440	30,715	4,978	63,608	1,558,090	1,180,726	284,709
1-4 years	7,639,507	1,193,930	860,172	117,454	18,340	197,964	6,445,577	4,940,215	1,155,013
5-9 years	9,074,099	1,226,214	889,852	116,880	31,538	187,944	7,847,885	6,083,774	1,367,581
10-14 years	9,005,118	1,147,360	782,618	126,201	34,115	204,426	7,857,758	6,094,319	1,340,813
15-19 years	8,466,237	1,066,861	706,067	121,377	21,016	218,401	7,399,376	5,747,038	1,279,802
20-24 years	8,911,988	1,088,970	727,728	97,852	32,356	231,034	7,823,018	6,127,601	1,278,068
25-29 years	9,434,396	1,145,403	717,329	122,722	37,015	268,337	8,288,993	6,548,631	1,295,278

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Table J. 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, 1994

[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
30-34 years ...	10,995,954	1,165,393	719,187	136,073	41,182	268,951	9,830,561	7,907,374	1,434,523
35-39 years ...	10,905,725	998,474	588,252	118,300	37,921	254,001	9,907,251	8,048,091	1,387,475
40-44 years ...	9,847,077	812,289	463,803	101,497	43,209	203,780	9,034,788	7,428,574	1,174,886
45-49 years ...	8,380,509	621,998	331,547	86,593	37,973	165,885	7,758,511	6,515,960	907,873
50-54 years ...	6,698,097	473,425	262,596	57,531	29,642	123,656	6,224,672	5,279,175	706,228
55-59 years ...	5,609,685	390,105	218,234	55,388	36,041	80,442	5,219,580	4,434,619	596,042
60-64 years ...	5,274,212	330,470	166,669	44,150	43,321	76,330	4,943,742	4,235,104	539,271
65-69 years ...	5,410,375	290,030	163,784	20,631	37,693	67,922	5,120,345	4,472,435	502,463
70-74 years ...	4,885,674	215,340	101,499	25,770	27,657	60,414	4,670,334	4,165,384	396,029
75-79 years ...	3,867,081	146,372	64,495	15,048	25,830	40,999	3,720,709	3,352,156	301,608
80-84 years ...	2,762,254	103,485	53,069	12,872	14,059	23,485	2,658,769	2,417,624	203,451
85 years + ...	2,520,939	81,388	39,995	8,828	17,861	14,704	2,439,551	2,227,788	183,411

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, 1994
TECHNICAL APPENDIX

Table K. Estimated Population for Ages 15 Years and Over, by 5-Year Age Groups, Marital Status, Race, and Sex:
United States, 1994

