

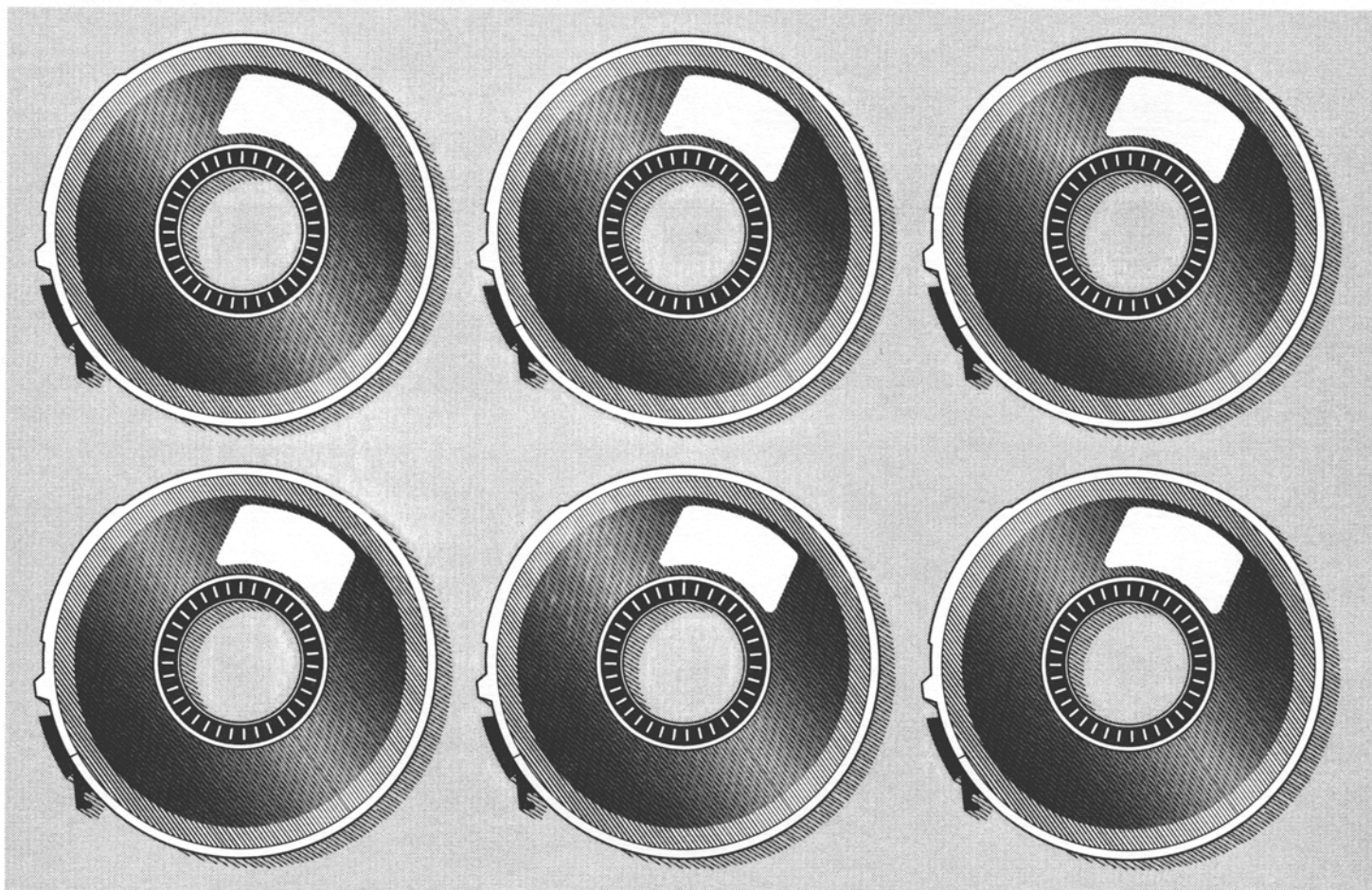
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# Public Use Data Tape Documentation

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1989 Fetal Deaths Detail Record

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



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

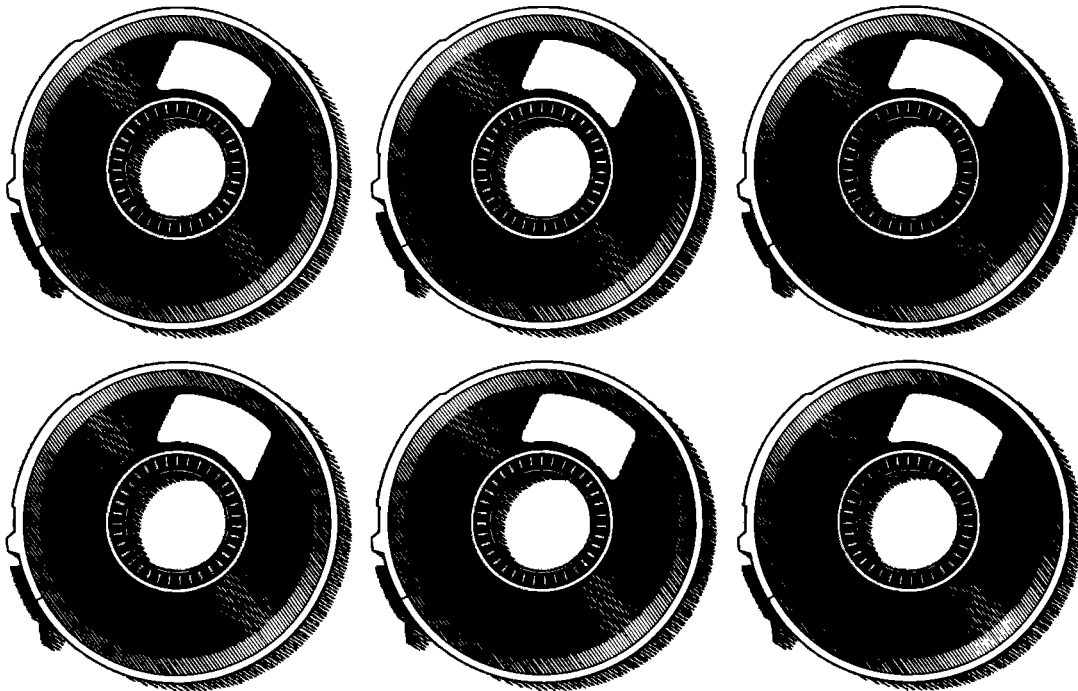


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# Public Use Data Tape Documentation

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1989 Fetal Deaths Detail Record



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

Hyattsville, Maryland  
August 1994

## Documentation of the Fetal Death Tape File for 1989 Data

Information on the fetal death data tape file was abstracted from the Report of Fetal Death forms received in all the States and the District of Columbia, with a record on the data file for each report of a fetal death received. The data is provided to the National Center for Health Statistics (NCHS) through the Vital Statistics Cooperative Program by the registration offices of all States, the District of Columbia, and New York City. Data from New York, excluding New York City, were submitted in machine readable form. All other 1989 data were coded and keyed by the U.S. Bureau of the Census.

Fetal death data are limited to deaths occurring within the United States to U.S. residents and nonresidents. Fetal deaths occurring to U.S. citizens outside the United States are not included in this data file.

In NCHS tabulations by place of residence, fetal deaths to nonresidents of the United States are excluded. The foreign resident records can be identified by code 4 in tape location 7 of the data tape. In addition, the majority of fetal death tables published by NCHS include only those fetal deaths with stated or presumed gestation of 20 weeks or more (see the Technical Appendix). Those records identified with a 2 in tape location 5 are included in these tabulations. All other records are excluded.

Effective January 1, 1989, a revised U.S. Standard Report of Fetal Death replaced the 1978 revision. The 1989 revision provides a wide variety of new information on maternal and fetal health characteristics. Questions on complications of labor and delivery and congenital anomalies of fetus were changed from an open-ended question to a checkbox format to improve reporting of information. Several new items were added that improve the data file's value for monitoring and research of factors affecting fetal mortality.

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

Included in this document are:

1. List of data elements and tape locations.
2. Machine/File/Data Characteristics.
3. Detail Record Layout.
4. Geographic Code Outline.
5. Standard Metropolitan Statistical Areas as adopted for use by NCHS/DVS.
6. Documentation Tables 1-14.
7. Technical Appendix.

#### 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

## List of Data Elements and Tape Locations

<u>Data Items</u>	<u>Tape Locations</u>
1. General	
a. Data year	1-4
b. Tabulation flag	5
c. Record type	6
d. Resident status	7
2. Occurrence	
a. NCHS State	17-18
b. Expanded NCHS State	15-16
c. NCHS County	19-21
d. Population size - county	27
e. Division	13
f. Region	12
g. FIPS State	22-23
h. Fips County	24-26
3. Residence	
a. NCHS state	33-34
b. Expanded NCHS State	31-32
c. NCHS County	35-37
d. NCHS City	38-40
e. Population size - city	41
f. Population size - county	59
g. NCHS SMSA	357-359
h. Met/Nonmet county	42
i. Division	29
j. Region	28
k. FIPS State	43-44
l. FIPS County	45-47
m. FIPS SMSA	55-58
4. Prenatal Care	
a. Month began	113-116
b. Number of visits	117-120
5. Fetus	
a. Sex	202-203
b. Race	204-206
c. Plurality	214-215
d. Weight at delivery	207-213
e. Gestation	197-201, 216-217
f. Month/year of delivery	186-187, 190-193
g. Day of week of delivery	194

List of Data Elements and Tape Locations

<u>Data Items</u>	<u>Tape Locations</u>
6. Mother	
a. Age	69-76, 87-88
b. Race	79-81
c. Marital status	86
d. Education	82-84
e. Hispanic origin	76-77
7. Pregnancy History	
a. Born alive, now living	98-99
b. Born alive, now dead	100-101
c. Other terminations	102-103
d. Total birth order	109-111
e. Live birth order	105-107
8. Father	
a. Age	160-164, 173-174
b. Race	167-169
c. Education	170-172
d. Hispanic origin	165-166
9. Other Items	
a. Residence reporting flags	315-339
b. Attendant at delivery	10-11
c. Place of delivery	8-9
d. Interval since last live birth	135-139
10. Medical and Health Data	
a. Method of delivery	220-226
b. Medical risk factors	228-244
c. Other risk factors	
Tobacco	245-248
Alcohol	249-252
Weight gain during pregnancy	253-255
d. Obstetric procedures	256-262
e. Complications of labor and/or delivery	263-278
f. Congenital anomalies	279-300

Machine/File/Data Characteristics:

1. Machine used: IBM/3081/K
  2. Language used: PL/1
  3. File organization: One file, multiple reels
  4. Record format: Blocked, fixed format
  5. Record count: 61,295
  6. Record length: 360
  7. Blocksize: 32400
  8. Recording mode: IBM/EBCDIC 8-bit code
  9. Code scheme: Numeric/Alphabetic/Blanks
  10. Last block: May be a short block
  11. Data counts: ALL FETAL DEATHS:
    - a. By occurrence: 61,295
    - b. By residence: 61,236
    - c. To foreign residents: 59
- 
- 20 WEEKS AND OVER:
    - a. By occurrence: 30,509
    - b. By residence: 30,469
    - c. To foreign residents: 40

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
1-4	4	<u>DATAYEAR</u> <u>Year of Delivery (Data Year)</u>  1989      ...      1989
5	1	<u>TABFLAG</u> <u>Tabulation Inclusion Flag</u>  The majority of fetal death tables published by NCHS/DVS include only those fetal deaths with stated or presumed gestation of 20 weeks or more, see the Technical Appendix. This position is used to indicate which records to include in these tables.  1            ...      Under 20 weeks (excluded) 2            ...      20 weeks or more (included)
6	1	<u>RECTYPE</u> <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.
7	1	<u>RESTATUS</u> <u>Resident Status</u>  1            ...      RESIDENTS: State and county of occurrence and residence are the same. 2            ...      INTRASTATE NONRESIDENTS: State of occurrence and residence are the same, but county is different. 3            ...      INTERSTATE NONRESIDENTS: State of occurrence and residence are different, but both are in the U.S. 4            ...      FOREIGN RESIDENTS: State of occurrence is one of the 50 States or the District of Columbia, but place of residence of mother is outside of the U.S.



1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
8	1	<u>PLDEL</u> <u>Place or Facility of Delivery</u> 1        ...    Hospital delivery 2        ...    Doctor's offices, mother's residence, Fire Department, public place, etc. 3        ...    Delivery occurred en route to or on arrival at a facility 9        ...    Unknown or not stated
9	1	<u>PLDEL2</u> <u>Place or Facility of Delivery Recode</u> 1        ...    In hospital 2        ...    Not in a hospital (includes unknown)
10	1	<u>FATTND</u> <u>Attendant at Delivery</u> 1        ...    Doctor of Medicine (M.D.) 2        ...    Doctor of Osteopathy (D.O.) 3        ...    Certified Nurse Midwife (C.N.M.) 4        ...    Other Midwife 5        ...    Other 9        ...    Unknown or not stated
11	1	<u>FATTNDR</u> <u>Attendant at Delivery Recode</u> 1        ...    Physician 2        ...    Midwife 3        ...    Other 9        ...    Unknown or not stated

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
12-27	16	<u>FOCCUR</u> <u>Place of Occurrence</u>  Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
12-14	3	<u>RDSSCOCC</u> <u>Region, Division, and State Subcode of Occurrence</u>
12	1	<u>REGNOCC</u> <u>Region of Occurrence</u>
13	1	<u>DIVOCC</u> <u>Division of Occurrence</u>
14	1	<u>STSUBOCC</u> <u>State Subcode of Occurrence</u>

States are coded within division and the code structure is designed to sequence the States as they appear in NCHS publications.

- 1 ... NORTHEAST
  - 1 ... New England
    - 1 ... Maine
    - 2 ... New Hampshire
    - 3 ... Vermont
    - 4 ... Massachusetts
    - 5 ... Rhode Island
    - 6 ... Connecticut
  - 2 ... Middle Atlantic
    - 1 ... New York
    - 2 ... New Jersey
    - 3 ... Pennsylvania
- 2 ... MIDWEST
  - 3 ... East North Central
    - 1 ... Ohio
    - 2 ... Indiana
    - 3 ... Illinois
    - 4 ... Michigan
    - 5 ... Wisconsin
  - 4 ... West North Central
    - 1 ... Minnesota
    - 2 ... Iowa
    - 3 ... Missouri
    - 4 ... North Dakota
    - 5 ... South Dakota
    - 6 ... Nebraska
    - 7 ... Kansas

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
12-14	3	<u>RDSSCOCC</u> <u>Region, Division, State Subcode of Occurrence</u> <u>(Cont'd)</u>
	3	... <u>SOUTH</u>
	5	... <u>South Atlantic</u>
	1	... Delaware
	2	... Maryland
	3	... District of Columbia
	4	... Virginia
	5	... West Virginia
	6	... North Carolina
	7	... South Carolina
	8	... Georgia
	9	... Florida
	6	... <u>East South Central</u>
	1	... Kentucky
	2	... Tennessee
	3	... Alabama
	4	... Mississippi
	7	... <u>West South Central</u>
	1	... Arkansas
	2	... Louisiana
	3	... Oklahoma
	4	... Texas
	4	... <u>WEST</u>
	8	... <u>Mountain</u>
	1	... Montana
	2	... Idaho
	3	... Wyoming
	4	... Colorado
	5	... New Mexico
	6	... Arizona
	7	... Utah
	8	... Nevada
	9	... <u>Pacific</u>
	1	... Washington
	2	... Oregon
	3	... California
	4	... Alaska
	5	... Hawaii

1989 FETAL DEATHS  
DETAIL RECORD

Item  
Location

15-16

Item  
Length

2

Variable Name,  
Item and Code Outline

STFETEXP

Expanded State of Occurrence

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

01 ... Alabama  
02 ... Alaska  
03 ... Arizona  
04 ... Arkansas  
05 ... California  
06 ... Colorado  
07 ... Connecticut  
08 ... Delaware  
09 ... District of Columbia  
10 ... Florida  
11 ... Georgia  
12 ... Hawaii  
13 ... Idaho  
14 ... Illinois  
15 ... Indiana  
16 ... Iowa  
17 ... Kansas  
18 ... Kentucky  
19 ... Louisiana  
20 ... Maine  
21 ... Maryland  
22 ... Massachusetts  
23 ... Michigan  
24 ... Minnesota  
25 ... Mississippi  
26 ... Missouri  
27 ... Montana  
28 ... Nebraska  
29 ... Nevada  
30 ... New Hampshire  
31 ... New Jersey  
32 ... New Mexico  
33 ... New York  
34 ... New York city  
35 ... North Carolina  
36 ... North Dakota  
37 ... Ohio  
38 ... Oklahoma

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
15-16	2	<u>STFETEXP</u> <u>Expanded State of Occurrence Cont'd</u> 39 ... Oregon 40 ... Pennsylvania 41 ... Rhode Island 42 ... South Carolina 43 ... South Dakota 44 ... Tennessee 45 ... Texas 46 ... Utah 47 ... Vermont 48 ... Virginia 49 ... Washington 50 ... West Virginia 51 ... Wisconsin 52 ... Wyoming
17-18	2	<u>STATEFET</u> <u>State of Occurrence</u> 01 ... Alabama 02 ... Alaska 03 ... Arizona 04 ... Arkansas 05 ... California 06 ... Colorado 07 ... Connecticut 08 ... Delaware 09 ... District of Columbia 10 ... Florida 11 ... Georgia 12 ... Hawaii 13 ... Idaho 14 ... Illinois 15 ... Indiana 16 ... Iowa 17 ... Kansas 18 ... Kentucky 19 ... Louisiana 20 ... Maine 21 ... Maryland 22 ... Massachusetts 23 ... Michigan 24 ... Minnesota



1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
22-26	5	<p><u>FIPSOCC</u> <u>Federal Information Processing Standards (FIPS) Geographic Codes (Occurrence)</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.</p>
22-23	2	<p><u>STOCCFIP</u> <u>State of Occurrence (FIPS)</u></p> <p>01 ... Alabama 02 ... Alaska 04 ... Arizona 05 ... Arkansas 06 ... California 08 ... Colorado 09 ... Connecticut 10 ... Delaware 11 ... District of Columbia 12 ... Florida 13 ... Georgia 15 ... Hawaii 16 ... Idaho 17 ... Illinois 18 ... Indiana 19 ... Iowa 20 ... Kansas 21 ... Kentucky 22 ... Louisiana 23 ... Maine 24 ... Maryland 25 ... Massachusetts 26 ... Michigan 27 ... Minnesota 28 ... Mississippi 29 ... Missouri 30 ... Montana 31 ... Nebraska 32 ... Nevada 33 ... New Hampshire</p>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
22-23	2	<u>STOCCFIP</u> <u>State of Occurrence (Cont'd)</u> 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
24-26	3	<u>CNTOCFIP</u> <u>County of Occurrence (FIPS)</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 1980. (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.
27	1	<u>CNTOCPOP</u> <u>Population Size of County of Occurrence</u> Based on the results of the 1980 Census 0     ...     County of 1,000,000 or more 1     ...     County of 500,000 to 1,000,000 2     ...     County of 250,000 to 500,000 3     ...     County of 100,000 to 250,000 9     ...     County of Less than 100,000



1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
28-59	32	<u>FRESID</u> <u>Place of Residence</u>  Refer to the Geographic Code Outline further back in this document for a detailed list of areas and codes.
28-30	3	<u>RDSCRES</u> <u>Region, Division, and State Subcode of Residence</u>
28	1	<u>REGNRES</u> <u>Region of Residence</u>
29	1	<u>DIVRES</u> <u>Division of Residence</u>
30	1	<u>STSUBRES</u> <u>State Subcode of Residence</u>

States are coded within Division and the code structure is designed to sequence the States as they appear in NCHS publications.

- 000     ...   Foreign residents
- 1       ...   NORTHEAST
- 1     ...   New England
- 1     ...   Maine
- 2     ...   New Hampshire
- 3     ...   Vermont
- 4     ...   Massachusetts
- 5     ...   Rhode Island
- 6     ...   Connecticut
- 2     ...   Middle Atlantic
- 1     ...   New York
- 2     ...   New Jersey
- 3     ...   Pennsylvania
- 2     ...   MIDWEST
- 3     ...   East North Central
- 1     ...   Ohio
- 2     ...   Indiana
- 3     ...   Illinois
- 4     ...   Michigan
- 5     ...   Wisconsin
- 4     ...   West North Central
- 1     ...   Minnesota
- 2     ...   Iowa
- 3     ...   Missouri
- 4     ...   North Dakota
- 5     ...   South Dakota
- 6     ...   Nebraska
- 7     ...   Kansas

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
28-30	3	<u>RDSCRES</u> <u>Region, Division, State Subcode of Residence (Cont'd)</u>
	3	... <u>SOUTH</u>
	5	... <u>South Atlantic</u>
	1	... Delaware
	2	... Maryland
	3	... District of Columbia
	4	... Virginia
	5	... West Virginia
	6	... North Carolina
	7	... South Carolina
	8	... Georgia
	9	... Florida
	6	... <u>East South Central</u>
	1	... Kentucky
	2	... Tennessee
	3	... Alabama
	4	... Mississippi
	7	... <u>West South Central</u>
	1	... Arkansas
	2	... Louisiana
	3	... Oklahoma
	4	... Texas
	4	... <u>WEST</u>
	8	... <u>Mountain</u>
	1	... Montana
	2	... Idaho
	3	... Wyoming
	4	... Colorado
	5	... New Mexico
	6	... Arizona
	7	... Utah
	8	... Nevada
	9	... <u>Pacific</u>
	1	... Washington
	2	... Oregon
	3	... California
	4	... Alaska
	5	... Hawaii

1989 FETAL DEATHS  
 DETAIL RECORD

Item  
Location

Item  
Length

Variable Name,  
Item and Code Outline

31-32

2

STRESEXP  
Expanded State of Residence

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

01	...	Alabama
02	...	Alaska
03	...	Arizona
04	...	Arkansas
05	...	California
06	...	Colorado
07	...	Connecticut
08	...	Delaware
09	...	District of Columbia
10	...	Florida
11	...	Georgia
12	...	Hawaii
13	...	Idaho
14	...	Illinois
15	...	Indiana
16	...	Iowa
17	...	Kansas
18	...	Kentucky
19	...	Louisiana
20	...	Maine
21	...	Maryland
22	...	Massachusetts
23	...	Michigan
24	...	Minnesota
25	...	Mississippi
26	...	Missouri
27	...	Montana
28	...	Nebraska
29	...	Nevada
30	...	New Hampshire
31	...	New Jersey
32	...	New Mexico
33	...	New York
34	...	New York city
35	...	North Carolina

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
31-32	2	<u>STRESEXP</u> <u>Expanded State of Residence Cont'd</u>
		36 ... North Dakota
		37 ... Ohio
		38 ... Oklahoma
		39 ... Oregon
		40 ... Pennsylvania
		41 ... Rhode Island
		42 ... South Carolina
		43 ... South Dakota
		44 ... Tennessee
		45 ... Texas
		46 ... Utah
		47 ... Vermont
		48 ... Virginia
		49 ... Washington
		50 ... West Virginia
		51 ... Wisconsin
		52 ... Wyoming
		53-58,60 ... Foreign Residents
		53 ... Puerto Rico
		54 ... Virgin Islands
		55 ... Guam
		56 ... Canada
		57 ... Cuba
		58 ... Mexico
		60 ... Remainder of the world

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
33-34	2	<u>STATERES</u> <u>State of Residence</u>
		01 ... Alabama
		02 ... Alaska
		03 ... Arizona
		04 ... Arkansas
		05 ... California
		06 ... Colorado
		07 ... Connecticut
		08 ... Delaware
		09 ... District of Columbia
		10 ... Florida
		11 ... Georgia
		12 ... Hawaii
		13 ... Idaho
		14 ... Illinois
		15 ... Indiana
		16 ... Iowa
		17 ... Kansas
		18 ... Kentucky
		19 ... Louisiana
		20 ... Maine
		21 ... Maryland
		22 ... Massachusetts
		23 ... Michigan
		24 ... Minnesota
		25 ... Mississippi
		26 ... Missouri
		27 ... Montana
		28 ... Nebraska
		29 ... Nevada
		30 ... New Hampshire
		31 ... New Jersey
		32 ... New Mexico
		33 ... New York
		34 ... North Carolina
		35 ... North Dakota
		36 ... Ohio
		37 ... Oklahoma
		38 ... Oregon
		39 ... Pennsylvania
		40 ... Rhode Island
		41 ... South Carolina
		42 ... South Dakota

**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
33-34	2	<p><u>STATERES</u> <u>State of Residence Cont'd</u></p> <p>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</p>
35-37	3	<p><u>CNTYRES</u> <u>County of Residence</u></p> <p>A complete list of counties is shown in the Geographic Code Outline further back in this document.</p> <p>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 1980. (Note: To uniquely identify a county, both the State and county codes must be used.)</p> <p>ZZZ       ...    Foreign Residents</p>
38-40	3	<p><u>CITYRES</u> <u>City of Residence</u></p> <p>A complete list of cities is shown in the Geographic Code Outline further back in this document.</p> <p>001-nnn   ...    Cities are numbered alphabetically within each State and identify each city with a population of 100,000 or more in 1980. (Note: To uniquely identify a city, both the State and city codes must be used. State, county and city codes may also be used.)</p> <p>999       ...    Balance of county  ZZZ       ...    Foreign residents</p>

**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
41	1	<p><b><u>CITRSPOP</u></b>  <b><u>Population Size of City of Residence</u></b></p> <p>Based on the results of the 1980 census</p> <p>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</p>
42	1	<p><b><u>METRORES</u></b>  <b><u>Metropolitan - Nonmetropolitan County of Residence</u></b></p> <p>1 ... Metropolitan county  2 ... Nonmetropolitan county  Z ... Foreign residents</p>
43-58	16	<p><b><u>FIPSRES</u></b>  <b><u>Federal Information Processing Standards (FIPS) Geographic Codes (Residence)</u></b></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.</p>
43-44	2	<p><b><u>STRESFIP</u></b>  <b><u>State of Residence (FIPS)</u></b></p> <p>00 ... Foreign residents  01 ... Alabama  02 ... Alaska  04 ... Arizona  05 ... Arkansas  06 ... California  08 ... Colorado  09 ... Connecticut  10 ... Delaware</p>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
43-44	2	<u>STRESFIP</u> <u>State of Residence (Cont'd)</u>
		11 ... District of Columbia
		12 ... Florida
		13 ... Georgia
		15 ... Hawaii
		16 ... Idaho
		17 ... Illinois
		18 ... Indiana
		19 ... Iowa
		20 ... Kansas
		21 ... Kentucky
		22 ... Louisiana
		23 ... Maine
		24 ... Maryland
		25 ... Massachusetts
		26 ... Michigan
		27 ... Minnesota
		28 ... Mississippi
		29 ... Missouri
		30 ... Montana
		31 ... Nebraska
		32 ... Nevada
		33 ... New Hampshire
		34 ... New Jersey
		35 ... New Mexico
		36 ... New York
		37 ... North Carolina
		38 ... North Dakota
		39 ... Ohio
		40 ... Oklahoma
		41 ... Oregon
		42 ... Pennsylvania
		44 ... Rhode Island
		45 ... South Carolina
		46 ... South Dakota
		47 ... Tennessee
		48 ... Texas
		49 ... Utah
		50 ... Vermont
		51 ... Virginia
		53 ... Washington
		54 ... West Virginia
		55 ... Wisconsin
		56 ... Wyoming





1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
60-68	9	<u>RIA</u> <u>Reserved Positions</u>
69	1	<u>MAGERFLG</u> <u>Reported Age of Mother Used Flag</u>  This position is flagged whenever the mother's reported age is used. The reported age is used, if valid, when age could not be computed or when the computed age is outside the 10-49 code range.  Blank           ... Reported age is not used 1               ... Reported age is used
70	1	<u>MAGEIMP</u> <u>Age of Mother Imputation Flag</u>  Blank           ... Age is not imputed 1               ... Age is imputed
71-72	2	<u>DMAGE</u> <u>Age of Mother</u>  This item is: a) computed using dates of birth of mother and of delivery; b) reported; or c) imputed. This is the age item used in NCHS publications.  10-49           ... Age is single years

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
73-74	2	<u>MAGE12</u> <u>Age of Mother Recode 12</u> 01 ... Under 15 years 02 ... 15 years 03 ... 16 years 04 ... 17 years 05 ... 18 years 06 ... 19 years 07 ... 20 - 24 years 08 ... 25 - 29 years 09 ... 30 - 34 years 10 ... 35 - 39 years 11 ... 40 - 44 years 12 ... 45 - 49 years
75	1	<u>MAGE8</u> <u>Age of Mother Recode 8</u> 1 ... Under 15 years 2 ... 15 - 19 years 3 ... 20 - 24 years 4 ... 25 - 29 years 5 ... 30 - 34 years 6 ... 35 - 39 years 7 ... 40 - 44 years 8 ... 45 - 49 years
76	1	<u>ORMOTH</u> <u>Hispanic Origin of Mother</u> Origin is not reported by all areas. See reporting flags. 0 ... Non-Hispanic 1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other and unknown Hispanic 9 ... Origin unknown or not stated

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
77	1	<p><b><u>ORRACEM</u></b> <b><u>Hispanic Origin and Race of Mother Recode</u></b></p> <p>Origin's not reported by all areas. See reporting flags.</p> <p>1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other and unknown Hispanic 6 ... Non-Hispanic White 7 ... Non-Hispanic Black 8 ... Non-Hispanic other races 9 ... Origin unknown or not stated</p>
78	1	<p><b><u>MRACEIMP</u></b> <b><u>Race of Mother Imputation Flag</u></b></p> <p>Black ... Race is not imputed 1 ... Race is imputed</p>
79-80	2	<p><b><u>MRACE</u></b> <b><u>Race of Mother</u></b></p> <p>Race codes effective with 1989 data differ from previous years.</p> <p>01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 09 ... All other Races</p>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
81	1	<p><u>MRACE3</u> <u>Race of Mother Recode</u></p> <p>1           ...    White 2           ...    Races other than White or Black 3           ...    Black</p>
82-83	2	<p><u>DMEDUC</u> <u>Education of Mother</u></p> <p>Education is not reported by all areas. See reporting flags.</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 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</p>
84	1	<p><u>MEDUC6</u> <u>Education of Mother Recode</u></p> <p>Education is not reported by all areas. See reporting flags.</p> <p>1           ...    0 - 8 years 2           ...    9 - 11 years 3           ...    12 years 4           ...    13 - 15 years 5           ...    16 years and over 6           ...    Not stated</p>
85	1	<p><u>R1C</u> <u>Reserved Position</u></p>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
86	1	<u>DMAR</u> <u>Marital Status of Mother</u>  Marital status is not reported by all areas. See reporting flags.  1           ...   Married 2           ...   Unmarried 9           ...   Unknown or not stated
87-88	2	<u>DMAGERPT</u> <u>Reported Age of Mother</u>  10-49       ...   Age in single years 99           ...   Unknown or not stated
89-97	9	<u>R2</u> <u>Reserved Positions</u>
98-99	2	<u>NLBNL</u> <u>Number of Live Births, Now Living</u>  00-30       ...   Stated number of children 99           ...   Unknown or not stated
100-101	2	<u>NLBND</u> <u>Number of Live Births, Now Dead</u>  00-30       ...   Stated number of children 99           ...   Unknown or not stated
102-103	2	<u>NOTERM</u> <u>Number of Other Terminations</u>  Includes spontaneous and induced at any time after conception.  00-30       ...   Stated number of other terminations 99           ...   Unknown or not stated
104	1	<u>R2A</u> <u>Reserved Position</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
105-106	2	<u>DLIVORD</u> <u>Detail Live Birth Order</u>  Sum of live births now living and now dead. If either item is unknown, this item is made unknown.  00-40 ... Number of children born alive to mother 99 ... Unknown live birth order
107	1	<u>LIVORD9</u> <u>Live Birth Order Recode</u>  0 ... No children born alive to mother 1 ... One 2 ... Two 3 ... Three 4 ... Four 5 ... Five 6 ... Six 7 ... Seven 8 ... Eight or more 9 ... Unknown Live Birth Order
108	1	<u>R2B</u> <u>Reserved Position</u>
109-110	2	<u>DTOTORD</u> <u>Detail Total Birth Order</u>  Sum of live birth order and other terminations of pregnancy plus one (for this pregnancy). If either item is unknown, this item is made unknown.  01-41 ... Number of live births and other terminations of pregnancy 99 ... Unknown total birth order

**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
111	1	<u>TOTORD9</u> <u>Total Birth Order Recode</u>  1           ...    One 2           ...    Two 3           ...    Three 4           ...    Four 5           ...    Five 6           ...    Six 7           ...    Seven 8           ...    Eight or more 9           ...    Unknown Total Birth Order
112	1	<u>R2C</u> <u>Reserved Position</u>
113-114	2	<u>MONPRE</u> <u>Detail Month of Pregnancy Prenatal Care Began</u>  Month prenatal care began is not reported by all areas. See reporting flags.  00           ...    No prenatal care 01           ...    1st month 02           ...    2nd month 03           ...    3rd month 04           ...    4th month 05           ...    5th month 06           ...    6th month 07           ...    7th month 08           ...    8th month 09           ...    9th month 99           ...    Unknown or not stated
115	1	<u>MPRE6</u> <u>Month Prenatal Care Began Recode 6</u>  Month prenatal care began is not reported by all areas. See reporting flags.  1           ...    1st - 2nd month 2           ...    3rd month 3           ...    4th - 6th month 4           ...    7th - 9th month 5           ...    No prenatal care 6           ...    Unknown or not stated



**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
116	1	<p><b><u>MPRES</u></b> <b><u>Month Prenatal Care Began Recode 5</u></b></p> <p>Month prenatal care began is not reported by all areas. See reporting flags.</p> <p>1           ...    1st Trimester (1st-3rd month) 2           ...    2nd Trimester (4th-6th month) 3           ...    3rd Trimester (7th-9th month) 4           ...    No prenatal care 5           ...    Unknown or not stated</p>
117-118	2	<p><b><u>NPREVIST</u></b> <b><u>Total Number of Prenatal Visits</u></b></p> <p>Number of prenatal visits is not reported by all areas. See reporting flags</p> <p>00           ...    No prenatal visits 01-48       ...    Stated number of visits 49           ...    49 or more visits 99           ...    Unknown or not stated</p>
119-120	2	<p><b><u>NPREV12</u></b> <b><u>Number of Prenatal Visits Recode</u></b></p> <p>Number of prenatal visits is not reported by all areas. See reporting flags</p> <p>01           ...    No visits 02           ...    1 - 2 visits 03           ...    3 - 4 visits 04           ...    5 - 6 visits 05           ...    7 - 8 visits 06           ...    9 - 10 visits 07           ...    11 - 12 visits 08           ...    13 - 14 visits 09           ...    15 - 16 visits 10           ...    17 - 18 visits 11           ...    19 visits or more 12           ...    Unknown or not stated</p>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
121-128	8	<u>LMPDATE</u> <u>Date Last Normal Menses Began</u>  Date of last normal menses is not reported by all areas. See reporting flags.
121-122	2	<u>LMPMON</u> <u>Month</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 99      ...      Unknown or not stated month of LMP
123-124	2	<u>LMPDAY</u> <u>Day</u>  01-31    ...    As applicable to month of LMP 99      ...    Unknown or not stated day of LMP
125-128	4	<u>LMPYR</u> <u>Year</u>  1988    ...    1988 1989    ...    1989 9999    ...    Unknown or not stated year of LMP

**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
129-134	6	<u>LLBDATE</u> <u>Date of last Live Birth</u>  Date of last live birth is not reported by all areas. See reporting flags  777777 ... No previous live birth
129-130	2	<u>LLBMON</u> <u>Month of Last Live Birth</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 99 ... Unknown or not stated
131-134	4	<u>LLBYR</u> <u>Year of Last Live Birth</u>  1900-1989 ... Stated year 9999 ... Unknown or not stated
135-137	3	<u>DISLLB</u> <u>Interval Since Last Live Birth</u>  This item is computed from date of delivery and date of last live birth.  777 ... No previous live birth 000 ... Zero months (plural birth) 001-500 ... One - five hundred months 999 ... Unknown
138-139	2	<u>ISLLB10</u> <u>Interval Since Last Live Birth Recode</u>  00 ... Not applicable (no previous live birth) 01 ... Zero months (plural birth) 02 ... 1 - 11 months 03 ... 12 - 17 months 04 ... 18 - 23 months 05 ... 24 - 35 months 06 ... 36 - 47 months 07 ... 48 - 59 months 08 ... 60 - 71 months 09 ... 72 months and over 10 ... Unknown

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
140-159	20	<u>R3</u> <u>Reserved Positions</u>
160	1	<u>FAGERFLG</u> <u>Reported Age of Father Used Flag</u>  This position is flagged whenever the Father's reported age is used. The reported age is used, if valid, when age could not be computed or when the computed age is less than 10.  Blank                   ...   Reported age is not used 1                         ...   Reported age is used
161-162	2	<u>DFAGE</u> <u>Age of Father</u>  This item is either computed from date of birth of father and date of delivery or is the reported age. This is the age item used in NCHS publications.  10-98           ...   Age is single years 99               ...   Unknown or not stated
163-164	2	<u>FAGE11</u> <u>Age of Father Recode</u>  01           ...   Under 15 years 02           ...   15 - 19 years 03           ...   20 - 24 years 04           ...   25 - 29 years 05           ...   30 - 34 years 06           ...   35 - 39 years 07           ...   40 - 44 years 08           ...   45 - 49 years 09           ...   50 - 54 years 10           ...   55 - 59 years 11           ...   60 - 98 years 12           ...   Not stated
165	1	<u>ORFATH</u> <u>Hispanic Origin of Father</u>  Origin is not reported by all areas. See reporting flags.  0           ...   Non-Hispanic 1           ...   Mexican 2           ...   Puerto Rican 3           ...   Cuban 4           ...   Central or South American 5           ...   Other and unknown Hispanic 9           ...   Origin unknown or not stated

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
166	1	<p><b><u>ORRACEF</u></b> <b><u>Hispanic Origin and Race of Father Recode</u></b></p> <p>Origin is not reported by all areas. See reporting flags.</p> <p>1 ... Mexican 2 ... Puerto Rican 3 ... Cuban 4 ... Central or South American 5 ... Other and unknown Hispanic 6 ... Non-Hispanic White 7 ... Non-Hispanic Black 8 ... Non-Hispanic other or unknown race 9 ... Origin unknown or not stated</p>
167-168	2	<p><b><u>FRACE</u></b> <b><u>Race of Father</u></b></p> <p>Race codes effective with 1989 data differ from previous years.</p> <p>01 ... White 02 ... Black 03 ... American Indian (includes Aleuts and Eskimos) 04 ... Chinese 05 ... Japanese 06 ... Hawaiian (includes Part-Hawaiian) 07 ... Filipino 08 ... Other Asian or Pacific Islander 09 ... All other races 99 ... Unknown or not stated</p>
169	1	<p><b><u>FRACE4</u></b> <b><u>Race of Father Recode</u></b></p> <p>1 ... White 2 ... Race other than White, Black, or unknown 3 ... Black 4 ... Unknown or not stated</p>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
170-171	2	<p><u>DFEDUC</u> <u>Education of Father</u></p> <p>Education is not reported by all areas. See reporting flags</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 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 ... Non stated</p>
172	1	<p><u>FEDUC6</u> <u>Education of Father Recode</u></p> <p>Education is not reported by all areas. See reporting flags</p> <p>1 ... 0 - 8 years 2 ... 9 - 11 years 3 ... 12 years 4 ... 13 - 15 years 5 ... 16 years and over 6 ... Not stated</p>
173-174	2	<p><u>DFAGERPT</u> <u>Reported Age of Father</u></p> <p>10-98 ... Age in single years 99 ... Unknown or not stated</p>
175-183	9	<p><u>R4</u> <u>Reserved Positions</u></p>
184	1	<p><u>FDODMIMP</u> <u>Month of Delivery Imputation Flag</u></p> <p>Blank ... Month is not imputed 1 ... Month is imputed</p>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
185	1	<u>R4A</u> <u>Reserved Position</u>
186-187	2	<u>DELMON</u> <u>Month</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
188-189	2	<u>R4B</u> <u>Reserved Positions</u>
190-193	4	<u>DELYR</u> <u>Year</u> 1989 ... 1989
194	1	<u>WEEKDAY</u> <u>Day of Week of Delivery</u> 1 ... Sunday 2 ... Monday 3 ... Tuesday 4 ... Wednesday 5 ... Thursday 6 ... Friday 7 ... Saturday

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
195	1	<u>GESTESTM</u> <u>Clinical Estimate of Gestation Used Flag</u>  This position is flagged whenever the clinical estimate of gestation is used. It is used whenever gestation could not be computed or when the computed gestation is outside the 02-47 code range.  Blank ... Clinical estimate is not used 1 ... Clinical estimate is used
196	1	<u>GESTIMP</u> <u>Gestation Imputation Flag</u>  Blank ... Gestation is not imputed 1 ... Gestation is imputed
197-198	2	<u>DGESTAT</u> <u>Gestation</u>  This item is: a) computed using dates of delivery and last normal menses; b) the clinical estimate; c) imputed; or d) unknown when there is insufficient data to impute or no valid clinical estimate. This is the gestation item used in NCHS publications.  02-47 ... 2nd through 47th week of gestation 99 ... Unknown



1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
199-200	2	<u>GESTAT12</u> <u>Gestation Recode 12</u> 01        ...    Under 16 weeks 02        ...    16-19 weeks 03        ...    20-23 weeks 04        ...    24-27 weeks 05        ...    28-31 weeks 06        ...    32-35 weeks 07        ...    36     weeks 08        ...    37-39 weeks 09        ...    40     weeks 10        ...    41     weeks 11        ...    42     weeks and over 12        ...    Unknown
201	1	<u>GESTAT5</u> <u>Gestation Recode 5</u> 1        ...    Under 20 weeks 2        ...    20-23 weeks 3        ...    24-27 weeks 4        ...    28 weeks and over 5        ...    Unknown
202	1	<u>FSEXIMP</u> <u>Sex Imputation Flag</u> Sex is imputed only for those records with stated or presumed period of gestation of 20 weeks or more. Blank    ...    Sex is not imputed 1        ...    Sex is imputed
203	1	<u>FSEX</u> <u>Sex</u> 1        ...    Male 2        ...    Female 9        ...    Unknown or not stated

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
204-205	2	<p><b><u>RACEF</u></b> <b><u>Race of Fetus</u></b></p> <p>Race code effective with 1989 data differ from previous years.</p> <p>01           ...    White 02           ...    Black 03           ...    American Indian (includes Aleuts and Eskimos) 04           ...    Chinese 05           ...    Japanese 06           ...    Hawaiian (includes Part-Hawaiian) 07           ...    Filipino 08           ...    Other Asian or Pacific Islander 09           ...    All other races</p>
206	1	<p><b><u>FRACE3</u></b> <b><u>Race of Fetus Recode</u></b></p> <p>1            ...    White 2            ...    Races other than White or Black 3            ...    Black</p>
207-210	4	<p><b><u>DBIRWT</u></b> <b><u>Weight at Delivery</u></b></p> <p>0000-8165 ...    Number of grams 9999       ...    Unknown or not stated</p>
211-212	2	<p><b><u>BIRWT14</u></b> <b><u>Weight at Delivery Recode 14</u></b></p> <p>01           ...    249 grams or less 02           ...    250-349 grams 03           ...    350-499 grams 04           ...    500-999 grams 05           ...    1000-1499 grams 06           ...    1500-1999 grams 07           ...    2000-2499 grams 08           ...    2500-2999 grams 09           ...    3000-3499 grams 10           ...    3500-3999 grams 11           ...    4000-4499 grams 12           ...    4500-4999 grams 13           ...    5000-8165 grams 14           ...    Unknown or not stated</p>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
213	1	<u>BIRWT4</u> <u>Weight at Delivery Recode 4</u> 1           ...   1499 grams or less 2           ...   1500-2499 grams 3           ...   2500 gram or more 4           ...   Unknown or not stated
214	1	<u>PLURIMP</u> <u>Plurality Imputation Flag</u> Blank       ...   Plurality is not imputed 1           ...   Plurality is imputed
215	1	<u>DPLURAL</u> <u>Plurality</u> Louisiana does not report plurality. 1           ...   Single 2           ...   Twin 3           ...   Triplet 4           ...   Quadruplet 5           ...   Quadruplet or higher 9           ...   Louisiana occurrence to resident
216-217	2	<u>CLINGEST</u> <u>Clinical Estimate of Gestation</u> Clinical estimate is not reported by all areas. See reporting flags. 02-47       ...   Estimated gestation in weeks 99           ...   Unknown or not stated
218-219	2	<u>R5</u> <u>Reserved Positions</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
220-314	95	<p><u>MEDINFO</u>  <u>Medical and Health Data</u></p> <p>Some States do not report an entire item while other States do not report all of the categories within an item.</p> <p>If an item is not reported, it is indicated by code zero in the appropriate reporting flag.</p> <p>If a category within an item is not reported it is indicated by code 8 in the position for that category.</p>
220-226	7	<p><u>DELMETH</u>  <u>Method of Delivery</u></p> <p>Each method is assigned a separate position, and the code structure for each method (position) is:</p> <p>1 ... The method was used            2 ... The method was not used            8 ... Method not on certificate            9 ... Method unknown or not stated</p>
220	1	<p><u>VAGINAL</u>  <u>Vaginal</u></p>
221	1	<p><u>VBAC</u>  <u>Vaginal Birth After Previous C-Section</u></p>
222	1	<p><u>PRIMAC</u>  <u>Primary C-Section</u></p>
223	1	<p><u>REPEAC</u>  <u>Repeat C-Section</u></p>
224	1	<p><u>FORCEP</u>  <u>Forceps</u></p>
225	1	<p><u>VACUUM</u>  <u>Vacuum</u></p>
226	1	<p><u>HYSTER</u>  <u>Hysterotomy/Hysterectomy</u></p>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
227	1	<u>DELMETH6</u> <u>Method of Delivery Recode</u>  1 ... Vaginal (excludes Vaginal after previous C-section 2 ... Vaginal birth after previous C-section 3 ... Primary C-section 4 ... Repeat C-Section 5 ... Hysterotomy/Hysterectomy 6 ... Not stated
228-244	17	<u>MEDRISK</u> <u>Medical Risk Factors</u>  Each risk factor is assigned a separate position, and the code structure for each risk factor (position) is:  1 ... Factor reported 2 ... Factor not reported 8 ... Factor not on certificate 9 ... Factor not classifiable
228	1	<u>ANEMIA</u> <u>Anemia (Hct.&lt;30/Hgb.&lt;10)</u>
229	1	<u>CARDIAC</u> <u>Cardiac disease</u>
230	1	<u>LUNG</u> <u>Acute or chronic lung disease</u>
231	1	<u>DIABETES</u> <u>Diabetes</u>
232	1	<u>HERPES</u> <u>Genital herpes</u>
233	1	<u>HYDRA</u> <u>Hydramnios/Oligohydramnios</u>
234	1	<u>HEMO</u> <u>Hemoglobinopathy</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
235	1	<u>CHYPER</u> <u>Hypertension, chronic</u>
236	1	<u>PHYPER</u> <u>Hypertension, pregnancy-associated</u>
237	1	<u>ECLAMP</u> <u>Eclampsia</u>
238	1	<u>INCERVIX</u> <u>Incompetent cervix</u>
239	1	<u>PRE4000</u> <u>Previous infant 4000+ grams</u>
240	1	<u>PRETERM</u> <u>Previous preterm or small-for-gestational-age infant</u>
241	1	<u>RENAL</u> <u>Renal disease</u>
242	1	<u>RH</u> <u>Rh sensitization</u>
243	1	<u>UTERINE</u> <u>Uterine bleeding</u>
244	1	<u>OTHERMR</u> <u>Other Medical Risk Factors</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
245-255	11	<u>OTHERRSK</u> <u>Other Risk Factors For This Pregnancy</u>
245-248	4	<u>TOBACRSK</u> <u>Tobacco Risks</u>
245	1	<u>TOBACCO</u> <u>Tobacco Use During Pregnancy</u>  1           ...    Yes 2           ...    No 9           ...    Unknown or not stated
246-247	2	<u>CIGAR</u> <u>Average Number of Cigarettes Per Day</u>  00-97       ...    As stated 98           ...    98 or more cigarettes per day 99           ...    Unknown or not stated
248	1	<u>CIGAR6</u> <u>Average Number of Cigarettes Per Day Recode</u>  0           ...    Non smoker 1           ...    1-5 cigarettes per day 2           ...    6-10 cigarettes per day 3           ...    11-20 cigarettes per day 4           ...    21-40 cigarettes per day 5           ...    41 or more cigarettes per day 6           ...    Unknown or not stated
249-252	4	<u>ALCOHRSK</u> <u>Alcohol</u>
249	1	<u>ALCOHOL</u> <u>Alcohol Use During Pregnancy</u>  1           ...    Yes 2           ...    No 9           ...    Unknown or not stated