(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	23,717,985	4,350,262	2,767,381	5,969,411	3,772,993	2,417,463	1,587,356	995,114	632,635
Married	50,819,122	19,096	73,938	1,473,452	3,759,322	6,028,795	6,546,668	6,167,831	5,477,822
Widowed	1,985,198	770	1,438	1,461	7,754	6,878	25,386	26,922	45,702
Divorced	6,266,022	5,564	3,166	82,531	354,207	764,890	1,005,735	1,060,323	907,742
White, female									
Never married	18,053,554	4,051,454	2,432,466	4,530,340	2,362,162	1,453,515	895,796	592,070	386,264
Married	51,361,741	54,027	250,718	2,453,904	4,740,333	6,612,498	6,837,056	6,359,127	5,439,451
Widowed	10,326,316	-	800	9,526	24,228	58,108	95,996	103,609	222,178
Divorced	8,430,081	7,048	17,316	201,419	572,104	950,265	1,243,468	1,211,360	1,136,827
Black, male									
Never married	5,168,827	845,522	529,081	1,166,265	820,870	659,942	470,878	262,348	160,603
Married	4,622,817	2,851	4,392	134,688	386,288	575,367	665,503	642,607	493,484
Widowed	314,577	-	-	2,097	-	-	7,110	8,573	11,875
Divorced	861,998	2,807	-	9,634	42,946	94,527	136,352	155,700	127,301
Black, female									
Never married	5,032,523	815,495	515,406	1,109,548	819,810	630,367	449,095	268,948	159,430
Married	4,838,822	4,457	11,532	221,934	480,286	673,653	718,645	666,507	538,057
Widowed	1,418,268	-	1,335	2,749	-	13,846	24,920	38,164	47,821
Divorced	1,493,510	-	368	20,993	68,742	188,892	260,791	265,195	201,077
American Indian, male									
Never married	286,566	60,738	34,309	74,383	41,436	30,311	18,649	10,726	6,391
Married	366,642	1,074	1,648	21,526	43,577	48,515	53,101	49,705	39,985
Widowed	12,908	-	-	-	-	476	-	-	-
Divorced	90,555	-	-	447	6,670	13,999	13,563	12,947	11,739
American Indian, female									
Never married	234,316	59,156	32,277	48,230	40,989	24,616	11,674	5,965	4,760
Married	379,786	580	2,590	34,464	39,660	52,993	61,127	53,719	34,168
Widowed	74,711	-	728	-	-	2,149	300	3,732	3,916
Divorced	99,712	-	-	7,909	5,884	14,045	15,310	14,435	18,762
Asian or Pacific Islander, male									
Never married	1,183,397	202,043	128,837	339,209	251,935	129,650	67,295	25,248	12,818
Married	1,916,604	759	445	36,239	125,833	279,595	306,480	295,591	241,987
Widowed	30,780	-	-	-	-	-	-	-	1,170
Divorced	78,492	-	-	-	4,964	7,552	16,103	14,760	9,546
Asian or Pacific Islander, female									
Never married	943,086	194,005	120,416	286,742	148,711	64,399	47,686	27,188	13,878
Married	2,157,757	968	5,966	84,645	250,667	358,862	338,000	326,621	243,276
Widowed	259,568	961	-	496	-	1,509	8,222	4,486	17,217
Divorced	176,329	-	199	2,254	4,504	19,558	32,367	29,246	31,380

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
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Table K. Estimated Population for Ages 15 Years and Over, by 5-Year Age Groups, Marital Status, Race, and Sex:
United States, 1994 — Con.

[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	55-59	60-64	65-69	70-74	75-79	80-84	85 years
	years	years	years	years	years	years	years	and over
White, male								
Never married	285,979	244,573	164,278	201,004	139,366	90,735	51,310	48,125
Married	4,627,808	3,723,592	3,480,440	3,250,493	2,766,177	1,887,829	1,021,051	514,808
Widowed	64,519	91,693	146,566	276,894	342,165	345,012	298,943	303,095
Divorced	594,031	513,602	380,752	269,729	172,756	90,815	40,843	19,336
White, female								
Never married	260,042	180,538	167,205	147,682	181,064	139,117	106,940	166,899
Married	4,332,516	3,553,752	3,204,032	2,919,262	2,278,829	1,332,015	656,212	338,009
Widowed	287,589	447,085	711,524	1,348,047	1,665,495	1,904,190	1,688,835	1,759,106
Divorced	902,083	681,452	517,806	378,564	293,922	158,988	97,828	59,631
Black, male								
Never married	79,548	60,075	51,145	16,109	21,054	13,127	3,451	8,809
Married	399,263	359,021	264,706	287,218	189,630	120,256	66,959	30,584
Widowed	17,761	11,445	53,726	45,952	41,649	44,378	33,033	36,978
Divorced	105,508	56,618	54,067	36,870	26,280	10,069	3,319	-
Black, female								
Never married	73,922	57,803	43,653	31,984	28,806	8,383	8,752	11,121
Married	417,270	347,047	270,203	219,570	133,130	78,705	42,134	15,692
Widowed	86,693	121,562	161,159	201,859	203,388	212,512	146,032	156,228
Divorced	159,738	96,813	85,404	66,199	49,877	11,658	12,602	5,161
American Indian, male								
Never married	3,155	4,045	467	-	1,173	-	-	783
Married	33,418	23,415	14,043	16,671	12,844	5,728	426	966
Widowed	-	808	1,206	946	493	3,418	2,817	2,744
Divorced	6,866	5,346	10,782	3,355	1,320	749	2,772	-
American Indian, female								
Never married	1,899	2,114	333	478	-	1,825	-	-
Married	29,539	24,061	15,732	11,625	8,734	6,382	4,412	-
Widowed	8,368	3,301	11,859	11,893	10,311	5,695	5,148	7,311
Divorced	7,379	7,714	2,461	1,577	1,440	575	218	2,003
Asian or Pacific Islander, male								
Never married	6,287	1,088	2,967	6,951	3,206	1,674	-	4,189
Married	174,463	135,249	110,673	84,605	60,864	34,097	21,159	8,565
Widowed	632	4,354	1,058	2,992	8,124	7,585	3,996	869
Divorced	11,074	8,991	2,706	-	2,796	-	-	-
Asian or Pacific Islander, female								
Never married	12,465	2,816	1,227	9,490	4,738	3,147	5,098	1,080
Married	164,253	139,715	99,130	78,018	37,839	18,849	7,050	3,898
Widowed	19,688	13,961	33,409	40,158	48,236	36,241	19,374	15,610
Divorced	17,531	11,951	17,271	4,254	5,534	280	-	-