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
250-251	2	<u>DRINK</u> <u>Average Number of Drinks Per Week</u> 00-97     ...     As stated 98        ...     98 or more drinks per week 99        ...     Unknown or not stated
252	1	<u>DRINK5</u> <u>Average Number of Drinks Per Week Recode</u> 0        ...     Non drinker 1        ...     1 drink per week 2        ...     2 drinks per week 3        ...     3-4 drinks per week 4        ...     5 or more drinks per week 5        ...     Unknown or not stated
253-255	3	<u>WTGANRSK</u> <u>Weight Gain During Pregnancy</u>
253-254	2	<u>WTGAIN</u> <u>Weight Gain</u> 00-97     ...     Stated number of pounds 98        ...     98 pounds or more 99        ...     Unknown or not stated
255	1	<u>WTGAIN8</u> <u>Weight Gain Recode</u> 1        ...     Less than 10 pounds 2        ...     10-14 pounds 3        ...     15-19 pounds 4        ...     20-24 pounds 5        ...     25-29 pounds 6        ...     30-34 pounds 7        ...     35 or more pounds 8        ...     Unknown or not stated



1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
256-262	7	<u>OBSTETRC</u> <u>Obstetric Procedures</u>  Each procedure is assigned a separate position, and the code structure for each procedure (position) is:  1 ... Procedure reported 2 ... Procedure not reported 8 ... Procedure not on certificate 9 ... Procedure not classifiable
256	1	<u>AMNIO</u> <u>Amniocentesis</u>
257	1	<u>MONITOR</u> <u>Electronic fetal monitoring</u>
258	1	<u>INDUCT</u> <u>Induction of labor</u>
259	1	<u>STIMULA</u> <u>Stimulation of labor</u>
260	1	<u>TOCOL</u> <u>Tocolysis</u>
261	1	<u>ULTRAS</u> <u>Ultrasound</u>
262	1	<u>OTHEROB</u> <u>Other Obstetric Procedures</u>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
263-278	16	<u>LABOR</u> <u>Complications of Labor and/or Delivery</u>  Each complication is assigned a separate position, and the code structure for each complication (position) is:  1 ... Complication reported 2 ... Complication not reported 8 ... Complication not on certificate 9 ... Complication not classifiable
263	1	<u>FEBRILE</u> <u>Febrile (&gt;100 degrees F. or 38 degrees C.)</u>
264	1	<u>MECONIUM</u> <u>Meconium</u>
265	1	<u>RUPTURE</u> <u>Premature rupture of membrane (&gt;12 hours)</u>
266	1	<u>ABRUPTIO</u> <u>Abruptio placenta</u>
267	1	<u>PREPLACE</u> <u>Placenta previa</u>
268	1	<u>EXCEBLD</u> <u>Other excessive bleeding</u>
269	1	<u>SEIZURE</u> <u>Seizures during labor</u>
270	1	<u>PRECIP</u> <u>Precipitous labor (&lt;3 hours)</u>
271	1	<u>PROLONG</u> <u>Prolonged labor (&gt;20 hours)</u>
272	1	<u>DYSFUNC</u> <u>Dysfunctional labor</u>
273	1	<u>BREECH</u> <u>Breech/Malpresentation</u>
274	1	<u>CEPHALO</u> <u>Cephalopelvic disproportion</u>
275	1	<u>CORD</u> <u>Cord prolapse</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
276	1	<u>ANESTHE</u> <u>Anesthetic complications</u>
277	1	<u>DISTRESS</u> <u>Fetal distress</u>
278	1	<u>OTHERLB</u> <u>Other Complication of Labor and/or Delivery</u>
279-300	22	<u>CONGENIT</u> <u>CONGENITAL ANOMALIES</u>
		Each anomaly is assigned a separate position, and the code structure for each anomaly (position) is:
		1 ... Anomaly reported
		2 ... Anomaly not reported
		8 ... Anomaly not on certificate
		9 ... Anomaly not classifiable
279	1	<u>ANEN</u> <u>Anencephalus</u>
280	1	<u>SPINA</u> <u>Spina bifida/Meningocele</u>
281	1	<u>HYDRO</u> <u>Hydrocephalus</u>
282	1	<u>MICROCE</u> <u>Microcephalus</u>
283	1	<u>NERVOUS</u> <u>Other central nervous system anomalies</u>
284	1	<u>HEART</u> <u>Heart malformations</u>
285	1	<u>CIRCUL</u> <u>Other circulatory/respiratory anomalies</u>
286	1	<u>RECTAL</u> <u>Rectal atresia/stenosis</u>
287	1	<u>TRACHEO</u> <u>Tracheo - esophageal fistula/Esophageal atresia</u>

1989 FETAL DEATHS  
 DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
288	1	<u>OMPHALO</u> <u>Omphalocele/Gastroschisis</u>
289	1	<u>GASTRO</u> <u>Other gastrointestinal anomalies</u>
290	1	<u>GENITAL</u> <u>Malformed genitalia</u>
291	1	<u>RENALAGE</u> <u>Renal agenesis</u>
292	1	<u>UROGEN</u> <u>Other urogenital anomalies</u>
293	1	<u>CLEFTLP</u> <u>Cleft lip/palate</u>
294	1	<u>ADACTYLY</u> <u>Polydactyly/Syndactyly/Adactyly</u>
295	1	<u>CLUBFOOT</u> <u>Club foot</u>
296	1	<u>HERNIA</u> <u>Diaphragmatic hernia</u>
297	1	<u>MUSCULO</u> <u>Other musculoskeletal/integumental anomalies</u>
298	1	<u>DOWNS</u> <u>Down's syndrome</u>
299	1	<u>CHROMO</u> <u>Other chromosomal anomalies</u>
300	1	<u>OTHERCON</u> <u>Other Congenital Anomalies</u>
301-314	14	<u>R5A</u> <u>Reserved Positions</u>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
315-339	25	<p><u>FLRES</u> <u>REPORTING FLAGS FOR PLACE OF RESIDENCE</u></p> <p>These positions contain flags to indicate whether or not the specified item is included in the report of fetal death of the State of residence identified in positions 31-32.</p> <p>The code structure for each flag (position) is:</p> <p>0 ... The item is not reported 1 ... The item is reported</p>
315	1	<p><u>GESTALL</u> <u>All Gestations Reported</u></p>
316	1	<p><u>ORIGM</u> <u>Origin of mother</u></p>
317	1	<p><u>ORIGF</u> <u>Origin of father</u></p>
318	1	<p><u>EDUCM</u> <u>Education of mother</u></p>
319	1	<p><u>EDUCF</u> <u>Education of father</u></p>
320	1	<p><u>LLBF</u> <u>Date of last live birth</u></p>
321	1	<p><u>DMARF</u> <u>Marital status</u></p>
322	1	<p><u>DATELMP</u> <u>Date of last normal menses</u></p>
323	1	<p><u>PNCF</u> <u>Month prenatal care began</u></p>
324	1	<p><u>PNVF</u> <u>Number of prenatal visits</u></p>
325	1	<p><u>GESTE</u> <u>Clinical estimate of gestation</u></p>
326	1	<p><u>DELMETRF</u> <u>Method of delivery</u></p>
327	1	<p><u>MEDRSK</u> <u>Medical risk factors</u></p>

1989 FETAL DEATHS  
DETAIL RECORD

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
328	1	<u>TOBUSE</u> <u>Tobacco use</u>
329	1	<u>CIGARSF</u> <u>Number of cigarettes</u>
330	1	<u>ALCUSE</u> <u>Alcohol use</u>
331	1	<u>DRINKSF</u> <u>Number of drinks</u>
332	1	<u>WTGN</u> <u>Weight gain</u>
333	1	<u>OBSTRC</u> <u>Obstetric procedures</u>
334	1	<u>CLABOR</u> <u>Complications of labor and/or delivery</u>
335	1	<u>CONGAN</u> <u>Congenital anomalies</u>
336	1	<u>UCF</u> <u>Underlying cause</u>
337	1	<u>PLURALF</u> <u>Plurality</u>
338-339	2	<u>R8</u> <u>Reserved positions</u>
340	1	<u>ALLGOCC</u> <u>ALL GESTATIONS REPORTING FLAG FOR PLACE OF OCCURRENCE</u>

This position indicates whether or not all gestation periods are reported by the State of occurrence identified in positions 15-16.

0 ... All gestations are not reported  
1 ... All gestations are reported

**1989 FETAL DEATHS  
DETAIL RECORD**

<u>Item Location</u>	<u>Item Length</u>	<u>Variable Name, Item and Code Outline</u>
341-356	16	<u>R8A</u> <u>Reserved Positions</u>
357-359	3	<u>SMSARES</u> <u>NCHS Standard Metropolitan Statistical Area (SMSA) OF Residence</u> <p>Based on residence of the mother. Standard Metropolitan Statistical Areas are those established by the U.S. Office of Management and Budget (OMB) using final 1980 Census population counts and identify SMSA's of 100,000 population or more. For New England, the New England County Metropolitan Areas (NECMS) are used.</p> <p>Further back in this document is a list of SMSA's and their component counties.</p> <p>000           ...    Nonmetropolitan counties  001-305       ...    The 305 SMSA's established for 1980  ZZZ           ...    Foreign residents</p>
360	1	<u>POPSMAS</u> <u>SMSA Population Size</u> <p>Based on the results of the 1980 Census.</p> <p>1            ...    SMSA of 250,000 and over  2            ...    SMSA of 100,000 to 250,000  9            ...    SMSA of less than 100,000 or                Nonmetropolitan area  Z            ...    Foreign resident</p>

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



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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
02						Alaska	02
	001	000	2	999	9	Aleutian Islands	010 0000
	002	011	1	001	3	Anchorage, coext. with Anchorage city	020 0380
	003	000	2	999	9	Bethel	050 0000
	004	000	2	999	9	Bristol Bay borough	060 0000
	005	000	2	999	9	Dillingham	070 0000
	006	000	2			Fairbanks North Star borough	090 0000
				002	6	Fairbanks	
				999	9	Balance of area	
	007	000	2	999	9	Haines borough	100 0000
	008	000	2	003	6	Juneau, coext. with Juneau city	110 0000
	009	000	2	999	9	Kenai Peninsula borough	122 0000
	010	000	2	999	9	Ketchikan Gateway borough	130 0000
	011	000	2	999	9	Kobuk	140 0000
	012	000	2	999	9	Kodiak Island borough	150 0000
	013	000	2	999	9	Matanuska-Susitna borough	170 0000
	014	000	2	999	9	Nome	180 0000
	015	000	2	999	9	North Slope borough	185 0000
	016	000	2	999	9	Prince of Wales-Outer Ketchikan	201 0000
	017	000	2	999	9	Sitka borough	220 0000
	018	000	2	999	9	Skagway-Yakutat-Angoon	231 0000
	019	000	2	999	9	Southeast Fairbanks	240 0000
	020	000	2	999	9	Valdez-Cordova	261 0000
	021	000	2	999	9	Wade Hampton	270 0000
	022	000	2	999	9	Wrangell-Petersburg	280 0000
	023	000	2	999	9	Yukon-Koyukuk	290 0000

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
03						Arizona	04		
	001	000	2	999	9	Apache		001	0000
	002	000	2			Cochise		003	0000
				003	6	Douglas			
				014	5	Sierra Vista			
				999	9	Balance of county			
	003	000	2			Coconino		005	0000
				004	5	Flagstaff			
				999	9	Balance of county			
	004	000	2	999	9	Gila		007	0000
	005	000	2	999	9	Graham		009	0000
	006	000	2	999	9	Greenlee		011	0000
	007	213	1			Maricopa		013	6200
				002	5	Chandler			
				005	4	Glendale			
				007	3	Mesa			
				009	6	Paradise Valley			
				010	6	Peoria			
				011	1	Phoenix			
				013	4	Scottsdale			
				015	3	Tempe			
				999	9	Balance of county			
	008	000	2			Mohave		015	0000
				006	6	Lake Havasu City			
				999	9	Balance of county			
	009	000	2	999	9	Navajo		017	0000
	010	281	1			Pima		019	8520
				016	2	Tucson			
				999	9	Balance of county			
	011	000	2			Pinal		021	0000
				001	6	Casa Grande			
				999	9	Balance of county			
	012	000	2			Santa Cruz		023	0000
				008	6	Nogales			
				999	9	Balance of county			
	013	000	2			Yavapai		025	0000
				012	6	Prescott			
				999	9	Balance of county			
	014	000	2			Yuma		027	0000
				017	5	Yuma			
				999	9	Balance of county			

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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
04					Arkansas	05
			999	9	Balance of county	
047	000	2			Mississippi	093 0000
			003	6	Blytheville	
			999	9	Balance of county	
048	000	2	999	9	Monroe	095 0000
049	000	2	999	9	Montgomery	097 0000
050	000	2	999	9	Nevada	099 0000
051	000	2	999	9	Newton	101 0000
052	000	2			Ouachita	103 0000
			004	6	Camden	
			999	9	Balance of county	
053	000	2	999	9	Perry	105 0000
054	000	2			Phillips	107 0000
			028	6	West Helena	
			999	9	Balance of county	
055	000	2	999	9	Pike	109 0000
056	000	2	999	9	Poinsett	111 0000
057	000	2	999	9	Polk	113 0000
058	000	2			Pope	115 0000
			021	6	Russellville	
			999	9	Balance of county	
059	000	2	999	9	Prairie	117 0000
060	157	1			Pulaski	119 4400
			012	5	Jacksonville	
			014	3	Little Rock	
			017	4	North Little Rock	
			023	6	Sherwood	
			999	9	Balance of county	
061	000	2	999	9	Randolph	121 0000
062	000	2			St. Francis	123 0000
			008	6	Forrest City	
			999	9	Balance of county	
063	157	1			Saline	125 4400
			002	6	Benton	
			999	9	Balance of county	
064	000	2	999	9	Scott	127 0000
065	000	2	999	9	Searcy	129 0000
066	098	1			Sebastian	131 2720
			009	4	Fort Smith	
			999	9	Balance of county	
067	000	2	999	9	Sevier	133 0000
068	000	2	999	9	Sharp	135 0000
069	000	2	999	9	Stone	137 0000
070	000	2			Union	139 0000
			006	5	El Dorado	
			999	9	Balance of county	
071	000	2	999	9	Van Buren	141 0000
072	091	1			Washington	143 2580
			007	5	Fayetteville	
			024	6	Springdale, part	
			999	9	Balance of county	
073	000	2			White	145 0000
			022	6	Searcy	
			999	9	Balance of county	
074	000	2	999	9	Woodruff	147 0000
075	000	2	999	9	Yell	149 0000

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
05					California	06		
	001	249	1		Alameda		001 7360	
			001	4	Alameda			
			002	6	Albany			
			022	3	Berkeley			
			071	3	Fremont			
			082	4	Hayward			
			107	5	Livermore			
			141	5	Newark			
			146	2	Oakland			
			163	6	Piedmont			
			168	5	Pleasanton			
			202	4	San Leandro			
			241	5	Union City			
			999	9	Balance of county			
	002	000	2	999	9	Alpine	003 0000	
	003	000	2	999	9	Amador	005 0000	
	004	059	1		Butte		007 1620	
			037	5	Chico			
			158	6	Paradise			
			999	9	Balance of county			
	005	000	2	999	9	Calaveras	009 0000	
	006	000	2	999	9	Colusa	011 0000	
	007	249	1		Contra Costa		013 7360	
			005	5	Antioch			
			045	3	Concord			
			061	6	El Cerrito			
			094	6	Lafayette			
			123	6	Martinez			
			136	6	Moraga Town			
			164	6	Pinole			
			165	5	Pittsburg			
			167	5	Pleasant Hill			
			180	4	Richmond			
			207	6	San Pablo			
			248	4	Walnut Creek			
			999	9	Balance of county			
	008	000	2	999	9	Del Norte	015 0000	
	009	000	2		El Dorado		017 0000	
			226	6	South Lake Tahoe			
			999	9	Balance of county			
	010	101	1		Fresno		019 2840	
			041	5	Clovis			
			072	3	Fresno			
			178	6	Reedley			
			199	6	Sanger			
			221	6	Selma			
			999	9	Balance of county			
	011	000	2	999	9	Glenn	021 0000	
	012	000	2		Humboldt		023 0000	
			007	6	Arcata			
			065	6	Eureka			
			999	9	Balance of county			
	013	000	2		Imperial		025 0000	
			024	6	Brawley			
			029	6	Calexico			
			060	6	El Centro			
			999	9	Balance of county			
	014	000	2	999	9	Inyo	027 0000	
	015	023	1		Kern		029 0680	
			013	3	Bakersfield			
			056	6	Delano			
			181	6	Ridgecrest			
			999	9	Balance of county			
	016	000	2		Kings		031 0000	
			079	6	Hanford			
			999	9	Balance of county			
	017	000	2	999	9	Lake	033 0000	
	018	000	2	999	9	Lassen	035 0000	
	019	161	1		Los Angeles		037 4480	
			003	4	Alhambra			
			006	5	Arcadia			
			009	6	Artesia			
			012	5	Azusa			
			014	4	Baldwin Park			

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

FIPS Codes  
 St Cnty SMSA

05

California

06

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

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



Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City P/S			St Cnty	SMSA
05					California		06
				038 5	Chino		
				042 5	Colton		
				068 5	Fontana		
				109 6	Loma Linda		
				132 6	Montclair		
				148 4	Ontario		
				172 4	Rancho Cucamonga		
				175 5	Redlands		
				179 5	Rialto		
				189 3	San Bernardino		
				242 5	Upland		
				245 6	Victorville		
				999 9	Balance of county		
037	248	1			San Diego	073	7320
				032 5	Carlsbad		
				039 4	Chula Vista		
				047 6	Coronado		
				059 4	El Cajon		
				064 4	Escondido		
				089 6	Imperial Beach		
				098 4	La Mesa		
				106 6	Lemon Grove		
				140 5	National City		
				147 4	Oceanside		
				194 1	San Diego		
				204 6	San Marcos		
				247 5	Vista		
				999 9	Balance of county		
038	249	1		197 1	San Francisco, coext. with San Francisco city	075	7360
039	271	1			San Joaquin	077	8120
				108 5	Lodi		
				121 6	Manteca		
				230 3	Stockton		
				236 6	Tracy		
				999 9	Balance of county		
040	000	2			San Luis Obispo	079	0000
				008 6	Arroyo Grande		
				010 6	Atascadero		
				203 5	San Luis Obispo		
				999 9	Balance of county		
041	249	1			San Mateo	081	7360
				020 6	Belmont		
				028 5	Burlingame		
				054 4	Daly City		
				069 6	Foster City		
				085 6	Hillsborough		
				125 5	Menlo Park		
				127 6	Millbrae		
				151 5	Pacifica		
				177 4	Redwood City		
				190 5	San Bruno		
				192 6	San Carlos		
				206 4	San Mateo		
				228 5	South San Francisco		
				999 9	Balance of county		
042	251	1			Santa Barbara	083	7480
				033 6	Carpinteria		
				111 5	Lompoc		
				210 4	Santa Barbara		
				214 5	Santa Maria		
				999 9	Balance of county		
043	250	1			Santa Clara	085	7400
				031 5	Campbell		
				052 5	Cupertino		
				076 6	Gilroy		
				114 5	Los Altos		
				117 5	Los Gatos		
				129 5	Milpitas		
				137 6	Morgan Hill		
				138 4	Mountain View		
				156 4	Palo Alto		
				200 1	San Jose		
				211 4	Santa Clara		
				218 5	Saratoga		

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

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
06						Colorado	08		
				999	9	Balance of county			
039	000	2				Mesa	077	0000	
				014	5	Grand Junction			
				999	9	Balance of county			
040	000	2		999	9	Mineral	079	0000	
041	000	2		999	9	Moffat	081	0000	
042	000	2		999	9	Montezuma	083	0000	
043	000	2		999	9	Montrose	085	0000	
044	000	2		999	9	Morgan	087	0000	
045	000	2		999	9	Otero	089	0000	
046	000	2		999	9	Ouray	091	0000	
047	000	2		999	9	Park	093	0000	
048	000	2		999	9	Phillips	095	0000	
049	000	2		999	9	Pitkin	097	0000	
050	000	2		999	9	Prowers	099	0000	
051	223	1				Pueblo	101	6560	
				021	3	Pueblo			
				999	9	Balance of county			
052	000	2		999	9	Rio Blanco	103	0000	
053	000	2		999	9	Rio Grande	105	0000	
054	000	2		999	9	Routt	107	0000	
055	000	2		999	9	Saguache	109	0000	
056	000	2		999	9	San Juan	111	0000	
057	000	2		999	9	San Miguel	113	0000	
058	000	2		999	9	Sedgwick	115	0000	
059	000	2		999	9	Summit	117	0000	
060	063	1		999	9	Teller	119	1720	
061	000	2		999	9	Washington	121	0000	
062	110	1				Weld	123	3060	
				004	6	Brighton, part			
				015	4	Greeley			
				999	9	Balance of county			
063	000	2		999	9	Yuma	125	0000	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
07						Connecticut	09		
	001	043	1			Fairfield		001	1163
				003	3	Bridgeport			
				005	4	Danbury			
				006	6	Darien town			
				011	4	Fairfield town			
				012	4	Greenwich town			
				026	4	Norwalk			
				031	5	Shelton			
				033	3	Stamford			
				034	4	Stratford town			
				036	5	Trumbull town			
				042	5	Westport town			
				999	9	Balance of county			
	002	117	1			Hartford		003	3283
				004	4	Bristol			
				008	4	East Hartford town			
				010	5	Enfield town			
				015	3	Hartford			
				016	5	Manchester town			
				021	4	New Britain			
				023	5	Newington town			
				029	6	Plainville town			
				030	6	Rocky Hill town			
				032	5	Southington town			
				040	4	West Hartford town			
				043	5	Wethersfield town			
				045	5	Windsor town			
				046	6	Windsor Locks town			
				999	9	Balance of county			
	003	000	2			Litchfield		005	0000
				035	5	Torrington			
				999	9	Balance of county			
	004	117	1			Middlesex		007	3283
				018	5	Middletown			
				999	9	Balance of county			
	005	187	1			New Haven		009	5483
				001	6	Ansonia			
				002	6	Branford town			
				007	6	Derby			
				009	5	East Haven town			
				014	4	Hamden town			
				017	4	Meriden			
				019	5	Milford			
				020	5	Naugatuck			
				022	3	New Haven			
				025	6	North Haven town			
				028	6	Orange town			
				038	5	Wallingford town			
				039	3	Waterbury			
				041	4	West Haven			
				999	9	Balance of county			
	006	188	1			New London		011	5523
				013	6	Groton			
				024	5	New London			
				027	5	Norwich			
				999	9	Balance of county			
	007	117	1			Tolland		013	3283
				037	5	Vernon town			
				999	9	Balance of county			
	008	000	2			Windham		015	0000
				044	6	Willimantic			
				999	9	Balance of county			