SOURCE: Population estimates based on unpublished tabulations prepared by the Housing and Household Economic Statistics Division, U.S. Bureau of the Census; see text.

VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 1994
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Table L. 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, 1994

[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	2,265,009	431,881	289,458	622,418	431,488	204,559	130,495	66,581	37,463
Married	3,124,230	9,604	14,182	223,916	439,383	579,241	456,784	420,346	279,113
Widowed	99,318	-	-	-	193	1,146	2,528	2,404	4,623
Divorced	345,902	2,000	-	2,718	37,506	54,645	73,296	42,326	41,914
Mexican, female									
Never married	1,540,797	410,501	215,300	371,069	210,398	140,681	71,441	36,678	20,061
Married	3,101,182	17,408	61,705	341,667	473,500	526,328	433,777	357,219	258,838
Widowed	313,158	-	524	1,433	670	3,714	9,783	13,987	14,383
Divorced	369,106	-	625	13,556	32,765	48,464	73,254	55,915	38,267
Puerto Rican, male									
Never married	344,487	77,626	48,937	64,380	45,831	43,343	20,239	13,644	16,456
Married	396,797	-	2,199	16,788	45,233	54,355	63,725	49,104	46,629
Widowed	22,291	-	-	-	897	-	-	-	-
Divorced	63,059	1,249	-	663	3,582	6,251	10,331	9,802	6,633
Puerto Rican, female									
Never married	341,754	75,688	35,051	64,902	47,961	41,760	24,456	17,249	12,743
Married	498,270	3,574	7,065	29,991	69,514	75,081	72,221	65,947	59,985
Widowed	77,317	-	-	562	408	3,331	1,018	2,640	3,983
Divorced	107,280	-	-	2,399	4,840	15,899	20,602	15,662	9,881
Cuban, male									
Never married	124,140	14,672	11,362	24,653	17,211	12,561	15,474	5,441	7,676
Married	275,144	-	883	6,156	12,330	26,210	32,816	23,499	26,265
Widowed	13,101	-	-	-	-	-	-	-	-
Divorced	33,102	-	-	-	2,786	1,886	3,126	3,806	5,095
Cuban, female									
Never married	78,066	14,401	6,402	20,772	10,273	5,129	3,297	366	3,044
Married	270,034	-	213	9,787	22,719	28,129	28,029	32,230	27,071
Widowed	61,783	-	-	-	-	846	-	1,398	2,504
Divorced	72,895	-	-	1,798	4,023	7,079	6,594	9,214	5,355
Other Hispanic, male									
Never married	835,780	134,549	80,826	233,524	165,065	100,154	60,129	20,048	17,386
Married	1,025,419	360	1,904	43,551	117,826	175,981	169,785	132,605	103,719
Widowed	27,622	-	-	-	-	-	360	-	1,696
Divorced	100,404	-	1,527	1,593	8,781	20,804	14,306	22,586	6,373
Other Hispanic, female									
Never married	614,816	113,682	89,808	149,679	91,762	51,288	30,765	27,247	17,804
Married	1,147,602	2,486	11,964	74,625	162,775	198,021	185,548	146,163	113,284
Widowed	149,884	-	-	572	552	1,931	7,123	2,945	8,054
Divorced	186,042	317	144	6,158	13,254	17,707	30,564	27,424	26,745

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Table L. 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, 1994 – Con.

[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	20,230,558	3,690,101	2,329,720	5,061,451	3,142,157	2,063,960	1,380,493	888,035	559,993
Married	45,709,925	8,965	52,606	1,176,028	3,142,367	5,193,272	5,804,008	5,515,487	4,994,121
Widowed	1,807,579	786	1,460	1,495	6,812	5,183	20,382	24,747	39,230
Divorced	5,686,736	2,247	1,667	77,433	296,843	675,261	904,353	983,321	843,088
White Non-Hispanic, female									
Never married	15,573,971	3,432,840	2,090,026	3,964,787	2,021,326	1,227,769	778,881	510,771	336,098
Married	46,070,210	29,317	170,608	1,980,180	3,998,041	5,776,790	6,096,721	5,743,533	4,931,961
Widowed	9,636,051	-	818	6,542	22,975	49,455	76,503	81,411	190,993
Divorced	7,627,307	6,834	16,606	176,092	506,287	853,356	1,095,980	1,092,861	1,056,903
Black Non-Hispanic, male									
Never married	4,883,203	803,650	503,591	1,101,595	771,288	622,143	442,368	246,565	149,530
Married	4,383,425	2,772	4,243	122,793	360,308	539,753	629,570	606,364	470,355
Widowed	305,610	-	-	2,048	-	-	6,940	8,318	11,549
Divorced	816,737	2,727	-	9,409	40,035	89,206	129,294	146,796	121,859
Black Non-Hispanic, female									
Never married	4,771,374	772,575	492,501	1,042,293	777,196	602,576	427,164	250,444	155,625
Married	4,612,320	4,292	8,763	212,641	451,625	638,505	684,669	630,954	513,802
Widowed	1,370,164	-	1,310	2,679	-	11,777	24,275	36,453	46,784
Divorced	1,432,554	-	361	20,456	66,457	181,662	251,366	257,040	191,660
Other Non-Hispanic, male									
Never married	1,322,941	234,415	146,363	373,176	251,406	154,306	78,732	33,028	17,457
Married	2,066,767	1,509	2,234	47,383	152,535	285,355	321,496	313,336	261,897
Widowed	40,868	-	-	-	-	523	-	-	386
Divorced	155,117	-	-	517	11,368	21,177	25,847	23,861	19,252
Other Non-Hispanic, female									
Never married	1,070,678	224,918	138,372	300,572	177,823	83,872	53,707	35,563	13,150
Married	2,319,074	1,253	7,152	111,642	260,522	365,513	368,513	346,871	260,505
Widowed	307,405	843	-	445	-	3,494	7,942	7,623	18,353
Divorced	249,088	-	-	4,694	6,741	35,780	41,523	41,278	42,667

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Table L. 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, 1994 – Con.