Vital Statistics Codes						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
08						Delaware			
	001	000	2			Kent	10		
				001	6	Dover		001	0000
				999	9	Balance of county			
	002	299	1			New Castle		003	9160
				002	5	Newark			
				003	4	Wilmington			
				999	9	Balance of county			
	003	000	2	999	9	Sussex		005	0000

Vital Statistics Codes							FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
09	001	291	1	001	1	District of Columbia	11	001	8840

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
10						Florida	12		
	001	103	1			Alachua		001	2900
				026	4	Gainesville			
				999	9	Balance of county			
	002	127	1			Baker		003	3600
	003	205	1			Bay		005	6015
				066	5	Panama City			
				999	9	Balance of county			
	004	000	2			Bradford		007	0000
	005	171	1			Brevard		009	4900
				010	6	Cocoa			
				011	6	Cocoa Beach			
				046	5	Melbourne			
				064	6	Palm Bay			
				076	6	Rockledge			
				089	5	Titusville			
				999	9	Balance of county			
	006	096	1			Broward		011	2680
				012	6	Cooper City			
				014	5	Coral Springs			
				015	6	Dania			
				016	6	Davie			
				018	5	Deerfield Beach			
				022	3	Fort Lauderdale			
				029	5	Hallandale, part			
				031	3	Hollywood			
				040	5	Lauderdale Lakes			
				041	5	Lauderhill			
				043	6	Lighthouse Point			
				045	5	Margate			
				050	5	Miramar			
				054	6	North Lauderdale			
				058	6	Oakland Park			
				067	5	Pembroke Pines			
				070	5	Plantation			
				072	4	Pompano Beach			
				083	5	Sunrise			
				085	5	Tamarac			
				093	6	Wilton Manors			
				999	9	Balance of county			
	007	000	2			Calhoun		013	0000
	008	000	2			Charlotte		015	0000
	009	000	2			Citrus		017	0000
	010	127	1			Clay		019	3600
	011	000	2			Collier		021	0000
				051	6	Naples			
				999	9	Balance of county			
	012	000	2			Columbia		023	0000
	013	173	1			Dade		025	5000
				013	5	Coral Gables			
				029	5	Hallandale, part			
				030	3	Hialeah			
				032	6	Homestead			
				047	2	Miami			
				048	4	Miami Beach			
				049	6	Miami Springs			
				055	5	North Miami			
				056	5	North Miami Beach			
				060	6	Opa-locka			
				082	6	South Miami			
				999	9	Balance of county			
	014	000	2			De Soto		027	0000
	015	000	2			Dixie		029	0000
	016	127	1			Duval		031	3600
				033	1	Jacksonville			
				034	6	Jacksonville Beach			
				999	9	Balance of county			
	017	209	1			Escambia		033	6080
				068	4	Pensacola			
				999	9	Balance of county			
	018	000	2			Flagler		035	0000
	019	000	2			Franklin		037	0000
	020	000	2			Gadsden		039	0000
	021	000	2			Gilchrist		041	0000
	022	000	2			Glades		043	0000



Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
10					Florida	12	
	023	000	2	999 9	Gulf	045	0000
	024	000	2	999 9	Hamilton	047	0000
	025	000	2	999 9	Hardee	049	0000
	026	000	2	999 9	Hendry	051	0000
	027	000	2	999 9	Hernando	053	0000
	028	000	2	999 9	Highlands	055	0000
	029	275	1		Hillsborough	057	8280
				071 6	Plant City		
				086 2	Tampa		
				088 6	Temple Terrace		
				999 9	Balance of county		
	030	000	2	999 9	Holmes	059	0000
	031	000	2		Indian River	061	0000
				091 6	Vero Beach		
				999 9	Balance of county		
	032	000	2	999 9	Jackson	063	0000
	033	000	2	999 9	Jefferson	065	0000
	034	000	2	999 9	Lafayette	067	0000
	035	000	2		Lake	069	0000
				042 6	Leesburg		
				999 9	Balance of county		
	036	097	1		Lee	071	2700
				007 5	Cape Coral		
				023 5	Fort Myers		
				999 9	Balance of county		
	037	274	1		Leon	073	8240
				084 4	Tallahassee		
				999 9	Balance of county		
	038	000	2	999 9	Levy	075	0000
	039	000	2	999 9	Liberty	077	0000
	040	000	2	999 9	Madison	079	0000
	041	041	1		Manatee	081	1140
				006 5	Bradenton		
				999 9	Balance of county		
	042	197	1		Marion	083	5790
				059 5	Ocala		
				999 9	Balance of county		
	043	000	2	999 9	Martin	085	0000
	044	000	2		Monroe	087	0000
				035 6	Key West		
				999 9	Balance of county		
	045	127	1	999 9	Nassau	089	3600
	046	099	1		Okaloosa	091	2750
				025 6	Fort Walton Beach		
				999 9	Balance of county		
	047	000	2	999 9	Okeechobee	093	0000
	048	202	1		Orange	095	5960
				061 3	Orlando		
				095 6	Winter Park		
				999 9	Balance of county		
	049	202	1		Osceola	097	5960
				036 6	Kissimmee		
				999 9	Balance of county		
	050	294	1		Palm Beach	099	8960
				003 6	Belle Glade		
				004 5	Boca Raton		
				005 5	Boynton Beach		
				020 5	Delray Beach		
				038 5	Lake Worth		
				057 6	North Palm Beach		
				065 6	Palm Beach Gardens		
				075 5	Riviera Beach		
				092 4	West Palm Beach		
				999 9	Balance of county		
	051	275	1		Pasco	101	8280
				052 6	New Port Richey		
				999 9	Balance of county		
	052	275	1		Pinellas	103	8280
				009 4	Clearwater		
				021 5	Dunedin		
				027 6	Gulfport		
				039 4	Largo		
				069 5	Pinellas Park		
				078 3	St. Petersburg		

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

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
11						Georgia	13		
				014	6	Decatur			
				999	9	Balance of county			
045	000	2		999	9	Dodge	091	0000	
046	000	2		999	9	Dooly	093	0000	
047	003	1				Dougherty	095	0120	
				001	4	Albany			
				999	9	Balance of county			
048	019	1		999	9	Douglas	097	0520	
049	000	2		999	9	Early	099	0000	
050	000	2		999	9	Echols	101	0000	
051	255	1		999	9	Effingham	103	7520	
052	000	2		999	9	Elbert	105	0000	
053	000	2		999	9	Emanuel	107	0000	
054	000	2		999	9	Evans	109	0000	
055	000	2		999	9	Fannin	111	0000	
056	019	1		999	9	Fayette	113	0520	
057	000	2				Floyd	115	0000	
				029	5	Rome			
				999	9	Balance of county			
058	019	1		999	9	Forsyth	117	0520	
059	000	2		999	9	Franklin	119	0000	
060	019	1				Fulton	121	0520	
				004	2	Atlanta, part			
				009	6	College Park, part			
				017	5	East Point			
				030	6	Roswell			
				999	9	Balance of county			
061	000	2		999	9	Gilmer	123	0000	
062	000	2		999	9	Glascok	125	0000	
063	000	2				Glynn	127	0000	
				007	6	Brunswick			
				999	9	Balance of county			
064	000	2		999	9	Gordon	129	0000	
065	000	2		999	9	Grady	131	0000	
066	000	2		999	9	Greene	133	0000	
067	019	1		999	9	Gwinnett	135	0520	
068	000	2		999	9	Habersham	137	0000	
069	000	2				Hall	139	0000	
				020	6	Gainesville			
				999	9	Balance of county			
070	000	2		999	9	Hancock	141	0000	
071	000	2		999	9	Haralson	143	0000	
072	000	2		999	9	Harris	145	0000	
073	000	2		999	9	Hart	147	0000	
074	000	2		999	9	Heard	149	0000	
075	019	1		999	9	Henry	151	0520	
076	165	1				Houston	153	4680	
				038	5	Warner Robins			
				999	9	Balance of county			
077	000	2				Irwin	155	0000	
				018	6	Fitzgerald, part			
				999	9	Balance of county			
078	018	1		999	9	Jackson	157	0500	
079	000	2		999	9	Jasper	159	0000	
080	000	2		999	9	Jeff Davis	161	0000	
081	000	2		999	9	Jefferson	163	0000	
082	000	2		999	9	Jenkins	165	0000	
083	000	2		999	9	Johnson	167	0000	
084	165	1				Jones	169	4680	
				024	3	Macon, part			
				999	9	Balance of county			
085	000	2		999	9	Lamar	171	0000	
086	000	2		999	9	Lanier	173	0000	
087	000	2				Laurens	175	0000	
				016	6	Dublin			
				999	9	Balance of county			
088	003	1		999	9	Lee	177	0120	
089	000	2				Liberty	179	0000	
				022	6	Hinesville			
				999	9	Balance of county			
090	000	2		999	9	Lincoln	181	0000	
091	000	2		999	9	Long	183	0000	
092	000	2				Lowndes	185	0000	
				036	5	Valdosta			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
11					Georgia	13		
			999	9	Balance of county			
093	000	2	999	9	Lumpkin	187	0000	
094	000	2	999	9	McDuffie	189	0000	
095	000	2	999	9	McIntosh	191	0000	
096	000	2	999	9	Macon	193	0000	
097	018	1	999	9	Madison	195	0500	
098	000	2	999	9	Marion	197	0000	
099	000	2	999	9	Meriwether	199	0000	
100	000	2	999	9	Miller	201	0000	
101	000	2	999	9	Mitchell	205	0000	
102	000	2	999	9	Monroe	207	0000	
103	000	2			Montgomery	209	0000	
			037	6	Vidalia, part			
			999	9	Balance of county			
104	000	2	999	9	Morgan	211	0000	
105	000	2	999	9	Murray	213	0000	
106	066	1			Muscogee	215	1800	
			010	3	Columbus			
			999	9	Balance of county			
107	019	1			Newton	217	0520	
			012	6	Covington			
			999	9	Balance of county			
108	018	1	999	9	Oconee	219	0500	
109	000	2	999	9	Oglethorpe	221	0000	
110	019	1	999	9	Paulding	223	0520	
111	000	2	999	9	Peach	225	0000	
112	000	2	999	9	Pickens	227	0000	
113	000	2	999	9	Pierce	229	0000	
114	000	2	999	9	Pike	231	0000	
115	000	2	999	9	Polk	233	0000	
116	000	2	999	9	Pulaski	235	0000	
117	000	2	999	9	Putnam	237	0000	
118	000	2	999	9	Quitman	239	0000	
119	000	2	999	9	Rabun	241	0000	
120	000	2	999	9	Randolph	243	0000	
121	021	1			Richmond	245	0600	
			005	5	Augusta			
			999	9	Balance of county			
122	019	1	999	9	Rockdale	247	0520	
123	000	2	999	9	Schley	249	0000	
124	000	2	999	9	Screven	251	0000	
125	000	2	999	9	Seminole	253	0000	
126	000	2			Spalding	255	0000	
			021	6	Griffin			
			999	9	Balance of county			
127	000	2	999	9	Stephens	257	0000	
128	000	2	999	9	Stewart	259	0000	
129	000	2			Sumter	261	0000	
			002	6	Americus			
			999	9	Balance of county			
130	000	2	999	9	Talbot	263	0000	
131	000	2	999	9	Taliaferro	265	0000	
132	000	2	999	9	Tattnall	267	0000	
133	000	2	999	9	Taylor	269	0000	
134	000	2	999	9	Telfair	271	0000	
135	000	2	999	9	Terrell	273	0000	
136	000	2			Thomas	275	0000	
			034	6	Thomasville			
			999	9	Balance of county			
137	000	2			Tift	277	0000	
			035	6	Tifton			
			999	9	Balance of county			
138	000	2			Toombs	279	0000	
			037	6	Vidalia, part			
			999	9	Balance of county			
139	000	2	999	9	Towns	281	0000	
140	000	2	999	9	Treutlen	283	0000	
141	000	2			Troup	285	0000	
			023	6	La Grange			
			999	9	Balance of county			
142	000	2	999	9	Turner	287	0000	
143	165	1	999	9	Twiggs	289	4680	
144	000	2	999	9	Union	291	0000	
145	000	2	999	9	Upson	293	0000	

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
11					Georgia	13	
146	057	1	999	9	Walker	295	1560
147	019	1	999	9	Walton	297	0520
148	000	2			Ware	299	0000
			039	6	Waycross		
			999	9	Balance of county		
149	000	2	999	9	Warren	301	0000
150	000	2	999	9	Washington	303	0000
151	000	2	999	9	Wayne	305	0000
152	000	2	999	9	Webster	307	0000
153	000	2	999	9	Wheeler	309	0000
154	000	2	999	9	White	311	0000
155	000	2			Whitfield	313	0000
			013	6	Dalton		
			999	9	Balance of county		
156	000	2	999	9	Wilcox	315	0000
157	000	2	999	9	Wilkes	317	0000
158	000	2	999	9	Wilkinson	319	0000
159	000	2	999	9	Worth	321	0000

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

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



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

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

Vital Statistics Codes					FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
14					Illinois	17	
			168	5	Wheaton		
			172	6	Wood Dale		
			173	6	Woodridge		
			999	9	Balance of county		
023	000	2	999	9	Edgar	045	0000
024	000	2	999	9	Edwards	047	0000
025	000	2			Effingham	049	0000
			053	6	Effingham		
			999	9	Balance of county		
026	000	2	999	9	Fayette	051	0000
027	000	2	999	9	Ford	053	0000
028	000	2	999	9	Franklin	055	0000
029	000	2			Fulton	057	0000
			025	6	Canton		
			999	9	Balance of county		
030	000	2	999	9	Gallatin	059	0000
031	000	2	999	9	Greene	061	0000
032	000	2	999	9	Grundy	063	0000
033	000	2	999	9	Hamilton	065	0000
034	000	2	999	9	Hancock	067	0000
035	000	2	999	9	Hardin	069	0000
036	000	2	999	9	Henderson	071	0000
037	072	1			Henry	073	1960
			084	6	Kewanee		
			999	9	Balance of county		
038	000	2	999	9	Iroquois	075	0000
039	000	2			Jackson	077	0000
			026	5	Carbondale		
			999	9	Balance of county		
040	000	2	999	9	Jasper	079	0000
041	000	2			Jefferson	081	0000
			110	6	Mount Vernon		
			999	9	Balance of county		
042	000	2	999	9	Jersey	083	0000
043	000	2	999	9	Jo Daviess	085	0000
044	000	2	999	9	Johnson	087	0000
045	058	1			Kane	089	1600
			005	4	Aurora, part		
			007	6	Batavia, part		
			028	6	Carpentersville		
			054	4	Elgin, part		
			147	6	St. Charles, part		
			999	9	Balance of county		
046	135	1			Kankakee	091	3740
			017	6	Bourbonnais		
			018	6	Bradley		
			083	5	Kankakee		
			999	9	Balance of county		
047	000	2	999	9	Kendall	093	0000
048	000	2			Knox	095	0000
			064	5	Galesburg		
			999	9	Balance of county		
049	058	1			Lake	097	1600
			004	4	Arlington Heights, part		
			021	6	Buffalo Grove, part		
			043	6	Deerfield, part		
			076	5	Highland Park		
			087	6	Lake Forest		
			090	6	Libertyville		
			111	6	Mundelein		
			117	5	North Chicago		
			146	6	Round Lake Beach		
			163	4	Waukegan		
			169	6	Wheeling, part		
			177	6	Zion		
			999	9	Balance of county		
050	000	2			La Salle	099	0000
			089	6	La Salle		
			124	6	Ottawa		
			132	6	Peru		
			156	6	Streator, part		
			999	9	Balance of county		
051	000	2	999	9	Lawrence	101	0000
052	000	2			Lee	103	0000
			046	6	Dixon		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
14					Illinois	17	
				999 9	Balance of county		
	053	000		2	Livingston	105	0000
				133 6	Pontiac		
				156 6	Streator, part		
				999 9	Balance of county		
	054	000		2	Logan	107	0000
				091 6	Lincoln		
				999 9	Balance of county		
	055	000		2	McDonough	109	0000
				097 6	Macomb		
				999 9	Balance of county		
	056	058		1	McHenry	111	1600
				039 6	Crystal Lake		
				096 6	McHenry		
				175 6	Woodstock		
				999 9	Balance of county		
	057	038		1	McLean	113	1040
				014 5	Bloomington		
				114 5	Normal		
				999 9	Balance of county		
	058	075		1	Macon	115	2040
				042 4	Decatur		
				999 9	Balance of county		
	059	000		2	Macoupin	117	0000
	060	241		1	Madison	119	7040
				003 5	Alton		
				036 6	Collinsville, part		
				052 6	Edwardsville		
				069 5	Granite City		
				174 6	Wood River		
				999 9	Balance of county		
	061	000		2	Marion	121	0000
				029 6	Centralia, part		
				999 9	Balance of county		
	062	000		2	Marshall	123	0000
	063	000		2	Mason	125	0000
	064	000		2	Massac	127	0000
	065	265		1	Menard	129	7880
	066	000		2	Mercer	131	0000
	067	241		1	Monroe	133	7040
	068	000		2	Montgomery	135	0000
	069	000		2	Morgan	137	0000
				080 6	Jacksonville		
				999 9	Balance of county		
	070	000		2	Moultrie	139	0000
	071	000		2	Ogle	141	0000
	072	210		1	Peoria	143	6120
				130 5	Pekin, part		
				131 3	Peoria		
				999 9	Balance of county		
	073	000		2	Perry	145	0000
	074	000		2	Piatt	147	0000
	075	000		2	Pike	149	0000
	076	000		2	Pope	151	0000
	077	000		2	Pulaski	153	0000
	078	000		2	Putnam	155	0000
	079	000		2	Randolph	157	0000
	080	000		2	Richland	159	0000
	081	072		1	Rock Island	161	1960
				049 6	East Moline		
				105 5	Moline		
				142 5	Rock Island		
				999 9	Balance of county		
	082	241		1	St. Clair	163	7040
				008 5	Belleville		
				023 6	Cahokia		
				036 6	Collinsville, part		
				051 4	East St. Louis		
				060 6	Fairview Heights		
				122 6	O'Fallon		
				999 9	Balance of county		
	083	000		2	Saline	165	0000
				071 6	Harrisburg		
				999 9	Balance of county		

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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
15						Indiana	18
	001	100	1	999	9	Adams	001 2760
	002	100	1			Allen	003 2760
				015	3	Fort Wayne	
				999	9	Balance of county	
	003	000	2			Bartholomew	005 0000
				007	5	Columbus	
				999	9	Balance of county	
	004	000	2	999	9	Benton	007 0000
	005	000	2	999	9	Blackford	009 0000
	006	123	1			Boone	011 3480
				034	6	Lebanon	
				999	9	Balance of county	
	007	000	2	999	9	Brown	013 0000
	008	000	2	999	9	Carroll	015 0000
	009	000	2			Cass	017 0000
				035	6	Logansport	
				999	9	Balance of county	
	010	162	1			Clark	019 4520
				006	6	Clarksville	
				028	6	Jeffersonville	
				999	9	Balance of county	
	011	276	1	999	9	Clay	021 8320
	012	000	2			Clinton	023 0000
				016	6	Frankfort	
				999	9	Balance of county	
	013	000	2	999	9	Crawford	025 0000
	014	000	2			Daviess	027 0000
				060	6	Washington	
				999	9	Balance of county	
	015	060	1	999	9	Dearborn	029 1640
	016	000	2	999	9	Decatur	031 0000
	017	100	1	999	9	De Kalb	033 2760
	018	181	1			Delaware	035 5280
				042	4	Muncie	
				999	9	Balance of county	
	019	000	2	999	9	Dubois	037 0000
	020	083	1			Elkhart	039 2330
				012	5	Elkhart	
				019	6	Goshen	
				999	9	Balance of county	
	021	000	2			Fayette	041 0000
				008	6	Connersville	
				999	9	Balance of county	
	022	162	1			Floyd	043 4520
				044	5	New Albany	
				999	9	Balance of county	
	023	000	2	999	9	Fountain	045 0000
	024	000	2	999	9	Franklin	047 0000
	025	000	2	999	9	Fulton	049 0000
	026	088	1	999	9	Gibson	051 2440
	027	000	2			Grant	053 0000
				037	5	Marion	
				999	9	Balance of county	
	028	000	2	999	9	Greene	055 0000
	029	123	1			Hamilton	057 3480
				005	6	Carmel	
				046	6	Noblesville	
				999	9	Balance of county	
	030	123	1			Hancock	059 3480
				020	6	Greenfield	
				999	9	Balance of county	
	031	000	2	999	9	Harrison	061 0000
	032	123	1	999	9	Hendricks	063 3480
	033	000	2			Henry	065 0000
				045	6	New Castle	
				999	9	Balance of county	
	034	140	1			Howard	067 3850
				029	5	Kokomo	
				999	9	Balance of county	
	035	000	2			Huntington	069 0000
				026	6	Huntington	
				999	9	Balance of county	
	036	000	2			Jackson	071 0000
				051	6	Seymour	

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
15					Indiana	18	
			999	9	Balance of county		
037	000	2	999	9	Jasper	073	0000
038	000	2	999	9	Jay	075	0000
039	000	2			Jefferson	077	0000
			036	6	Madison		
			999	9	Balance of county		
040	000	2	999	9	Jennings	079	0000
041	123	1			Johnson	081	3480
			017	6	Franklin		
			021	6	Greenwood		
			999	9	Balance of county		
042	000	2			Knox	083	0000
			057	6	Vincennes		
			999	9	Balance of county		
043	000	2			Kosciusko	085	0000
			059	6	Warsaw		
			999	9	Balance of county		
044	000	2	999	9	Lagrange	087	0000
045	105	1			Lake	089	2960
			010	6	Crown Point		
			011	5	East Chicago		
			018	3	Gary		
			022	6	Griffith		
			023	4	Hammond		
			024	5	Highland		
			025	6	Hobart		
			031	6	Lake Station		
			039	5	Merrillville		
			043	6	Munster		
			050	6	Schererville		
			999	9	Balance of county		
046	000	2			La Porte	091	0000
			032	6	La Porte		
			040	5	Michigan City		
			999	9	Balance of county		
047	000	2			Lawrence	093	0000
			002	6	Bedford		
			999	9	Balance of county		
048	012	1			Madison	095	0400
			001	4	Anderson		
			013	6	Elwood, part		
			999	9	Balance of county		
049	123	1			Marion	097	3480
			003	6	Beech Grove		
			027	1	Indianapolis		
			033	5	Lawrence		
			054	6	Speedway		
			999	9	Balance of county		
050	263	1	999	9	Marshall	099	7800
051	000	2	999	9	Martin	101	0000
052	000	2			Miami	103	0000
			047	6	Peru		
			999	9	Balance of county		
053	037	1			Monroe	105	1020
			004	4	Bloomington		
			999	9	Balance of county		
054	000	2			Montgomery	107	0000
			009	6	Crawfordsville		
			999	9	Balance of county		
055	123	1			Morgan	109	3480
			038	6	Martinsville		
			999	9	Balance of county		
056	000	2	999	9	Newton	111	0000
057	000	2	999	9	Noble	113	0000
058	000	2	999	9	Ohio	115	0000
059	000	2	999	9	Orange	117	0000
060	000	2	999	9	Owen	119	0000
061	000	2	999	9	Parke	121	0000
062	000	2	999	9	Perry	123	0000
063	000	2	999	9	Pike	125	0000
064	105	1			Porter	127	2960
			048	5	Portage		
			056	6	Valparaiso		
			999	9	Balance of county		