[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	75-79 years	80-84 years	85 years and over
Mexican, male								
Never married	13,320	13,617	5,858	4,440	3,352	1,949	952	7,178
Married	201,178	151,860	132,492	96,874	65,397	27,060	20,136	6,664
Widowed	10,533	5,679	12,001	15,036	17,365	10,892	10,853	6,065
Divorced	26,936	22,006	14,826	17,427	3,032	5,237	2,033	-
Mexican, female								
Never married	15,434	15,528	6,893	7,981	7,022	4,386	2,286	5,138
Married	195,804	156,337	96,353	98,305	50,673	14,301	15,291	3,676
Widowed	13,356	28,534	41,910	44,065	35,342	41,148	34,496	29,813
Divorced	37,998	17,837	21,515	13,430	8,458	4,659	996	1,367
Puerto Rican, male								
Never married	6,342	1,951	771	1,326	3,641	-	-	-
Married	39,924	25,698	24,917	12,141	7,140	4,032	3,631	1,281
Widowed	1,946	-	626	4,741	7,619	1,099	1,426	3,937
Divorced	10,237	7,436	1,974	3,525	271	1,105	-	-
Puerto Rican, female								
Never married	4,972	4,252	3,693	3,271	1,756	1,980	421	1,599
Married	38,039	28,582	22,951	7,226	8,239	6,435	2,283	1,137
Widowed	3,364	12,535	7,918	8,292	11,122	5,881	10,169	6,094
Divorced	11,152	10,013	9,590	1,841	4,651	750	-	-
Cuban, male								
Never married	4,060	6,774	2,184	371	362	1,339	-	-
Married	28,486	27,279	23,759	23,564	20,188	13,436	5,089	5,184
Widowed	-	-	-	1,483	4,191	5,243	605	1,579
Divorced	4,929	1,028	2,462	4,077	2,937	446	-	524
Cuban, female								
Never married	1,203	1,498	1,336	1,881	2,332	970	3,492	1,670
Married	19,598	28,102	30,330	19,917	9,301	8,697	2,565	3,346
Widowed	536	-	6,059	5,480	13,249	13,964	8,003	9,744
Divorced	8,306	6,439	5,598	10,415	2,777	2,198	-	3,099
Other Hispanic, male								
Never married	5,184	9,552	3,971	3,423	741	305	923	-
Married	74,440	59,602	51,232	36,650	25,713	15,901	10,729	5,421
Widowed	-	8,544	3,162	2,425	2,818	6,039	-	2,578
Divorced	8,427	4,645	4,371	2,715	2,085	1,962	229	-
Other Hispanic, female								
Never married	11,632	3,531	8,609	4,044	6,881	6,159	1,289	636
Married	80,015	45,167	44,633	37,824	23,957	12,039	7,636	1,465
Widowed	11,070	14,581	15,430	16,977	24,967	18,966	14,115	12,601
Divorced	20,937	17,163	7,659	9,078	4,611	3,836	445	-

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Table L. 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, 1994 -- Con.

[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	75-79 years	80-84 years	85 years and over
White Non-Hispanic, male								
Never married	255,767	212,022	154,229	187,205	129,466	87,460	49,045	39,454
Married	4,241,554	3,423,774	3,220,550	3,044,615	2,622,093	1,803,306	970,178	497,001
Widowed	51,943	76,460	127,454	250,781	306,791	321,982	285,041	287,032
Divorced	539,792	471,298	352,940	242,091	159,670	82,518	35,221	18,993
White Non-Hispanic, female								
Never married	227,842	158,698	146,102	130,841	164,228	127,292	99,156	157,314
Married	3,969,981	3,263,924	2,985,549	2,735,492	2,161,417	1,276,415	622,241	328,040
Widowed	260,435	390,686	635,907	1,263,628	1,567,036	1,800,285	1,601,700	1,687,677
Divorced	820,907	621,312	467,543	342,474	272,706	148,170	94,521	54,755
Black Non-Hispanic, male								
Never married	76,952	56,166	48,269	15,369	20,811	12,824	3,415	8,667
Married	377,018	345,829	254,457	276,175	184,775	113,618	65,306	30,089
Widowed	17,396	11,258	52,143	45,006	39,500	42,381	32,693	36,378
Divorced	100,191	52,698	52,292	35,041	24,912	9,836	2,441	-
Black Non-Hispanic, female								
Never married	69,438	54,458	41,407	30,968	26,916	7,933	8,706	11,174
Married	401,769	331,840	260,882	213,066	126,591	77,869	40,040	15,012
Widowed	83,642	115,235	153,988	196,204	196,914	205,164	143,698	152,041
Divorced	151,377	94,510	82,991	62,229	45,615	10,641	11,004	5,185
Other Non-Hispanic, male								
Never married	8,370	4,679	3,107	5,764	6,192	1,643	-	4,303
Married	189,014	147,628	113,745	93,752	66,777	39,112	23,064	7,930
Widowed	566	4,797	2,081	4,983	7,547	9,777	5,440	4,768
Divorced	16,465	12,990	14,051	3,136	4,755	512	1,186	-
Other Non-Hispanic, female								
Never married	13,428	3,458	1,481	8,974	4,491	4,641	4,908	1,320
Married	176,333	151,066	105,545	85,729	41,119	23,414	9,134	4,763
Widowed	25,776	14,386	42,061	45,379	57,439	38,611	23,470	21,583
Divorced	23,734	20,006	20,278	5,368	5,870	280	182	687

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Table M. 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	.8686	.9684	.9689	.9730	.9734	.9725	.9239	.9214	.9264
1-4 years	.9617	.9621	.9613	.9664	.9672	.9654	.9139	.9119	.9159
5-14 years	.9761	.9768	.9753	.9740	.9750	.9730	.9410	.9402	.9418
5-9 years	.9649	.9655	.9642	.9657	.9665	.9649	.9241	.9230	.9252
10-14 years	.9882	.9891	.9873	.9830	.9841	.9818	.9591	.9586	.9595
15-24 years	1.0081	1.0088	1.0073	1.0032	1.0053	1.0010	.9789	.9723	.9855
15-19 years	1.0166	1.0198	1.0133	1.0094	1.0128	1.0059	.9988	1.0016	.9959
20-24 years	1.0002	.9987	1.0017	.9975	.9985	.9966	.9593	.9432	.9753
25-34 years	.9639	.9463	.9821	.9614	.9480	.9755	.9126	.8666	.9580
25-29 years	.9591	.9439	.9748	.9558	.9441	.9681	.9123	.8732	.9510
30-34 years	.9687	.9487	.9892	.9669	.9518	.9828	.9129	.8599	.9651
35-44 years	.9842	.9689	.9996	.9816	.9700	.9935	.9350	.8867	.9810
35-39 years	.9790	.9628	.9954	.9764	.9643	.9888	.9303	.8808	.9778
40-44 years	.9901	.9758	1.0044	.9875	.9764	.9988	.9410	.8943	.9850
45-54 years	.9780	.9628	.9929	.9772	.9649	.9894	.9322	.8805	.9799
45-49 years	.9775	.9633	.9916	.9762	.9648	.9877	.9302	.8807	.9762
50-54 years	.9785	.9623	.9944	.9784	.9651	.9914	.9346	.8802	.9844
55-64 years	.9824	.9640	.9995	.9828	.9684	.9962	.9545	.8875	1.0138
55-59 years	.9794	.9609	.9968	.9801	.9656	.9941	.9426	.8790	.9999
60-64 years	.9854	.9671	1.0020	.9853	.9712	.9982	.9675	.8969	1.0287
65-74 years	.9960	.9784	1.0101	.9935	.9781	1.0060	1.0211	.9704	1.0596
65-69 years	.9980	.9776	1.0152	.9943	.9762	1.0096	1.0336	.9786	1.0773
70-74 years	.9934	.9795	1.0040	.9926	.9807	1.0017	1.0049	.9589	1.0376
75-84 years	1.0021	1.0046	1.0006	1.0038	1.0066	1.0021	.9971	.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	.9927	1.0015	.9881	.9978	1.0068	.9931	.9524	.9547	.9512
85 years and over	.9411	.9592	.9342	.9512	.9696	.9444	.8503	.8827	.8373

SOURCE: Unpublished data from the U.S. Bureau of the Census.

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Table N. 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 O. 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

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Table O. 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 $U(1 - \alpha = .96, D_{adj})$
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
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

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Table O. 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 $U(1 - \alpha = .96, D_{adj})$
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
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

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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 $U(1 - \alpha = .96, D_{adj})$
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
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

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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 $U(1 - \alpha = .96, D_{adj})$
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 O was generated using the SAS® code below. Users can compute other level Confidence Intervals by changing the alpha-value. Table O is a modified version of Table 40 (60).

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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;
```


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