Vital Statistics Codes					FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
15					Indiana	18
	065	088	1	999 9	Posey	129 2440
	066	000	2	999 9	Pulaski	131 0000
	067	000	2	999 9	Putnam	133 0000
	068	000	2	999 9	Randolph	135 0000
	069	000	2	999 9	Ripley	137 0000
	070	000	2	999 9	Rush	139 0000
	071	263	1		St. Joseph	141 7800
				041 5	Mishawaka	
				053 3	South Bend	
				999 9	Balance of county	
	072	000	2	999 9	Scott	143 0000
	073	123	1		Shelby	145 3480
				052 6	Shelbyville	
				999 9	Balance of county	
	074	000	2	999 9	Spencer	147 0000
	075	000	2	999 9	Starke	149 0000
	076	000	2	999 9	Steuben	151 0000
	077	276	1	999 9	Sullivan	153 8320
	078	000	2	999 9	Switzerland	155 0000
	079	143	1		Tiptecanoe	157 3920
				030 5	Lafayette	
				061 6	West Lafayette	
				999 9	Balance of county	
	080	140	1		Tipton	159 3850
				013 6	Elwood, part	
				999 9	Balance of county	
	081	000	2	999 9	Union	161 0000
	082	088	1		Vanderburgh	163 2440
				014 3	Evansville	
				999 9	Balance of county	
	083	276	1	999 9	Vermillion	165 8320
	084	276	1		Vigo	167 8320
				055 4	Terre Haute	
				999 9	Balance of county	
	085	000	2		Wabash	169 0000
				058 6	Wabash	
				999 9	Balance of county	
	086	000	2	999 9	Warren	171 0000
	087	088	1	999 9	Warrick	173 2440
	088	000	2	999 9	Washington	175 0000
	089	000	2		Wayne	177 0000
				049 5	Richmond	
				999 9	Balance of county	
	090	100	1	999 9	Wells	179 2760
	091	000	2	999 9	White	181 0000
	092	000	2	999 9	Whitley	183 0000



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

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

Vital Statistics Codes

FIPS Codes

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

St Cnty SMSA

16

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

19

195	0000
197	0000

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
17						Kansas	20		
				024	5	Olathe			
				026	4	Overland Park			
				029	6	Prairie Village			
				031	5	Shawnee			
				999	9	Balance of county			
047	000	2		999	9	Kearny	093	0000	
048	000	2		999	9	Kingman	095	0000	
049	000	2		999	9	Kiowa	097	0000	
050	000	2				Labette	099	0000	
				027	6	Parsons			
				999	9	Balance of county			
051	000	2		999	9	Lane	101	0000	
052	000	2				Leavenworth	103	0000	
				016	5	Leavenworth			
				999	9	Balance of county			
053	000	2		999	9	Lincoln	105	0000	
054	000	2		999	9	Linn	107	0000	
055	000	2		999	9	Logan	109	0000	
056	000	2				Lyon	111	0000	
				007	5	Emporia			
				999	9	Balance of county			
057	000	2				McPherson	113	0000	
				020	6	McPherson			
				999	9	Balance of county			
058	000	2		999	9	Marion	115	0000	
059	000	2		999	9	Marshall	117	0000	
060	000	2		999	9	Meade	119	0000	
061	000	2		999	9	Miami	121	0000	
062	000	2		999	9	Mitchell	123	0000	
063	000	2				Montgomery	125	0000	
				004	6	Coffeyville			
				012	6	Independence			
				999	9	Balance of county			
064	000	2		999	9	Morris	127	0000	
065	000	2		999	9	Morton	129	0000	
066	000	2		999	9	Nemaha	131	0000	
067	000	2				Neosho	133	0000	
				003	6	Chanute			
				999	9	Balance of county			
068	000	2		999	9	Ness	135	0000	
069	000	2		999	9	Norton	137	0000	
070	279	1		999	9	Osage	139	8440	
071	000	2		999	9	Osborne	141	0000	
072	000	2		999	9	Ottawa	143	0000	
073	000	2		999	9	Pawnee	145	0000	
074	000	2		999	9	Phillips	147	0000	
075	000	2				Pottawatomie	149	0000	
				021	5	Manhattan, part			
				999	9	Balance of county			
076	000	2		999	9	Pratt	151	0000	
077	000	2		999	9	Rawlins	153	0000	
078	000	2				Reno	155	0000	
				011	5	Hutchinson			
				999	9	Balance of county			
079	000	2		999	9	Republic	157	0000	
080	000	2		999	9	Rice	159	0000	
081	000	2				Riley	161	0000	
				021	5	Manhattan, part			
				999	9	Balance of county			
082	000	2		999	9	Rooks	163	0000	
083	000	2		999	9	Rush	165	0000	
084	000	2		999	9	Russell	167	0000	
085	000	2				Saline	169	0000	
				030	5	Salina			
				999	9	Balance of county			
086	000	2		999	9	Scott	171	0000	
087	296	1				Sedgwick	173	9040	
				033	2	Wichita			
				999	9	Balance of county			
088	000	2				Seward	175	0000	
				019	6	Liberal			
				999	9	Balance of county			
089	279	1				Shawnee	177	8440	
				032	3	Topeka			

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
17						Kansas	20
				999	9	Balance of county	
	090	000	2	999	9	Sheridan	179 0000
	091	000	2	999	9	Sherman	181 0000
	092	000	2	999	9	Smith	183 0000
	093	000	2	999	9	Stafford	185 0000
	094	000	2	999	9	Stanton	187 0000
	095	000	2	999	9	Stevens	189 0000
	096	000	2	999	9	Sumner	191 0000
	097	000	2	999	9	Thomas	193 0000
	098	000	2	999	9	Trego	195 0000
	099	000	2	999	9	Wabaunsee	197 0000
	100	000	2	999	9	Wallace	199 0000
	101	000	2	999	9	Washington	201 0000
	102	000	2	999	9	Wichita	203 0000
	103	000	2	999	9	Wilson	205 0000
	104	000	2	999	9	Woodson	207 0000
	105	136	1			Wyandotte	209 3760
				014	3	Kansas City	
				999	9	Balance of county	

Vital Statistics Codes						State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
18						Kentucky	21		
	001	000	2	999	9	Adair		001	0000
	002	000	2	999	9	Allen		003	0000
	003	000	2	999	9	Anderson		005	0000
	004	000	2	999	9	Ballard		007	0000
	005	000	2			Barren		009	0000
				011	6	Glasgow			
				999	9	Balance of county			
	006	000	2	999	9	Bath		011	0000
	007	000	2			Bell		013	0000
				019	6	Middlesborough			
				999	9	Balance of county			
	008	060	1			Boone		015	1640
				007	6	Florence			
				999	9	Balance of county			
	009	154	1	999	9	Bourbon		017	4280
	010	121	1			Boyd		019	3400
				001	5	Ashland			
				999	9	Balance of county			
	011	000	2			Boyle		021	0000
				004	6	Danville			
				999	9	Balance of county			
	012	000	2	999	9	Bracken		023	0000
	013	000	2	999	9	Breathitt		025	0000
	014	000	2	999	9	Breckinridge		027	0000
	015	162	1	999	9	Bullitt		029	4520
	016	000	2	999	9	Butler		031	0000
	017	000	2	999	9	Caldwell		033	0000
	018	000	2			Calloway		035	0000
				020	6	Murray			
				999	9	Balance of county			
	019	060	1			Campbell		037	1640
				008	6	Fort Thomas			
				021	6	Newport			
				999	9	Balance of county			
	020	000	2	999	9	Carlisle		039	0000
	021	000	2	999	9	Carroll		041	0000
	022	000	2	999	9	Carter		043	0000
	023	000	2	999	9	Casey		045	0000
	024	061	1			Christian		047	1660
				013	5	Hopkinsville			
				999	9	Balance of county			
	025	154	1			Clark		049	4280
				030	6	Winchester			
				999	9	Balance of county			
	026	000	2	999	9	Clay		051	0000
	027	000	2	999	9	Clinton		053	0000
	028	000	2	999	9	Crittenden		055	0000
	029	000	2	999	9	Cumberland		057	0000
	030	203	1			Daviess		059	5990
				023	4	Owensboro			
				999	9	Balance of county			
	031	000	2	999	9	Edmonson		061	0000
	032	000	2	999	9	Elliott		063	0000
	033	000	2	999	9	Estill		065	0000
	034	154	1	015	3	Fayette, coext. with Lexington-Fayette		067	4280
	035	000	2	999	9	Fleming		069	0000
	036	000	2	999	9	Floyd		071	0000
	037	000	2			Franklin		073	0000
				009	5	Frankfort			
				999	9	Balance of county			
	038	000	2	999	9	Fulton		075	0000
	039	000	2	999	9	Gallatin		077	0000
	040	000	2	999	9	Garrard		079	0000
	041	000	2	999	9	Grant		081	0000
	042	000	2			Graves		083	0000
				018	6	Mayfield			
				999	9	Balance of county			
	043	000	2	999	9	Grayson		085	0000
	044	000	2	999	9	Green		087	0000
	045	121	1	999	9	Greenup		089	3400
	046	000	2	999	9	Hancock		091	0000
	047	000	2			Hardin		093	0000
				005	6	Elizabethtown			
				025	6	Radcliff			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
18					Kentucky	21	
				999 9	Balance of county		
048	000	2		999 9	Harlan	095	0000
049	000	2		999 9	Harrison	097	0000
050	000	2		999 9	Hart	099	0000
051	088	1			Henderson	101	2440
				012 6	Henderson		
				999 9	Balance of county		
052	000	2		999 9	Henry	103	0000
053	000	2		999 9	Hickman	105	0000
054	000	2			Hopkins	107	0000
				017 6	Madisonville		
				999 9	Balance of county		
055	000	2		999 9	Jackson	109	0000
056	162	1			Jefferson	111	4520
				014 6	Jeffersontown		
				016 2	Louisville		
				027 6	St. Matthews		
				028 6	Shively		
				999 9	Balance of county		
057	154	1			Jessamine	113	4280
				022 6	Nicholasville		
				999 9	Balance of county		
058	000	2		999 9	Johnson	115	0000
059	060	1			Kenton	117	1640
				003 5	Covington		
				006 6	Erlanger		
				999 9	Balance of county		
060	000	2		999 9	Knott	119	0000
061	000	2		999 9	Knox	121	0000
062	000	2		999 9	Larue	123	0000
063	000	2		999 9	Laurel	125	0000
064	000	2		999 9	Lawrence	127	0000
065	000	2		999 9	Lee	129	0000
066	000	2		999 9	Leslie	131	0000
067	000	2		999 9	Letcher	133	0000
068	000	2		999 9	Lewis	135	0000
069	000	2		999 9	Lincoln	137	0000
070	000	2		999 9	Livingston	139	0000
071	000	2		999 9	Logan	141	0000
072	000	2		999 9	Lyon	143	0000
073	000	2			McCracken	145	0000
				024 5	Paducah		
				999 9	Balance of county		
074	000	2		999 9	McCreary	147	0000
075	000	2		999 9	McLean	149	0000
076	000	2			Madison	151	0000
				026 6	Richmond		
				999 9	Balance of county		
077	000	2		999 9	Magoffin	153	0000
078	000	2		999 9	Marion	155	0000
079	000	2		999 9	Marshall	157	0000
080	000	2		999 9	Martin	159	0000
081	000	2		999 9	Mason	161	0000
082	000	2		999 9	Meade	163	0000
083	000	2		999 9	Menifee	165	0000
084	000	2		999 9	Mercer	167	0000
085	000	2		999 9	Metcalfe	169	0000
086	000	2		999 9	Monroe	171	0000
087	000	2		999 9	Montgomery	173	0000
088	000	2		999 9	Morgan	175	0000
089	000	2		999 9	Muhlenberg	177	0000
090	000	2		999 9	Nelson	179	0000
091	000	2		999 9	Nicholas	181	0000
092	000	2		999 9	Ohio	183	0000
093	162	1		999 9	Oldham	185	4520
094	000	2		999 9	Owen	187	0000
095	000	2		999 9	Owsley	189	0000
096	000	2		999 9	Pendleton	191	0000
097	000	2		999 9	Perry	193	0000
098	000	2		999 9	Pike	195	0000
099	000	2		999 9	Powell	197	0000
100	000	2			Pulaski	199	0000
				029 6	Somerset		
				999 9	Balance of county		



Vital Statistics Codes						FIPS Codes						
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name			St	Cnty	SMSA	
18						Kentucky						21
	101	000	2	999	9	Robertson				201	0000	
	102	000	2	999	9	Rockcastle				203	0000	
	103	000	2	999	9	Rowan				205	0000	
	104	000	2	999	9	Russell				207	0000	
	105	154	1			Scott				209	4280	
				010	6	Georgetown						
				999	9	Balance of county						
	106	000	2	999	9	Shelby				211	0000	
	107	000	2	999	9	Simpson				213	0000	
	108	000	2	999	9	Spencer				215	0000	
	109	000	2	999	9	Taylor				217	0000	
	110	000	2	999	9	Todd				219	0000	
	111	000	2	999	9	Trigg				221	0000	
	112	000	2	999	9	Trimble				223	0000	
	113	000	2	999	9	Union				225	0000	
	114	000	2			Warren				227	0000	
				002	5	Bowling Green						
				999	9	Balance of county						
	115	000	2	999	9	Washington				229	0000	
	116	000	2	999	9	Wayne				231	0000	
	117	000	2	999	9	Webster				233	0000	
	118	000	2	999	9	Whitley				235	0000	
	119	000	2	999	9	Wolfe				237	0000	
	120	154	1	999	9	Woodford				239	4280	

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

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

State, County, City, or Country Name

FIPS Codes  
St Cnty SMSA

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Louisiana

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			033	6	West Monroe			
			999	9	Balance of parish			
038	000	2	999	9	Plaquemines	075	0000	
039	000	2	999	9	Pointe Coupee	077	0000	
040	006	1			Rapides	079	0220	
			002	4	Alexandria			
			026	6	Pineville			
			999	9	Balance of parish			
041	000	2	999	9	Red River	081	0000	
042	000	2	999	9	Richland	083	0000	
043	000	2	999	9	Sabine	085	0000	
044	189	1	999	9	St. Bernard	087	5560	
045	000	2	999	9	St. Charles	089	0000	
046	000	2	999	9	St. Helena	091	0000	
047	000	2	999	9	St. James	093	0000	
048	000	2	999	9	St. John the Baptist	095	0000	
049	000	2			St. Landry	097	0000	
			010	6	Eunice, part			
			025	6	Opelousas			
			999	9	Balance of parish			
050	000	2	999	9	St. Martin	099	0000	
051	000	2			St. Mary	101	0000	
			021	6	Morgan City			
			999	9	Balance of parish			
052	189	1			St. Tammany	103	5560	
			029	5	Slidell			
			999	9	Balance of parish			
053	000	2			Tangipahoa	105	0000	
			012	6	Hammond			
			999	9	Balance of parish			
054	000	2	999	9	Tensas	107	0000	
055	000	2			Terrebonne	109	0000	
			014	5	Houma			
			999	9	Balance of parish			
056	000	2	999	9	Union	111	0000	
057	000	2			Vermilion	113	0000	
			001	6	Abbeville			
			999	9	Balance of parish			
058	000	2			Vernon	115	0000	
			009	6	De Ridder, part			
			999	9	Balance of parish			
059	000	2			Washington	117	0000	
			006	6	Bogalusa			
			999	9	Balance of parish			
060	260	1			Webster	119	7680	
			019	6	Minden			
			999	9	Balance of parish			
061	026	1	999	9	West Baton Rouge	121	0760	
062	000	2	999	9	West Carroll	123	0000	
063	000	2	999	9	West Feliciana	125	0000	
064	000	2	999	9	Winn	127	0000	

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/N/P	City	P/S	State, County, City, or Country Name	St Cnty SMSA
20						Maine	23
	001	153	1			Androscoggin	001 4243
				001	6	Auburn	
				006	5	Lewiston	
				999	9	Balance of county	
	002	000	2			Aroostook	003 0000
				008	6	Presque Isle	
				999	9	Balance of county	
	003	217	1			Cumberland	005 6403
				007	4	Portland	
				010	6	South Portland	
				012	6	Westbrook	
				999	9	Balance of county	
	004	000	2	999	9	Franklin	007 0000
	005	000	2	999	9	Hancock	009 0000
	006	000	2			Kennebec	011 0000
				002	6	Augusta	
				011	6	Waterville	
				999	9	Balance of county	
	007	000	2	999	9	Knox	013 0000
	008	000	2	999	9	Lincoln	015 0000
	009	000	2	999	9	Oxford	017 0000
	010	025	1			Penobscot	019 0733
				003	5	Bangor	
				999	9	Balance of county	
	011	000	2	999	9	Piscataquis	021 0000
	012	217	1			Sagadahoc	023 6403
				004	6	Bath	
				999	9	Balance of county	
	013	000	2	999	9	Somerset	025 0000
	014	000	2	999	9	Waldo	027 0000
	015	000	2	999	9	Washington	029 0000
	016	219	1			York	031 6453
				005	6	Biddeford	
				009	6	Saco	
				999	9	Balance of county	

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S			St Cnty	SMSA
21					Maryland		24	
001	069	1			Allegany		001	1900
			007	5	Cumberland			
			999	9	Balance of county			
002	024	1			Anne Arundel		003	0720
			002	5	Annapolis			
			999	9	Balance of county			
003	024	1	999	9	Baltimore		005	0720
004	024	1	003	1	Baltimore city		510	0720
005	000	2	999	9	Calvert		009	0000
006	000	2	999	9	Caroline		011	0000
007	024	1	999	9	Carroll		013	0720
008	299	1	999	9	Cecil		015	9160
009	291	1	999	9	Charles		017	8840
010	000	2			Dorchester		019	0000
			005	6	Cambridge			
			999	9	Balance of county			
011	000	2			Frederick		021	0000
			008	5	Frederick			
			999	9	Balance of county			
012	000	2	999	9	Garrett		023	0000
013	024	1			Harford		025	0720
			001	6	Aberdeen			
			999	9	Balance of county			
014	024	1	999	9	Howard		027	0720
015	000	2	999	9	Kent		029	0000
016	291	1			Montgomery		031	8840
			009	5	Gaithersburg			
			015	5	Rockville			
			017	6	Takoma Park, part			
			999	9	Balance of county			
017	291	1			Prince George's		033	8840
			004	5	Bowie			
			006	6	College Park			
			010	6	Greenbelt			
			012	6	Hyattsville			
			013	6	Laurel			
			014	6	New Carrollton			
			017	6	Takoma Park, part			
			999	9	Balance of county			
018	000	2	999	9	Queen Anne's		035	0000
019	000	2	999	9	St. Mary's		037	0000
020	000	2	999	9	Somerset		039	0000
021	000	2	999	9	Talbot		041	0000
022	114	1			Washington		043	3180
			011	5	Hagerstown			
			999	9	Balance of county			
023	000	2			Wicomico		045	0000
			016	6	Salisbury			
			999	9	Balance of county			
024	000	2	999	9	Worcester		047	0000

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

Vital Statistics Codes				State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
22					Massachusetts	25	
			082	4	Waltham		
			083	5	Watertown town		
			091	6	Wilmington town		
			092	6	Winchester town		
			094	5	Woburn		
			999	9	Balance of county		
010	000	2	999	9	Nantucket	019	0000
011	040	1			Norfolk	021	1123
			013	5	Braintree town		
			015	4	Brookline town		
			023	5	Dedham town		
			034	6	Holbrook town		
			051	5	Milton town		
			053	5	Needham town		
			060	5	Norwood town		
			064	4	Quincy		
			065	5	Randolph town		
			077	5	Stoughton town		
			085	5	Wellesley town		
			088	6	Westwood town		
			089	4	Weymouth town		
			999	9	Balance of county		
012	040	1			Plymouth	023	1123
			001	6	Abington town		
			014	4	Brockton		
			063	5	Plymouth town		
			068	6	Rockland town		
			071	6	Scituate town		
			090	6	Whitman town		
			999	9	Balance of county		
013	040	1			Suffolk	025	1123
			012	1	Boston		
			019	5	Chelsea		
			067	5	Revere		
			093	6	Winthrop town		
014	301	1			Worcester	027	9243
			021	6	Clinton town		
			029	5	Fitchburg		
			031	6	Gardner		
			038	5	Leominster		
			050	6	Milford town		
			072	6	Shrewsbury town		
			084	6	Webster town		
			095	3	Worcester		
			999	9	Balance of county		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
23						Michigan	26		
	001	000	2	999	9	Alcona		001	0000
	002	000	2	999	9	Alger		003	0000
	003	000	2			Allegan		005	0000
				049	5	Holland, part			
				999	9	Balance of county			
	004	000	2			Alpena		007	0000
				004	6	Alpena			
				999	9	Balance of county			
	005	000	2	999	9	Antrim		009	0000
	006	000	2	999	9	Arenac		011	0000
	007	000	2	999	9	Baraga		013	0000
	008	027	1	999	9	Barry		015	0780
	009	028	1			Bay		017	0800
				007	6	Bangor township			
				009	5	Bay City			
				063	5	Midland, part			
				999	9	Balance of county			
	010	000	2	999	9	Benzie		019	0000
	011	031	1			Berrien		021	0870
				010	6	Benton Harbor			
				070	6	Niles			
				999	9	Balance of county			
	012	000	2	999	9	Branch		023	0000
	013	027	1			Calhoun		025	0780
				002	6	Albion			
				008	5	Battle Creek			
				999	9	Balance of county			
	014	000	2	999	9	Cass		027	0000
	015	000	2	999	9	Charlevoix		029	0000
	016	000	2	999	9	Cheboygan		031	0000
	017	000	2			Chippewa		033	0000
				088	6	Sault Ste. Marie			
				999	9	Balance of county			
	018	000	2	999	9	Clare		035	0000
	019	147	1			Clinton		037	4040
				055	3	Lansing, part			
				999	9	Balance of county			
	020	000	2	999	9	Crawford		039	0000
	021	000	2			Delta		041	0000
				028	6	Escanaba			
				999	9	Balance of county			
	022	000	2	999	9	Dickinson		043	0000
	023	147	1			Eaton		045	4040
				055	3	Lansing, part			
				999	9	Balance of county			
	024	000	2	999	9	Emmet		047	0000
	025	092	1			Genesee		049	2640
				016	5	Burton			
				032	3	Flint			
				033	5	Flint township			
				036	5	Genesee township			
				066	5	Mount Morris township			
				999	9	Balance of county			
	026	000	2	999	9	Gladwin		051	0000
	027	000	2	999	9	Gogebic		053	0000
	028	000	2			Grand Traverse		055	0000
				094	6	Traverse City			
				999	9	Balance of county			
	029	000	2	999	9	Gratiot		057	0000
	030	000	2	999	9	Hillsdale		059	0000
	031	000	2	999	9	Houghton		061	0000
	032	000	2	999	9	Huron		063	0000
	033	147	1			Ingham		065	4040
				026	5	East Lansing			
				055	3	Lansing, part			
				062	5	Meridian township			
				999	9	Balance of county			
	034	147	1	999	9	Ionia		067	4040
	035	000	2	999	9	Iosco		069	0000
	036	000	2	999	9	Iron		071	0000
	037	000	2			Isabella		073	0000
				067	6	Mount Pleasant			
				999	9	Balance of county			
	038	125	1			Jackson		075	3520
				051	5	Jackson			



Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
23						Michigan	26
				999	9	Balance of county	
039	134	1				Kalamazoo	077 3720
				052	4	Kalamazoo	
				053	6	Kalamazoo township	
				077	5	Portage	
				999	9	Balance of county	
040	000	2		999	9	Kalkaska	079 0000
041	108	1				Kent	081 3000
				025	6	East Grand Rapids	
				039	3	Grand Rapids	
				040	6	Grandville	
				054	5	Kentwood	
				097	6	Walker	
				104	4	Wyoming	
				999	9	Balance of county	
042	000	2		999	9	Keweenaw	083 0000
043	000	2		999	9	Lake	085 0000
044	078	1		999	9	Lapeer	087 2160
045	000	2		999	9	Leelanau	089 0000
046	000	2				Lenawee	091 0000
				001	6	Adrian	
				999	9	Balance of county	
047	078	1		999	9	Livingston	093 2160
048	000	2		999	9	Luce	095 0000
049	000	2		999	9	Mackinac	097 0000
050	078	1				Macomb	099 2160
				020	4	Clinton township	
				024	5	East Detroit	
				034	6	Fraser	
				046	6	Harrison township	
				065	6	Mount Clemens	
				083	4	Roseville	
				087	4	St. Clair Shores	
				089	5	Shelby township	
				092	3	Sterling Heights	
				098	3	Warren	
				999	9	Balance of county	
051	000	2		999	9	Manistee	101 0000
052	000	2				Marquette	103 0000
				059	6	Marquette	
				999	9	Balance of county	
053	000	2		999	9	Mason	105 0000
054	000	2				Mecosta	107 0000
				013	6	Big Rapids	
				999	9	Balance of county	
055	000	2				Menominee	109 0000
				061	6	Menominee	
				999	9	Balance of county	
056	000	2				Midland	111 0000
				063	5	Midland, part	
				999	9	Balance of county	
057	000	2		999	9	Missaukee	113 0000
058	278	1				Monroe	115 8400
				064	6	Monroe	
				999	9	Balance of county	
059	000	2		999	9	Montcalm	117 0000
060	000	2		999	9	Montmorency	119 0000
061	182	1				Muskegon	121 5320
				068	5	Muskegon	
				069	6	Muskegon Heights	
				071	6	Norton Shores	
				999	9	Balance of county	
062	000	2		999	9	Newaygo	123 0000
063	078	1				Oakland	125 2160
				006	5	Avon township	
				011	6	Berkley	
				012	6	Beverly Hills	
				014	6	Birmingham	
				015	5	Bloomfield township	
				019	6	Clawson	
				029	6	Farmington	
				030	4	Farmington Hills	
				031	5	Ferndale	
				047	6	Hazel Park	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
23					Michigan	26
			058	5	Madison Heights	
			072	6	Novi	
			073	5	Oak Park	
			076	4	Pontiac	
			084	4	Royal Oak	
			090	4	Southfield	
			096	4	Troy	
			100	5	West Bloomfield township	
			999	9	Balance of county	
064	182	1	999	9	Oceana	127 5320
065	000	2	999	9	Ogemaw	129 0000
066	000	2	999	9	Ontonagon	131 0000
067	000	2	999	9	Osceola	133 0000
068	000	2	999	9	Oscoda	135 0000
069	000	2	999	9	Otsego	137 0000
070	108	1			Ottawa	139 3000
			037	5	Georgetown township	
			038	6	Grand Haven	
			049	5	Holland, part	
			999	9	Balance of county	
071	000	2	999	9	Presque Isle	141 0000
072	000	2	999	9	Roscommon	143 0000
073	238	1			Saginaw	145 6960
			085	4	Saginaw	
			086	5	Saginaw township	
			999	9	Balance of county	
074	078	1			St. Clair	147 2160
			078	5	Port Huron	
			999	9	Balance of county	
075	000	2	999	9	St. Joseph	149 0000
076	000	2	999	9	Sanilac	151 0000
077	000	2	999	9	Schoolcraft	153 0000
078	092	1			Shiawassee	155 2640
			074	6	Owosso	
			999	9	Balance of county	
079	000	2	999	9	Tuscola	157 0000
080	134	1	999	9	Van Buren	159 3720
081	014	1			Washtenaw	161 0440
			005	3	Ann Arbor	
			105	6	Ypsilanti	
			106	5	Ypsilanti township	
			999	9	Balance of county	
082	078	1			Wayne	163 2160
			003	5	Allen Park	
			018	5	Canton township	
			021	4	Dearborn	
			022	4	Dearborn Heights	
			023	0	Detroit	
			027	6	Ecorse	
			035	5	Garden City	
			041	6	Grosse Pointe Farms	
			042	6	Grosse Pointe Park	
			043	6	Grosse Pointe Woods	
			044	6	Hamtramck	
			045	6	Harper Woods	
			048	5	Highland Park	
			050	5	Inkster	
			056	5	Lincoln Park	
			057	3	Livonia	
			060	6	Melvindale	
			075	6	Plymouth township	
			079	4	Redford township	
			080	6	River Rouge	
			081	6	Riverview	
			082	6	Romulus	
			091	5	Southgate	
			093	4	Taylor	
			095	6	Trenton	
			099	6	Wayne	
			101	4	Westland	
			102	6	Woodhaven	
			103	5	Wyandotte	
			999	9	Balance of county	
083	000	2			Wexford	165 0000
			017	6	Cadillac	

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

FIPS Codes  
St Cnty SMSA

23

999 9 Michigan  
Balance of county

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Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
24					Minnesota	27	
	001	000	2	999	9 Aitkin		001 0000
	002	176	1		Anoka		003 5120
			002	6	Anoka		
			006	5	Blaine, part		
			013	6	Columbia Heights		
			014	5	Coon Rapids		
			024	5	Fridley		
			047	6	Ramsey		
			999	9	Balance of county		
	003	000	2	999	9 Becker		005 0000
	004	000	2		Beltrami		007 0000
			005	6	Bemidji		
			999	9	Balance of county		
	005	239	1		Benton		009 6980
			053	5	St. Cloud, part		
			999	9	Balance of county		
	006	000	2	999	9 Big Stone		011 0000
	007	000	2		Blue Earth		013 0000
			031	5	Mankato, part		
			999	9	Balance of county		
	008	000	2		Brown		015 0000
			041	6	New Ulm		
			999	9	Balance of county		
	009	000	2		Carlton		017 0000
			012	6	Cloquet		
			999	9	Balance of county		
	010	176	1	999	9 Carver		019 5120
	011	000	2	999	9 Cass		021 0000
	012	000	2	999	9 Chippewa		023 0000
	013	176	1	999	9 Chisago		025 5120
	014	089	1		Clay		027 2520
			037	5	Moorhead		
			999	9	Balance of county		
	015	000	2	999	9 Clearwater		029 0000
	016	000	2	999	9 Cook		031 0000
	017	000	2	999	9 Cottonwood		033 0000
	018	000	2		Crow Wing		035 0000
			008	6	Brainerd		
			999	9	Balance of county		
	019	176	1		Dakota		037 5120
			003	6	Apple Valley		
			011	5	Burnsville		
			018	6	Eagan		
			026	6	Hastings, part		
			029	6	Inver Grove Heights		
			030	6	Lakeville		
			042	6	Northfield, part		
			057	6	South St. Paul		
			060	6	West St. Paul		
			999	9	Balance of county		
	020	000	2	999	9 Dodge		039 0000
	021	000	2	999	9 Douglas		041 0000
	022	000	2	999	9 Faribault		043 0000
	023	000	2	999	9 Fillmore		045 0000
	024	000	2		Freeborn		047 0000
			001	6	Albert Lea		
			999	9	Balance of county		
	025	000	2		Goodhue		049 0000
			048	6	Red Wing		
			999	9	Balance of county		
	026	000	2	999	9 Grant		051 0000
	027	176	1		Hennepin		053 5120
			007	4	Bloomington		
			009	5	Brooklyn Center		
			010	5	Brooklyn Park		
			016	5	Crystal		
			019	6	Eden Prairie		
			020	5	Edina		
			025	6	Golden Valley		
			028	6	Hopkins		
			032	6	Maple Grove		
			035	2	Minneapolis		
			036	5	Minnetonka		
			040	6	New Hope		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
24				Minnesota	27	
			046 5	Plymouth		
			049 5	Richfield		
			050 6	Robbinsdale		
			054 5	St. Louis Park		
			999 9	Balance of county		
028	000	2	999 9	Houston	055	0000
029	000	2	999 9	Hubbard	057	0000
030	000	2	999 9	Isanti	059	0000
031	000	2	999 9	Itasca	061	0000
032	000	2	999 9	Jackson	063	0000
033	000	2	999 9	Kanabec	065	0000
034	000	2		Kandiyohi	067	0000
			062 6	Willmar		
			999 9	Balance of county		
035	000	2	999 9	Kittson	069	0000
036	000	2	999 9	Koochiching	071	0000
037	000	2	999 9	Lac qui Parle	073	0000
038	000	2	999 9	Lake	075	0000
039	000	2	999 9	Lake of the Woods	077	0000
040	000	2	999 9	Le Sueur	079	0000
041	000	2	999 9	Lincoln	081	0000
042	000	2		Lyon	083	0000
			034 6	Marshall		
			999 9	Balance of county		
043	000	2	999 9	McLeod	085	0000
044	000	2	999 9	Mahnomen	087	0000
045	000	2	999 9	Marshall	089	0000
046	000	2		Martin	091	0000
			021 6	Fairmont		
			999 9	Balance of county		
047	000	2	999 9	Meeker	093	0000
048	000	2	999 9	Mille Lacs	095	0000
049	000	2	999 9	Morrison	097	0000
050	000	2		Mower	099	0000
			004 6	Austin		
			999 9	Balance of county		
051	000	2	999 9	Murray	101	0000
052	000	2		Nicollet	103	0000
			031 5	Mankato, part		
			999 9	Balance of county		
053	000	2		Nobles	105	0000
			065 6	Worthington		
			999 9	Balance of county		
054	000	2	999 9	Norman	107	0000
055	233	1		Olmsted	109	6820
			051 4	Rochester		
			999 9	Balance of county		
056	000	2		Otter Tail	111	0000
			023 6	Fergus Falls		
			999 9	Balance of county		
057	000	2	999 9	Pennington	113	0000
058	000	2	999 9	Pine	115	0000
059	000	2	999 9	Pipestone	117	0000
060	107	1	999 9	Polk	119	2985
061	000	2	999 9	Pope	121	0000
062	176	1		Ramsey	123	5120
			006 5	Blaine, part		
			033 5	Maplewood		
			038 6	Mounds View		
			039 6	New Brighton		
			043 6	North St. Paul		
			052 5	Roseville		
			055 2	St. Paul		
			056 6	Shoreview		
			061 6	White Bear Lake, part		
			999 9	Balance of county		
063	000	2	999 9	Red Lake	125	0000
064	000	2	999 9	Redwood	127	0000
065	000	2	999 9	Renville	129	0000
066	000	2		Rice	131	0000
			022 6	Faribault		
			042 6	Northfield, part		
			999 9	Balance of county		
067	000	2	999 9	Rock	133	0000

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
24						Minnesota	27		
	068	000	2	999	9	Roseau		135	0000
	069	080	1			St. Louis		137	2240
				017	4	Duluth			
				027	6	Hibbing			
				059	6	Virginia			
				999	9	Balance of county			
	070	176	1	999	9	Scott		139	5120
	071	239	1			Sherburne		141	6980
				053	5	St. Cloud, part			
				999	9	Balance of county			
	072	000	2	999	9	Sibley		143	0000
	073	239	1			Stearns		145	6980
				053	5	St. Cloud, part			
				999	9	Balance of county			
	074	000	2			Steele		147	0000
				045	6	Owatonna			
				999	9	Balance of county			
	075	000	2	999	9	Stevens		149	0000
	076	000	2	999	9	Swift		151	0000
	077	000	2	999	9	Todd		153	0000
	078	000	2	999	9	Traverse		155	0000
	079	000	2	999	9	Wabasha		157	0000
	080	000	2	999	9	Wadena		159	0000
	081	000	2	999	9	Waseca		161	0000
	082	176	1			Washington		163	5120
				015	6	Cottage Grove			
				026	6	Hastings, part			
				044	6	Oakdale			
				058	6	Stillwater			
				061	6	White Bear Lake, part			
				064	6	Woodbury			
				999	9	Balance of county			
	083	000	2	999	9	Watonwan		165	0000
	084	000	2	999	9	Wilkin		167	0000
	085	000	2			Winona		169	0000
				063	5	Winona			
				999	9	Balance of county			
	086	176	1	999	9	Wright		171	5120
	087	000	2	999	9	Yellow Medicine		173	0000

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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
25				Mississippi	28	
043	000	2		Lincoln	085	0000
			002 6	Brookhaven		
			999 9	Balance of county		
044	000	2		Lowndes	087	0000
			007 5	Columbus		
			999 9	Balance of county		
045	000	2		Madison	089	0000
			003 6	Canton		
			999 9	Balance of county		
046	000	2	999 9	Marion	091	0000
047	000	2	999 9	Marshall	093	0000
048	000	2	999 9	Monroe	095	0000
049	000	2	999 9	Montgomery	097	0000
050	000	2	999 9	Neshoba	099	0000
051	000	2	999 9	Newton	101	0000
052	000	2	999 9	Noxubee	103	0000
053	000	2		Oktibbeha	105	0000
			024 6	Starkville		
			999 9	Balance of county		
054	000	2	999 9	Panola	107	0000
055	000	2		Pearl River	109	0000
			023 6	Picayune		
			999 9	Balance of county		
056	000	2	999 9	Perry	111	0000
057	000	2		Pike	113	0000
			016 6	McComb		
			999 9	Balance of county		
058	000	2	999 9	Pontotoc	115	0000
059	000	2	999 9	Prentiss	117	0000
060	000	2	999 9	Quitman	119	0000
061	126	1		Rankin	121	3560
			014 3	Jackson, part		
			022 6	Pearl		
			999 9	Balance of county		
062	000	2	999 9	Scott	123	0000
063	000	2	999 9	Sharkey	125	0000
064	000	2	999 9	Simpson	127	0000
065	000	2	999 9	Smith	129	0000
066	033	1	999 9	Stone	131	0920
067	000	2	999 9	Sunflower	133	0000
068	000	2	999 9	Tallahatchie	135	0000
069	000	2	999 9	Tate	137	0000
070	000	2	999 9	Tippah	139	0000
071	000	2	999 9	Tishomingo	141	0000
072	000	2	999 9	Tunica	143	0000
073	000	2	999 9	Union	145	0000
074	000	2	999 9	Walthall	147	0000
075	000	2		Warren	149	0000
			026 5	Vicksburg		
			999 9	Balance of county		
076	000	2		Washington	151	0000
			009 5	Greenville		
			999 9	Balance of county		
077	000	2	999 9	Wayne	153	0000
078	000	2	999 9	Webster	155	0000
079	000	2	999 9	Wilkinson	157	0000
080	000	2	999 9	Winston	159	0000
081	000	2	999 9	Yalobusha	161	0000
082	000	2		Yazoo	163	0000
			027 6	Yazoo City		
			999 9	Balance of county		



Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
26					Missouri	29		
001	000	2			Adair	001	0000	
			028	6	Kirksville			
			999	9	Balance of county			
002	240	1	999	9	Andrew	003	7000	
003	000	2	999	9	Atchison	005	0000	
004	000	2			Audrain	007	0000	
			034	6	Mexico			
			999	9	Balance of county			
005	000	2	999	9	Barry	009	0000	
006	000	2	999	9	Barton	011	0000	
007	000	2	999	9	Bates	013	0000	
008	000	2	999	9	Benton	015	0000	
009	000	2	999	9	Bollinger	017	0000	
010	064	1			Boone	019	1740	
			011	4	Columbia			
			999	9	Balance of county			
011	240	1			Buchanan	021	7000	
			043	4	St. Joseph			
			999	9	Balance of county			
012	000	2			Butler	023	0000	
			037	6	Poplar Bluff			
			999	9	Balance of county			
013	000	2	999	9	Caldwell	025	0000	
014	000	2			Callaway	027	0000	
			017	6	Fulton			
			023	5	Jefferson City, part			
			999	9	Balance of county			
015	000	2	999	9	Camden	029	0000	
016	000	2			Cape Girardeau	031	0000	
			008	5	Cape Girardeau			
			999	9	Balance of county			
017	000	2	999	9	Carroll	033	0000	
018	000	2	999	9	Carter	035	0000	
019	136	1			Cass	037	3760	
			004	6	Belton			
			030	5	Lee's Summit, part			
			999	9	Balance of county			
020	000	2	999	9	Cedar	039	0000	
021	000	2	999	9	Chariton	041	0000	
022	266	1	999	9	Christian	043	7920	
023	000	2	999	9	Clark	045	0000	
024	136	1			Clay	047	3760	
			014	6	Excelsior Springs, part			
			018	6	Gladstone			
			022	3	Independence, part			
			026	2	Kansas City, part			
			031	6	Liberty			
			999	9	Balance of county			
025	000	2	999	9	Clinton	049	0000	
026	000	2			Cole	051	0000	
			023	5	Jefferson City, part			
			999	9	Balance of county			
027	000	2	999	9	Cooper	053	0000	
028	000	2	999	9	Crawford	055	0000	
029	000	2	999	9	Dade	057	0000	
030	000	2	999	9	Dallas	059	0000	
031	000	2	999	9	Daviess	061	0000	
032	000	2	999	9	De Kalb	063	0000	
033	000	2	999	9	Dent	065	0000	
034	000	2	999	9	Douglas	067	0000	
035	000	2			Dunklin	069	0000	
			027	6	Kennett			
			999	9	Balance of county			
036	241	1	999	9	Franklin	071	7040	
037	000	2	999	9	Gasconade	073	0000	
038	000	2	999	9	Gentry	075	0000	
039	266	1			Greene	077	7920	
			048	3	Springfield			
			999	9	Balance of county			
040	000	2	999	9	Grundy	079	0000	
041	000	2	999	9	Harrison	081	0000	
042	000	2	999	9	Henry	083	0000	
043	000	2	999	9	Hickory	085	0000	
044	000	2	999	9	Holt	087	0000	

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
26					Missouri	29	
045	000	2	999	9	Howard	089	0000
046	000	2	999	9	Howell	091	0000
047	000	2	999	9	Iron	093	0000
048	136	1			Jackson	095	3760
			006	5	Blue Springs		
			019	6	Grandview		
			022	3	Independence, part		
			026	2	Kansas City, part		
			030	5	Lee's Summit, part		
			038	5	Raytown		
			999	9	Balance of county		
049	133	1			Jasper	097	3710
			009	6	Carthage		
			025	5	Joplin, part		
			999	9	Balance of county		
050	241	1			Jefferson	099	7040
			001	6	Arnold		
			999	9	Balance of county		
051	000	2			Johnson	101	0000
			050	6	Warrensburg		
			999	9	Balance of county		
052	000	2	999	9	Knox	103	0000
053	000	2	999	9	Laclede	105	0000
054	000	2	999	9	Lafayette	107	0000
055	000	2	999	9	Lawrence	109	0000
056	000	2	999	9	Lewis	111	0000
057	000	2	999	9	Lincoln	113	0000
058	000	2	999	9	Linn	115	0000
059	000	2	999	9	Livingston	117	0000
060	000	2	999	9	McDonald	119	0000
061	000	2	999	9	Macon	121	0000
062	000	2	999	9	Madison	123	0000
063	000	2	999	9	Maries	125	0000
064	000	2			Marion	127	0000
			020	6	Hannibal, part		
			999	9	Balance of county		
065	000	2	999	9	Mercer	129	0000
066	000	2	999	9	Miller	131	0000
067	000	2	999	9	Mississippi	133	0000
068	000	2	999	9	Moniteau	135	0000
069	000	2	999	9	Monroe	137	0000
070	000	2	999	9	Montgomery	139	0000
071	000	2	999	9	Morgan	141	0000
072	000	2			New Madrid	143	0000
			047	6	Sikeston, part		
			999	9	Balance of county		
073	133	1			Newton	145	3710
			025	5	Joplin, part		
			999	9	Balance of county		
074	000	2	999	9	Nodaway	147	0000
075	000	2	999	9	Oregon	149	0000
076	000	2	999	9	Osage	151	0000
077	000	2	999	9	Ozark	153	0000
078	000	2	999	9	Pemiscot	155	0000
079	000	2	999	9	Perry	157	0000
080	000	2			Pettis	159	0000
			046	6	Sedalia		
			999	9	Balance of county		
081	000	2			Phelps	161	0000
			040	6	Rolla		
			999	9	Balance of county		
082	000	2	999	9	Pike	163	0000
083	136	1			Platte	165	3760
			026	2	Kansas City, part		
			999	9	Balance of county		
084	000	2	999	9	Polk	167	0000
085	000	2	999	9	Pulaski	169	0000
086	000	2	999	9	Putnam	171	0000
087	000	2			Ralls	173	0000
			020	6	Hannibal, part		
			999	9	Balance of county		
088	000	2			Randolph	175	0000
			035	6	Moberly		
			999	9	Balance of county		

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
26					Missouri	29
089	136	1			Ray	177 3760
			014	6	Excelsior Springs, part	
			999	9	Balance of county	
090	000	2	999	9	Reynolds	179 0000
091	000	2	999	9	Ripley	181 0000
092	241	1			St. Charles	183 7040
			042	5	St. Charles	
			045	6	St. Peters	
			999	9	Balance of county	
093	000	2	999	9	St. Clair	185 0000
094	000	2	999	9	Ste. Genevieve	186 0000
095	000	2	999	9	St. Francois	187 0000
096	241	1			St. Louis	189 7040
			002	6	Ballwin	
			003	6	Bellefontaine Neighbors	
			005	6	Berkeley	
			007	6	Bridgeton	
			010	6	Clayton	
			012	6	Crestwood	
			013	6	Creve Coeur	
			015	6	Ferguson	
			016	4	Florissant	
			021	6	Hazelwood	
			024	6	Jennings	
			029	5	Kirkwood	
			032	6	Maplewood	
			036	6	Overland	
			039	6	Richmond Heights	
			041	6	St. Ann	
			049	5	University City	
			051	6	Webster Groves	
			999	9	Balance of county	
097	241	1	044	2	St. Louis city	510 7040
098	000	2			Saline	195 0000
			033	6	Marshall	
			999	9	Balance of county	
099	000	2	999	9	Schuyler	197 0000
100	000	2	999	9	Scotland	199 0000
101	000	2			Scott	201 0000
			047	6	Sikeston, part	
			999	9	Balance of county	
102	000	2	999	9	Shannon	203 0000
103	000	2	999	9	Shelby	205 0000
104	000	2	999	9	Stoddard	207 0000
105	000	2	999	9	Stone	209 0000
106	000	2	999	9	Sullivan	211 0000
107	000	2	999	9	Taney	213 0000
108	000	2	999	9	Texas	215 0000
109	000	2	999	9	Vernon	217 0000
110	000	2	999	9	Warren	219 0000
111	000	2	999	9	Washington	221 0000
112	000	2	999	9	Wayne	223 0000
113	000	2	999	9	Webster	225 0000
114	000	2	999	9	Worth	227 0000
115	000	2	999	9	Wright	229 0000

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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
28				Nebraska	31	
001	000	2		Adams	001	0000
			006 6	Hastings		
			999 9	Balance of county		
002	000	2	999 9	Antelope	003	0000
003	000	2	999 9	Arthur	005	0000
004	000	2	999 9	Banner	007	0000
005	000	2	999 9	Blaine	009	0000
006	000	2	999 9	Boone	011	0000
007	000	2	999 9	Box Butte	013	0000
008	000	2	999 9	Boyd	015	0000
009	000	2	999 9	Brown	017	0000
010	000	2		Buffalo	019	0000
			007 6	Kearney		
			999 9	Balance of county		
011	000	2	999 9	Burt	021	0000
012	000	2	999 9	Butler	023	0000
013	000	2	999 9	Cass	025	0000
014	000	2	999 9	Cedar	027	0000
015	000	2	999 9	Chase	029	0000
016	000	2	999 9	Cherry	031	0000
017	000	2	999 9	Cheyenne	033	0000
018	000	2	999 9	Clay	035	0000
019	000	2	999 9	Colfax	037	0000
020	000	2	999 9	Cuming	039	0000
021	000	2	999 9	Custer	041	0000
022	261	1	999 9	Dakota	043	7720
023	000	2	999 9	Dawes	045	0000
024	000	2	999 9	Dawson	047	0000
025	000	2	999 9	Deuel	049	0000
026	000	2	999 9	Dixon	051	0000
027	000	2		Dodge	053	0000
			004 6	Fremont		
			999 9	Balance of county		
028	201	1		Douglas	055	5920
			011 2	Omaha		
			999 9	Balance of county		
029	000	2	999 9	Dundy	057	0000
030	000	2	999 9	Fillmore	059	0000
031	000	2	999 9	Franklin	061	0000
032	000	2	999 9	Frontier	063	0000
033	000	2	999 9	Furnas	065	0000
034	000	2		Gage	067	0000
			001 6	Beatrice		
			999 9	Balance of county		
035	000	2	999 9	Garden	069	0000
036	000	2	999 9	Garfield	071	0000
037	000	2	999 9	Gosper	073	0000
038	000	2	999 9	Grant	075	0000
039	000	2	999 9	Greeley	077	0000
040	000	2		Hall	079	0000
			005 5	Grand Island		
			999 9	Balance of county		
041	000	2	999 9	Hamilton	081	0000
042	000	2	999 9	Harlan	083	0000
043	000	2	999 9	Hayes	085	0000
044	000	2	999 9	Hitchcock	087	0000
045	000	2	999 9	Holt	089	0000
046	000	2	999 9	Hooker	091	0000
047	000	2	999 9	Howard	093	0000
048	000	2	999 9	Jefferson	095	0000
049	000	2	999 9	Johnson	097	0000
050	000	2	999 9	Kearney	099	0000
051	000	2	999 9	Keith	101	0000
052	000	2	999 9	Keya Paha	103	0000
053	000	2	999 9	Kimball	105	0000
054	000	2	999 9	Knox	107	0000
055	156	1		Lancaster	109	4360
			008 3	Lincoln		
			999 9	Balance of county		
056	000	2		Lincoln	111	0000
			010 6	North Platte		
			999 9	Balance of county		
057	000	2	999 9	Logan	113	0000
058	000	2	999 9	Loup	115	0000

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

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

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



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

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
31					New Jersey	34
			009	5	Bloomfield	
			016	6	Cedar Grove township	
			031	4	East Orange	
			065	4	Irvington	
			074	5	Livingston township	
			082	6	Maplewood township	
			086	6	Millburn township	
			088	5	Montclair	
			094	2	Newark	
			102	5	Nutley	
			107	5	Orange	
			141	6	South Orange Village township	
			153	6	Verona	
			162	6	West Caldwell	
			166	5	West Orange	
			999	9	Balance of county	
008	212	1			Gloucester	015 6160
			026	6	Deptford township	
			045	6	Glassboro	
			159	5	Washington township	
			163	6	West Deptford township	
			171	6	Woodbury	
			999	9	Balance of county	
009	130	1			Hudson	017 3640
			004	4	Bayonne	
			055	6	Harrison	
			062	5	Hoboken	
			067	3	Jersey City	
			069	5	Kearny	
			099	5	North Bergen township	
			138	6	Secaucus	
			150	4	Union City	
			161	6	Weehawken township	
			165	5	West New York	
			999	9	Balance of county	
010	000	2			Hunterdon	019 0000
011	280	1			Mercer	021 8480
			032	6	East Windsor township	
			038	5	Ewing township	
			052	4	Hamilton township	
			123	6	Princeton	
			149	4	Trenton	
			999	9	Balance of county	
012	186	1			Middlesex	023 5460
			015	6	Carteret	
			030	5	East Brunswick township	
			034	4	Edison township	
			059	6	Highland Park	
			083	6	Metuchen	
			084	6	Middlesex	
			095	5	New Brunswick	
			100	6	North Brunswick township	
			106	4	Old Bridge township	
			116	5	Perth Amboy	
			118	5	Piscataway township	
			136	5	Sayreville	
			142	6	South Plainfield	
			143	6	South River	
			170	4	Woodbridge township	
			999	9	Balance of county	
013	158	1			Monmouth	025 4410
			001	6	Aberdeen township	
			002	6	Asbury Park	
			033	6	Eatonstown	
			043	6	Freehold	
			058	6	Hazlet township	
			064	5	Howell township	
			068	6	Keansburg	
			076	5	Long Branch	
			085	4	Middletown township	
			093	5	Neptune township	
			104	6	Ocean township	
			126	6	Red Bank	
			999	9	Balance of county	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
31					New Jersey	34
	014	191	1		Morris	027 5640
			025	6	Denville township	
			027	6	Dover	
			054	6	Hanover township	
			078	6	Madison	
			090	6	Morris township	
			091	6	Morristown	
			110	5	Parsippany-Troy Hills township	
			115	6	Pequannock township	
			999	9	Balance of county	
	015	000	2		Ocean	029 0000
			010	4	Brick township	
			028	4	Dover township	
			066	5	Jackson township	
			070	5	Lakewood township	
			079	5	Manchester township	
			121	6	Point Pleasant	
			999	9	Balance of county	
	016	208	1		Passaic	031 6040
			021	4	Clifton	
			057	6	Hawthorne	
			073	6	Little Falls township	
			111	4	Passaic	
			112	3	Paterson	
			122	6	Pompton Lakes	
			130	6	Ringwood	
			148	6	Totowa	
			158	6	Wanaque	
			160	5	Wayne township	
			167	6	West Paterson	
			999	9	Balance of county	
	017	299	1	999	9 Salem	033 9160
	018	191	1		Somerset	035 5640
			012	5	Bridgewater township	
			042	5	Franklin township	
			080	6	Manville	
			101	6	North Plainfield	
			140	6	Somerville	
			999	9	Balance of county	
	019	000	2		Sussex	037 0000
			063	6	Hopatcong	
			999	9	Balance of county	
	020	191	1		Union	039 5640
			008	6	Berkeley Heights township	
			019	6	Clark township	
			023	6	Cranford township	
			035	3	Elizabeth	
			061	6	Hillside township	
			071	5	Linden	
			097	6	New Providence	
			119	5	Plainfield	
			124	5	Rahway	
			132	6	Roselle	
			133	6	Roselle Park	
			137	6	Scotch Plains township	
			144	6	Springfield township	
			145	6	Summit	
			151	4	Union township	
			164	5	Westfield	
			999	9	Balance of county	
	021	007	1		Warren	041 0240
			117	6	Phillipsburg	
			999	9	Balance of county	

Vital Statistics Codes						FIPS Codes					
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name			St	Cnty	SMSA
32						New Mexico			35		
	001	005	1			Bernalillo				001	0200
				002	2	Albuquerque					
				999	9	Balance of county					
	002	000	2	999	9	Catron				003	0000
	003	000	2			Chaves				005	0000
				011	5	Roswell					
				999	9	Balance of county					
	004	000	2	999	9	Cibola				006	0000
	005	000	2	999	9	Colfax				007	0000
	006	000	2			Curry				009	0000
				005	5	Clovis					
				999	9	Balance of county					
	007	000	2	999	9	De Baca				011	0000
	008	149	1			Dona Ana				013	4100
				009	5	Las Cruces					
				999	9	Balance of county					
	009	000	2			Eddy				015	0000
				003	6	Artesia					
				004	5	Carlsbad					
				999	9	Balance of county					
	010	000	2	999	9	Grant				017	0000
	011	000	2	999	9	Guadalupe				019	0000
	012	000	2	999	9	Harding				021	0000
	013	000	2	999	9	Hidalgo				023	0000
	014	000	2			Lea				025	0000
				008	5	Hobbs					
				999	9	Balance of county					
	015	000	2	999	9	Lincoln				027	0000
	016	000	2	999	9	Los Alamos				028	0000
	017	000	2	999	9	Luna				029	0000
	018	000	2			McKinley				031	0000
				007	6	Gallup					
				999	9	Balance of county					
	019	000	2	999	9	Mora				033	0000
	020	000	2			Otero				035	0000
				001	6	Alamogordo					
				999	9	Balance of county					
	021	000	2	999	9	Quay				037	0000
	022	000	2	999	9	Rio Arriba				039	0000
	023	000	2	999	9	Roosevelt				041	0000
	024	005	1	999	9	Sandoval				043	0200
	025	000	2			San Juan				045	0000
				006	5	Farmington					
				999	9	Balance of county					
	026	000	2			San Miguel				047	0000
				010	6	Las Vegas					
				999	9	Balance of county					
	027	000	2			Santa Fe				049	0000
				012	5	Santa Fe					
				999	9	Balance of county					
	028	000	2	999	9	Sierra				051	0000
	029	000	2	999	9	Socorro				053	0000
	030	000	2	999	9	Taos				055	0000
	031	000	2	999	9	Torrance				057	0000
	032	000	2	999	9	Union				059	0000
	033	000	2	999	9	Valencia				061	0000

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
33						New York	36		
				072	5	Penfield town			
				079	3	Rochester			
				999	9	Balance of county			
027	004	1				Montgomery	057	0160	
				002	6	Amsterdam			
				999	9	Balance of county			
028	184	1				Nassau	059	5380	
				019	6	East Rockaway			
				022	6	Floral Park			
				024	5	Freeport			
				026	6	Garden City			
				029	6	Glen Cove			
				035	5	Hempstead			
				049	5	Long Beach			
				050	6	Lynbrook			
				052	6	Massapequa Park			
				055	6	Mineola			
				080	5	Rockville Centre			
				094	5	Valley Stream			
				098	6	Westbury			
				999	9	Balance of county			
029	190	1				New York city		5600	
				009	0	Bronx borough, Bronx county	005		
				043	0	Brooklyn borough, Kings county	047		
				060	0	Manhattan borough, New York county	061		
				077	0	Queens borough, Queens county	081		
				078	0	Staten Island borough, Richmond county	085		
030	046	1				Niagara	063	1280	
				048	6	Lockport			
				061	4	Niagara Falls			
				063	5	North Tonawanda			
				999	9	Balance of county			
031	285	1				Oneida	065	8680	
				081	5	Rome			
				093	4	Utica			
				999	9	Balance of county			
032	272	1				Onondaga	067	8160	
				089	3	Syracuse			
				999	9	Balance of county			
033	234	1				Ontario	069	6840	
				011	6	Canandaigua			
				028	6	Geneva, part			
				999	9	Balance of county			
034	193	1				Orange	071	5660	
				054	6	Middletown			
				058	6	Newburgh			
				999	9	Balance of county			
035	234	1				Orleans	073	6840	
036	272	1				Oswego	075	8160	
				025	6	Fulton			
				069	6	Oswego			
				999	9	Balance of county			
037	000	2				Otsego	077	0000	
				067	6	Oneonta			
				999	9	Balance of county			
038	190	1				Putnam	079	5600	
				012	5	Carmel town			
				999	9	Balance of county			
039	004	1				Rensselaer	083	0160	
				092	4	Troy			
				999	9	Balance of county			
040	190	1				Rockland	087	5600	
				087	6	Spring Valley			
				088	6	Suffern			
				999	9	Balance of county			
041	000	2				St. Lawrence	089	0000	
				053	6	Massena			
				064	6	Ogdensburg			
				075	6	Potsdam			
				999	9	Balance of county			
042	004	1				Saratoga	091	0160	
				084	6	Saratoga Springs			
				999	9	Balance of county			
043	004	1				Schenectady	093	0160	
				062	6	Niskayuna town			

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
33					New York	36		
				082 5	Rotterdam town			
				086 4	Schenectady			
				999 9	Balance of county			
044	000	2		999 9	Schoharie	095	0000	
045	000	2		999 9	Schuyler	097	0000	
046	000	2			Seneca	099	0000	
				028 6	Geneva, part			
				999 9	Balance of county			
047	000	2			Steuben	101	0000	
				014 6	Corning			
				037 6	Hornell			
				999 9	Balance of county			
048	184	1			Suffolk	103	5380	
				004 6	Babylon			
				047 5	Lindenhurst			
				070 6	Patchogue			
				999 9	Balance of county			
049	000	2		999 9	Sullivan	105	0000	
050	034	1		999 9	Tioga	107	0960	
051	000	2			Tompkins	109	0000	
				039 5	Ithaca			
				999 9	Balance of county			
052	000	2			Ulster	111	0000	
				044 6	Kingston			
				999 9	Balance of county			
053	106	1			Warren	113	2975	
				030 6	Glens Falls			
				999 9	Balance of county			
054	106	1		999 9	Washington	115	2975	
055	234	1			Wayne	117	6840	
				057 6	Newark			
				999 9	Balance of county			
056	190	1			Westchester	119	5600	
				017 6	Dobbs Ferry			
				034 6	Harrison			
				051 6	Mamaroneck			
				056 4	Mount Vernon			
				059 4	New Rochelle			
				068 6	Ossining			
				071 6	Peekskill			
				074 6	Port Chester			
				083 6	Rye			
				085 6	Scarsdale			
				090 6	Tarrytown			
				100 5	White Plains			
				101 3	Yonkers			
				102 5	Yorktown town			
				999 9	Balance of county			
057	000	2		999 9	Wyoming	121	0000	
058	000	2		999 9	Yates	123	0000	

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



Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
34					North Carolina	37	
040	000	2	999	9	Greene	079	0000
041	112	1			Guilford	081	3120
			017	3	Greensboro		
			022	4	High Point, part		
			999	9	Balance of county		
042	000	2			Halifax	083	0000
			034	6	Roanoke Rapids		
			999	9	Balance of county		
043	000	2	999	9	Harnett	085	0000
044	000	2	999	9	Haywood	087	0000
045	000	2	999	9	Henderson	089	0000
046	000	2	999	9	Hertford	091	0000
047	000	2	999	9	Hoke	093	0000
048	000	2	999	9	Hyde	095	0000
049	000	2			Iredell	097	0000
			039	6	Statesville		
			999	9	Balance of county		
050	000	2	999	9	Jackson	099	0000
051	000	2	999	9	Johnston	101	0000
052	000	2	999	9	Jones	103	0000
053	000	2			Lee	105	0000
			037	6	Sanford		
			999	9	Balance of county		
054	000	2			Lenoir	107	0000
			024	5	Kinston		
			999	9	Balance of county		
055	000	2	999	9	Lincoln	109	0000
056	000	2	999	9	McDowell	111	0000
057	000	2	999	9	Macon	113	0000
058	017	1	999	9	Madison	115	0480
059	000	2	999	9	Martin	117	0000
060	055	1			Mecklenburg	119	1520
			008	2	Charlotte		
			999	9	Balance of county		
061	000	2	999	9	Mitchell	121	0000
062	000	2	999	9	Montgomery	123	0000
063	000	2	999	9	Moore	125	0000
064	000	2			Nash	127	0000
			035	5	Rocky Mount, part		
			999	9	Balance of county		
065	300	1			New Hanover	129	9200
			041	5	Wilmington		
			999	9	Balance of county		
066	000	2	999	9	Northampton	131	0000
067	128	1			Onslow	133	3605
			023	6	Jacksonville		
			999	9	Balance of county		
068	225	1			Orange	135	6640
			007	5	Chapel Hill, part		
			999	9	Balance of county		
069	000	2	999	9	Pamlico	137	0000
070	000	2			Pasquotank	139	0000
			012	6	Elizabeth City, part		
			999	9	Balance of county		
071	000	2	999	9	Pender	141	0000
072	000	2	999	9	Perquimans	143	0000
073	000	2	999	9	Person	145	0000
074	000	2			Pitt	147	0000
			018	5	Greenville		
			999	9	Balance of county		
075	000	2	999	9	Polk	149	0000
076	112	1			Randolph	151	3120
			002	6	Asheboro		
			022	4	High Point, part		
			999	9	Balance of county		
077	000	2	999	9	Richmond	153	0000
078	000	2			Robeson	155	0000
			028	6	Lumberton		
			999	9	Balance of county		
079	000	2			Rockingham	157	0000
			011	6	Eden		
			033	6	Reidsville		
			999	9	Balance of county		
080	244	1			Rowan	159	7140
			036	6	Salisbury		

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
34						North Carolina	37		
				999	9	Balance of county			
081	000	2		999	9	Rutherford	161	0000	
082	000	2		999	9	Sampson	163	0000	
083	000	2				Scotland	165	0000	
				025	6	Laurinburg			
				999	9	Balance of county			
084	000	2				Stanly	167	0000	
				001	6	Albemarle			
				999	9	Balance of county			
085	112	1		999	9	Stokes	169	3120	
086	000	2		999	9	Surry	171	0000	
087	000	2		999	9	Swain	173	0000	
088	000	2		999	9	Transylvania	175	0000	
089	000	2		999	9	Tyrrell	177	0000	
090	055	1				Union	179	1520	
				029	6	Monroe			
				999	9	Balance of county			
091	000	2				Vance	181	0000	
				020	6	Henderson			
				999	9	Balance of county			
092	225	1				Wake	183	6640	
				006	6	Cary			
				014	6	Garner			
				032	3	Raleigh			
				999	9	Balance of county			
093	000	2		999	9	Warren	185	0000	
094	000	2		999	9	Washington	187	0000	
095	000	2				Watauga	189	0000	
				004	6	Boone			
				999	9	Balance of county			
096	000	2				Wayne	191	0000	
				016	5	Goldsboro			
				999	9	Balance of county			
097	000	2		999	9	Wilkes	193	0000	
098	000	2				Wilson	195	0000	
				042	5	Wilson			
				999	9	Balance of county			
099	112	1		999	9	Yadkin	197	3120	
100	000	2		999	9	Yancey	199	0000	

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

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
36						Ohio	39		
	001	000	2	999	9	Adams		001	0000
	002	155	1			Allen		003	4320
				067	5	Lima			
				999	9	Balance of county			
	003	000	2			Ashland		005	0000
				004	6	Ashland			
				999	9	Balance of county			
	004	000	2			Ashtabula		007	0000
				005	6	Ashtabula			
				033	6	Conneaut			
				999	9	Balance of county			
	005	000	2			Athens		009	0000
				006	6	Athens			
				999	9	Balance of county			
	006	155	1	999	9	Auglaize		011	4320
	007	295	1	999	9	Belmont		013	9000
	008	000	2	999	9	Brown		015	0000
	009	115	1			Butler		017	3200
				047	5	Fairfield			
				060	4	Hamilton			
				081	5	Middletown			
				096	6	Oxford			
				999	9	Balance of county			
	010	049	1	999	9	Carroll		019	1320
	011	267	1			Champaign		021	7960
				130	6	Urbana			
				999	9	Balance of county			
	012	267	1			Clark		023	7960
				118	4	Springfield			
				999	9	Balance of county			
	013	060	1	999	9	Clermont		025	1640
	014	000	2			Clinton		027	0000
				145	6	Wilmington			
				999	9	Balance of county			
	015	000	2			Columbiana		029	0000
				042	6	East Liverpool			
				108	6	Salem			
				999	9	Balance of county			
	016	000	2			Coshocton		031	0000
				034	6	Coshocton			
				999	9	Balance of county			
	017	000	2			Crawford		033	0000
				022	6	Bucyrus			
				055	6	Galion			
				999	9	Balance of county			
	018	062	1			Cuyahoga		035	1680
				009	6	Bay Village			
				011	6	Bedford			
				012	6	Bedford Heights			
				014	6	Berea			
				017	6	Brecksville			
				018	6	Broadview Heights			
				019	6	Brooklyn			
				020	5	Brook Park			
				030	1	Cleveland			
				031	4	Cleveland Heights			
				040	5	East Cleveland			
				045	4	Euclid			
				048	6	Fairview Park			
				056	5	Garfield Heights			
				065	4	Lakewood			
				069	6	Lyndhurst			
				071	5	Maple Heights			
				076	6	Mayfield Heights			
				080	6	Middleburg Heights			
				089	5	North Olmsted			
				091	6	North Royalton			
				098	4	Parma			
				099	6	Parma Heights			
				106	6	Richmond Heights			
				107	6	Rocky River			
				110	6	Seven Hills			
				111	5	Shaker Heights			
				115	6	Solon			

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

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
36					Ohio	39	
	040	000	2	999 9	Jackson		079 0000
	041	270	1		Jefferson		081 8080
				119 5	Steubenville		
				999 9	Balance of county		
	042	000	2		Knox		083 0000
				083 6	Mount Vernon		
				999 9	Balance of county		
	043	062	1		Lake		085 1680
				041 6	Eastlake		
				078 5	Mentor		
				097 6	Painesville		
				142 6	Wickliffe		
				143 6	Willoughby		
				144 6	Willowick		
				999 9	Balance of county		
	044	121	1		Lawrence		087 3400
				062 6	Ironton		
				999 9	Balance of county		
	045	192	1		Licking		089 5645
				084 5	Newark		
				105 6	Reynoldsburg, part		
				999 9	Balance of county		
	046	000	2		Logan		091 0000
				013 6	Bellefontaine		
				999 9	Balance of county		
	047	160	1		Lorain		093 4440
				003 6	Amherst		
				007 6	Avon Lake		
				043 4	Elyria		
				068 4	Lorain		
				090 6	North Ridgeville		
				113 6	Sheffield Lake		
				133 6	Vermilion, part		
				999 9	Balance of county		
	048	278	1		Lucas		095 8400
				075 6	Maumee		
				095 6	Oregon		
				123 6	Sylvania		
				126 2	Toledo		
				999 9	Balance of county		
	049	067	1	999 9	Madison		097 1840
	050	304	1		Mahoning		099 9320
				002 6	Alliance, part		
				024 6	Campbell		
				122 6	Struthers		
				149 3	Youngstown, part		
				999 9	Balance of county		
	051	000	2		Marion		101 0000
				073 5	Marion		
				999 9	Balance of county		
	052	062	1		Medina		103 1680
				021 5	Brunswick		
				077 6	Medina		
				134 6	Wadsworth		
				999 9	Balance of county		
	053	000	2	999 9	Meigs		105 0000
	054	000	2	999 9	Mercer		107 0000
	055	073	1		Miami		109 2000
				101 6	Piqua		
				127 6	Troy		
				999 9	Balance of county		
	056	000	2	999 9	Monroe		111 0000
	057	073	1		Montgomery		113 2000
				026 6	Centerville		
				036 3	Dayton, part		
				044 6	Englewood		
				061 5	Huber Heights		
				064 4	Kettering		
				079 6	Miamisburg		
				131 6	Vandalia		
				138 6	West Carrollton		
				999 9	Balance of county		
	058	000	2	999 9	Morgan		115 0000
	059	000	2	999 9	Morrow		117 0000

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
36					Ohio	39	
060	000	2			Muskingum	119	0000
			150	5	Zanesville		
			999	9	Balance of county		
061	000	2	999	9	Noble	121	0000
062	278	1	999	9	Ottawa	123	8400
063	000	2	999	9	Paulding	125	0000
064	000	2	999	9	Perry	127	0000
065	067	1			Pickaway	129	1840
			029	6	Circleville		
			999	9	Balance of county		
066	000	2	999	9	Pike	131	0000
067	002	1			Portage	133	0080
			063	5	Kent		
			103	6	Ravenna		
			999	9	Balance of county		
068	073	1	999	9	Preble	135	2000
069	155	1	999	9	Putnam	137	4320
070	168	1			Richland	139	4800
			070	4	Mansfield		
			999	9	Balance of county		
071	000	2			Ross	141	0000
			027	6	Chillicothe		
			999	9	Balance of county		
072	000	2			Sandusky	143	0000
			053	6	Fremont		
			999	9	Balance of county		
073	000	2			Scioto	145	0000
			102	5	Portsmouth		
			999	9	Balance of county		
074	000	2			Seneca	147	0000
			051	6	Fostoria, part		
			125	6	Tiffin		
			999	9	Balance of county		
075	000	2			Shelby	149	0000
			114	6	Sidney		
			999	9	Balance of county		
076	049	1			Stark	151	1320
			002	6	Alliance, part		
			025	4	Canton		
			074	5	Massillon		
			087	6	North Canton		
			999	9	Balance of county		
077	002	1			Summit	153	0080
			001	3	Akron		
			008	5	Barberton		
			035	5	Cuyahoga Falls		
			092	6	Norton		
			120	5	Stow		
			124	6	Tallmadge		
			999	9	Balance of county		
078	304	1			Trumbull	155	9320
			057	6	Girard		
			086	6	Niles		
			135	4	Warren		
			149	3	Youngstown, part		
			999	9	Balance of county		
079	000	2			Tuscarawas	157	0000
			039	6	Dover		
			085	6	New Philadelphia		
			999	9	Balance of county		
080	000	2	999	9	Union	159	0000
081	155	1			Van Wert	161	4320
			132	6	Van Wert		
			999	9	Balance of county		
082	000	2	999	9	Vinton	163	0000
083	060	1			Warren	165	1640
			052	6	Franklin		
			999	9	Balance of county		
084	206	1			Washington	167	6020
			072	6	Marietta		
			999	9	Balance of county		
085	000	2			Wayne	169	0000
			146	6	Wooster		
			999	9	Balance of county		

Vital Statistics Codes						FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country	Name	St	Cnty	SMSA
36						Ohio		39		
	086	000	2	999	9	Williams			171	0000
	087	278	1			Wood			173	8400
				016	5	Bowling Green				
				051	6	Fostoria, part				
				100	6	Perrysburg				
				999	9	Balance of county				
	088	000	2	999	9	Wyandot			175	0000



Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA
37					Oklahoma	40	
	001	000	2	999 9	Adair	001	0000
	002	000	2	999 9	Alfalfa	003	0000
	003	000	2	999 9	Atoka	005	0000
	004	000	2	999 9	Beaver	007	0000
	005	000	2	999 9	Beckham	009	0000
	006	000	2	999 9	Blaine	011	0000
	007	000	2		Bryan	013	0000
				011 6	Durant		
				999 9	Balance of county		
	008	000	2	999 9	Caddo	015	0000
	009	199	1		Canadian	017	5880
				013 6	El Reno		
				023 2	Oklahoma City, part		
				033 6	Yukon		
				999 9	Balance of county		
	010	000	2		Carter	019	0000
				003 6	Ardmore		
				999 9	Balance of county		
	011	000	2	999 9	Cherokee	021	0000
	012	000	2	999 9	Choctaw	023	0000
	013	000	2	999 9	Cimarron	025	0000
	014	199	1		Cleveland	027	5880
				020 5	Moore		
				022 4	Norman		
				023 2	Oklahoma City, part		
				999 9	Balance of county		
	015	000	2	999 9	Coal	029	0000
	016	152	1		Comanche	031	4200
				016 4	Lawton		
				999 9	Balance of county		
	017	000	2	999 9	Cotton	033	0000
	018	000	2	999 9	Craig	035	0000
	019	282	1		Creek	037	8560
				027 6	Sapulpa		
				999 9	Balance of county		
	020	000	2	999 9	Custer	039	0000
	021	000	2	999 9	Delaware	041	0000
	022	000	2	999 9	Dewey	043	0000
	023	000	2	999 9	Ellis	045	0000
	024	085	1		Garfield	047	2340
				014 4	Enid		
				999 9	Balance of county		
	025	000	2	999 9	Garvin	049	0000
	026	000	2		Grady	051	0000
				007 6	Chickasha		
				999 9	Balance of county		
	027	000	2	999 9	Grant	053	0000
	028	000	2	999 9	Greer	055	0000
	029	000	2	999 9	Harmon	057	0000
	030	000	2	999 9	Harper	059	0000
	031	000	2	999 9	Haskell	061	0000
	032	000	2	999 9	Hughes	063	0000
	033	000	2		Jackson	065	0000
				002 6	Altus		
				999 9	Balance of county		
	034	000	2	999 9	Jefferson	067	0000
	035	000	2	999 9	Johnston	069	0000
	036	000	2		Kay	071	0000
				025 5	Ponca City		
				999 9	Balance of county		
	037	000	2	999 9	Kingfisher	073	0000
	038	000	2	999 9	Kiowa	075	0000
	039	000	2	999 9	Latimer	077	0000
	040	098	1	999 9	Le Flore	079	2720
	041	000	2	999 9	Lincoln	081	0000
	042	000	2		Logan	083	0000
				015 6	Guthrie		
				999 9	Balance of county		
	043	000	2	999 9	Love	085	0000
	044	199	1		McClain	087	5880
				023 2	Oklahoma City, part		
				999 9	Balance of county		
	045	000	2	999 9	McCurtain	089	0000
	046	000	2	999 9	McIntosh	091	0000

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
38						Oregon	41		
	001	000	2	999	9	Baker		001	0000
	002	000	2			Benton		003	0000
				001	5	Albany, part			
				007	5	Corvallis			
				999	9	Balance of county			
	003	218	1			Clackamas		005	6440
				015	6	Lake Oswego, part			
				019	6	Milwaukie, part			
				021	6	Oregon City			
				023	2	Portland, part			
				028	6	West Linn			
				999	9	Balance of county			
	004	000	2	999	9	Clatsop		007	0000
	005	000	2	999	9	Columbia		009	0000
	006	000	2			Coos		011	0000
				006	6	Coos Bay			
				999	9	Balance of county			
	007	000	2	999	9	Crook		013	0000
	008	000	2	999	9	Curry		015	0000
	009	000	2			Deschutes		017	0000
				004	6	Bend			
				999	9	Balance of county			
	010	000	2			Douglas		019	0000
				024	6	Roseburg			
				999	9	Balance of county			
	011	000	2	999	9	Gilliam		021	0000
	012	000	2	999	9	Grant		023	0000
	013	000	2	999	9	Harney		025	0000
	014	000	2	999	9	Hood River		027	0000
	015	170	1			Jackson		029	4890
				002	6	Ashland			
				018	5	Medford			
				999	9	Balance of county			
	016	000	2	999	9	Jefferson		031	0000
	017	000	2			Josephine		033	0000
				010	6	Grants Pass			
				999	9	Balance of county			
	018	000	2			Klamath		035	0000
				013	6	Klamath Falls			
				999	9	Balance of county			
	019	000	2	999	9	Lake		037	0000
	020	087	1			Lane		039	2400
				008	3	Eugene			
				026	5	Springfield			
				999	9	Balance of county			
	021	000	2	999	9	Lincoln		041	0000
	022	000	2			Linn		043	0000
				001	5	Albany, part			
				016	6	Lebanon			
				999	9	Balance of county			
	023	000	2	999	9	Malheur		045	0000
	024	242	1			Marion		047	7080
				025	4	Salem, part			
				029	6	Woodburn			
				999	9	Balance of county			
	025	000	2	999	9	Morrow		049	0000
	026	218	1			Multnomah		051	6440
				011	5	Gresham			
				015	6	Lake Oswego, part			
				019	6	Milwaukie, part			
				023	2	Portland, part			
				999	9	Balance of county			
	027	242	1			Polk		053	7080
				025	4	Salem, part			
				999	9	Balance of county			
	028	000	2	999	9	Sherman		055	0000
	029	000	2	999	9	Tillamook		057	0000
	030	000	2			Umatilla		059	0000
				022	6	Pendleton			
				999	9	Balance of county			
	031	000	2			Union		061	0000
				014	6	La Grande			
				999	9	Balance of county			
	032	000	2	999	9	Wallowa		063	0000

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

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

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S		St Cnty	SMSA	
39					Pennsylvania	42		
			999	9	Balance of county			
016	000	2	999	9	Clarion	031	0000	
017	000	2	999	9	Clearfield	033	0000	
018	000	2	999	9	Clinton	035	0000	
019	000	2			Columbia	037	0000	
			010	6	Berwick			
			013	6	Bloomsburg			
			999	9	Balance of county			
020	000	2			Crawford	039	0000	
			073	6	Meadville			
			999	9	Balance of county			
021	116	1			Cumberland	041	3240	
			021	6	Carlisle			
			038	6	East Pennsboro township			
			062	6	Lower Allen township			
			999	9	Balance of county			
022	116	1			Dauphin	043	3240	
			046	4	Harrisburg			
			066	5	Lower Paxton township			
			074	6	Middletown			
			120	6	Susquehanna township			
			121	6	Swatara township			
			999	9	Balance of county			
023	212	1			Delaware	045	6160	
			005	6	Aston township			
			026	5	Chester			
			031	6	Darby			
			032	6	Darby township			
			049	4	Haverford township			
			059	6	Lansdowne			
			072	6	Marple township			
			076	6	Middletown township			
			085	6	Nether Providence township			
			088	6	Newtown township			
			103	5	Radnor township			
			105	5	Ridley township			
			115	5	Springfield township			
			126	6	Upper Chichester township			
			127	4	Upper Darby township			
			146	6	Yeadon			
			999	9	Balance of county			
024	000	2	999	9	Elk	047	0000	
025	086	1			Erie	049	2360	
			042	3	Erie			
			077	5	Millcreek township			
			999	9	Balance of county			
026	000	2			Fayette	051	0000	
			030	6	Connellsville			
			125	6	Uniontown			
			999	9	Balance of county			
027	000	2	999	9	Forest	053	0000	
028	000	2			Franklin	055	0000	
			024	6	Chambersburg			
			999	9	Balance of county			
029	000	2	999	9	Fulton	057	0000	
030	000	2	999	9	Greene	059	0000	
031	000	2	999	9	Huntingdon	061	0000	
032	000	2			Indiana	063	0000	
			052	6	Indiana			
			999	9	Balance of county			
033	000	2	999	9	Jefferson	065	0000	
034	000	2	999	9	Juniata	067	0000	
035	196	1			Lackawanna	069	5745	
			020	6	Carbondale			
			034	6	Dunmore			
			109	4	Scranton			
			999	9	Balance of county			
036	146	1			Lancaster	071	4000	
			029	6	Columbia			
			041	6	Ephrata			
			056	4	Lancaster			
			057	6	Lancaster township			
			071	5	Manheim township			
			999	9	Balance of county			

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
39					Pennsylvania	42	
	037	000	2		Lawrence		073 0000
			086	5	New Castle		
			999	9	Balance of county		
	038	000	2		Lebanon		075 0000
			061	5	Lebanon		
			999	9	Balance of county		
	039	007	1		Lehigh		077 0240
			003	3	Allentown		
			012	4	Bethlehem, part		
			040	6	Emmaus		
			107	6	Salisbury township		
			141	6	Whitehall township		
			999	9	Balance of county		
	040	196	1		Luzerne		079 5745
			050	5	Hazleton		
			055	6	Kingston		
			084	6	Nanticoke		
			143	4	Wilkes-Barre		
			999	9	Balance of county		
	041	298	1		Lycoming		081 9140
			145	5	Williamsport		
			999	9	Balance of county		
	042	000	2		McKean		083 0000
			014	6	Bradford		
			999	9	Balance of county		
	043	257	1		Mercer		085 7610
			112	6	Sharon		
			999	9	Balance of county		
	044	000	2		Mifflin		087 0000
	045	196	1		Monroe		089 5745
	046	212	1		Montgomery		091 6160
			001	4	Abington township		
			025	5	Cheltenham township		
			036	6	East Norriton township		
			048	6	Hatfield township		
			058	6	Lansdale		
			064	4	Lower Merion township		
			065	6	Lower Moreland township		
			067	6	Lower Providence township		
			089	5	Norristown		
			100	6	Plymouth township		
			101	6	Pottstown		
			116	5	Springfield township		
			123	6	Towamencin township		
			128	6	Upper Dublin township		
			129	5	Upper Merion township		
			130	5	Upper Moreland township		
			139	6	West Norriton township		
			142	6	Whitemarsh township		
			999	9	Balance of county		
	047	000	2		Montour		093 0000
	048	007	1		Northampton		095 0240
			012	4	Bethlehem, part		
			037	5	Easton		
			094	6	Palmer township		
			999	9	Balance of county		
	049	000	2		Northumberland		097 0000
			111	6	Shamokin		
			119	6	Sunbury		
			999	9	Balance of county		
	050	116	1		Perry		099 3240
	051	212	1		Philadelphia, coext. with Philadelphia city		101 6160
	052	000	2		Pike		103 0000
	053	000	2		Potter		105 0000
	054	000	2		Schuylkill		107 0000
			102	6	Pottsville		
			999	9	Balance of county		
	055	000	2		Snyder		109 0000
	056	132	1		Somerset		111 3680
	057	000	2		Sullivan		113 0000
	058	034	1		Susquehanna		115 0960
	059	000	2		Tioga		117 0000
	060	000	2		Union		119 0000
	061	000	2		Venango		121 0000
			093	6	Oil City		

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
39						Pennsylvania	42		
	062	000	2	999	9	Balance of county			
						Warren	123	0000	
				134	6	Warren			
				999	9	Balance of county			
	063	215	1			Washington	125	6280	
				019	6	Canonsburg			
				135	6	Washington			
				999	9	Balance of county			
	064	000	2	999	9	Wayne	127	0000	
	065	215	1			Westmoreland	129	6280	
				044	6	Greensburg			
				051	5	Hempfield township			
				053	6	Jeannette			
				060	6	Latrobe			
				063	6	Lower Burrell			
				078	6	Monessen			
				083	6	Municipality of Murrysville			
				087	6	New Kensington			
				091	5	North Huntingdon township			
				999	9	Balance of county			
	066	000	2	999	9	Wyoming	131	0000	
	067	303	1			York	133	9280	
				045	6	Hanover			
				114	6	Springettsbury township			
				117	6	Spring Garden township			
				147	5	York			
				999	9	Balance of county			



Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
40						Rhode Island	44
	001	221	1			Bristol	001 6483
				001	6	Barrington town	
				002	6	Bristol town	
				014	6	Warren town	
				999	9	Balance of county	
	002	221	1			Kent	003 6483
				004	5	Coventry town	
				015	4	Warwick	
				016	5	West Warwick town	
				999	9	Balance of county	
	003	000	2			Newport	005 0000
				009	6	Middletown town	
				010	5	Newport	
				999	9	Balance of county	
	004	221	1			Providence	007 6483
				003	6	Central Falls	
				005	4	Cranston	
				006	5	Cumberland town	
				007	4	East Providence	
				008	6	Johnston town	
				011	5	North Providence town	
				012	4	Pawtucket	
				013	3	Providence	
				017	5	Woonsocket	
				999	9	Balance of county	
	005	221	1	999	9	Washington	009 6483

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S		St	Cnty SMSA
41					South Carolina	45	
	001	000	2	999 9	Abbeville		001 0000
	002	021	1		Aiken		003 0600
				001 6	Aiken		
				019 6	North Augusta		
				999 9	Balance of county		
	003	000	2	999 9	Allendale		005 0000
	004	013	1		Anderson		007 0405
				002 5	Anderson		
				999 9	Balance of county		
	005	000	2	999 9	Bamberg		009 0000
	006	000	2	999 9	Barnwell		011 0000
	007	000	2	999 9	Beaufort		013 0000
	008	053	1		Berkeley		015 1440
				011 6	Goose Creek		
				015 6	Hanahan		
				020 4	North Charleston, part		
				999 9	Balance of county		
	009	000	2	999 9	Calhoun		017 0000
	010	053	1		Charleston		019 1440
				004 4	Charleston		
				017 6	Mount Pleasant		
				020 4	North Charleston, part		
				999 9	Balance of county		
	011	000	2		Cherokee		021 0000
				009 6	Gaffney		
				999 9	Balance of county		
	012	000	2	999 9	Chester		023 0000
	013	000	2	999 9	Chesterfield		025 0000
	014	000	2	999 9	Clarendon		027 0000
	015	000	2	999 9	Colleton		029 0000
	016	000	2	999 9	Darlington		031 0000
	017	000	2	999 9	Dillon		033 0000
	018	053	1	999 9	Dorchester		035 1440
	019	000	2	999 9	Edgefield		037 0000
	020	000	2	999 9	Fairfield		039 0000
	021	094	1		Florence		041 2655
				008 5	Florence		
				999 9	Balance of county		
	022	000	2		Georgetown		043 0000
				010 6	Georgetown		
				999 9	Balance of county		
	023	113	1		Greenville		045 3160
				012 4	Greenville		
				014 6	Greer, part		
				999 9	Balance of county		
	024	000	2		Greenwood		047 0000
				013 6	Greenwood		
				999 9	Balance of county		
	025	000	2	999 9	Hampton		049 0000
	026	000	2		Horry		051 0000
				006 6	Conway		
				018 6	Myrtle Beach		
				999 9	Balance of county		
	027	000	2	999 9	Jasper		053 0000
	028	000	2	999 9	Kershaw		055 0000
	029	000	2	999 9	Lancaster		057 0000
	030	000	2		Laurens		059 0000
				016 6	Laurens		
				999 9	Balance of county		
	031	000	2	999 9	Lee		061 0000
	032	065	1		Lexington		063 1760
				003 6	Cayce		
				026 6	West Columbia		
				999 9	Balance of county		
	033	000	2	999 9	McCormick		065 0000
	034	000	2	999 9	Marion		067 0000
	035	000	2	999 9	Marlboro		069 0000
	036	000	2	999 9	Newberry		071 0000
	037	000	2	999 9	Oconee		073 0000
	038	000	2		Orangeburg		075 0000
				021 6	Orangeburg		
				999 9	Balance of county		
	039	113	1		Pickens		077 3160
				007 6	Easley		

Vital Statistics Codes						FIPS Codes	
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA
41					South Carolina	45	
			999	9	Balance of county		
040	065	1			Richland	079	1760
			005	3	Columbia		
			999	9	Balance of county		
041	000	2	999	9	Saluda	081	0000
042	113	1			Spartanburg	083	3160
			014	6	Greer, part		
			023	5	Spartanburg		
			999	9	Balance of county		
043	000	2			Sumter	085	0000
			024	6	Sumter		
			999	9	Balance of county		
044	000	2			Union	087	0000
			025	6	Union		
			999	9	Balance of county		
045	000	2	999	9	Williamsburg	089	0000
046	236	1			York	091	6885
			022	5	Rock Hill		
			999	9	Balance of county		

Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
42					South Dakota	46		
	001	000	2	999 9	Aurora		003	0000
	002	000	2		Beadle		005	0000
				003 6	Huron			
				999 9	Balance of county			
	003	000	2	999 9	Bennett		007	0000
	004	000	2	999 9	Bon Homme		009	0000
	005	000	2		Brookings		011	0000
				002 6	Brookings			
				999 9	Balance of county			
	006	000	2		Brown		013	0000
				001 5	Aberdeen			
				999 9	Balance of county			
	007	000	2	999 9	Brule		015	0000
	008	000	2	999 9	Buffalo		017	0000
	009	000	2	999 9	Butte		019	0000
	010	000	2	999 9	Campbell		021	0000
	011	000	2	999 9	Charles Mix		023	0000
	012	000	2	999 9	Clark		025	0000
	013	000	2		Clay		027	0000
				008 6	Vermillion			
				999 9	Balance of county			
	014	000	2		Codington		029	0000
				009 6	Watertown			
				999 9	Balance of county			
	015	000	2	999 9	Corson		031	0000
	016	000	2	999 9	Custer		033	0000
	017	000	2		Davison		035	0000
				004 6	Mitchell			
				999 9	Balance of county			
	018	000	2	999 9	Day		037	0000
	019	000	2	999 9	Deuel		039	0000
	020	000	2	999 9	Dewey		041	0000
	021	000	2	999 9	Douglas		043	0000
	022	000	2	999 9	Edmunds		045	0000
	023	000	2	999 9	Fall River		047	0000
	024	000	2	999 9	Faulk		049	0000
	025	000	2	999 9	Grant		051	0000
	026	000	2	999 9	Gregory		053	0000
	027	000	2	999 9	Haakon		055	0000
	028	000	2	999 9	Hamlin		057	0000
	029	000	2	999 9	Hand		059	0000
	030	000	2	999 9	Hanson		061	0000
	031	000	2	999 9	Harding		063	0000
	032	000	2		Hughes		065	0000
				005 6	Pierre			
				999 9	Balance of county			
	033	000	2	999 9	Hutchinson		067	0000
	034	000	2	999 9	Hyde		069	0000
	035	000	2	999 9	Jackson		071	0000
	036	000	2	999 9	Jerauld		073	0000
	037	000	2	999 9	Jones		075	0000
	038	000	2	999 9	Kingsbury		077	0000
	039	000	2	999 9	Lake		079	0000
	040	000	2	999 9	Lawrence		081	0000
	041	000	2		Lincoln		083	0000
				007 4	Sioux Falls, part			
				999 9	Balance of county			
	042	000	2	999 9	Lyman		085	0000
	043	000	2	999 9	McCook		087	0000
	044	000	2	999 9	McPherson		089	0000
	045	000	2	999 9	Marshall		091	0000
	046	000	2	999 9	Meade		093	0000
	047	000	2	999 9	Mellette		095	0000
	048	000	2	999 9	Miner		097	0000
	049	262	1		Minnehaha		099	7760
				007 4	Sioux Falls, part			
				999 9	Balance of county			
	050	000	2	999 9	Moody		101	0000
	051	000	2		Pennington		103	0000
				006 5	Rapid City			
				999 9	Balance of county			
	052	000	2	999 9	Perkins		105	0000
	053	000	2	999 9	Potter		107	0000
	054	000	2	999 9	Roberts		109	0000

Vital Statistics Codes						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country	St	Cnty	SMSA
42						South Dakota	46		
	055	000	2	999	9	Sanborn		111	0000
	056	000	2	999	9	Shannon		113	0000
	057	000	2	999	9	Spink		115	0000
	058	000	2	999	9	Stanley		117	0000
	059	000	2	999	9	Sully		119	0000
	060	000	2	999	9	Todd		121	0000
	061	000	2	999	9	Tripp		123	0000
	062	000	2	999	9	Turner		125	0000
	063	000	2	999	9	Union		127	0000
	064	000	2	999	9	Walworth		129	0000
	065	000	2			Yankton		135	0000
				010	6	Yankton			
				999	9	Balance of county			
	066	000	2	999	9	Ziebach		137	0000

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
43						Tennessee	47
	001	139	1			Anderson	001 3840
				031	5	Oak Ridge, part	
				999	9	Balance of county	
	002	000	2			Bedford	003 0000
				034	6	Shelbyville	
				999	9	Balance of county	
	003	000	2			Benton	005 0000
	004	000	2			Bledsoe	007 0000
	005	139	1			Blount	009 3840
				025	6	Maryville	
				999	9	Balance of county	
	006	000	2			Bradley	011 0000
				006	5	Cleveland	
				999	9	Balance of county	
	007	000	2			Campbell	013 0000
	008	000	2			Cannon	015 0000
	009	000	2			Carroll	017 0000
	010	131	1			Carter	019 3660
				011	6	Elizabethton	
				019	5	Johnson City, part	
				999	9	Balance of county	
	011	183	1			Cheatham	021 5360
	012	000	2			Chester	023 0000
	013	000	2			Claiborne	025 0000
	014	000	2			Clay	027 0000
	015	000	2			Cocke	029 0000
	016	000	2			Coffee	031 0000
				036	6	Tullahoma, part	
				999	9	Balance of county	
	017	000	2			Crockett	033 0000
	018	000	2			Cumberland	035 0000
	019	183	1			Davidson	037 5360
				030	2	Nashville-Davidson	
				999	9	Balance of county	
	020	000	2			Decatur	039 0000
	021	000	2			De Kalb	041 0000
	022	183	1			Dickson	043 5360
	023	000	2			Dyer	045 0000
				009	6	Dyersburg	
				999	9	Balance of county	
	024	000	2			Fayette	047 0000
	025	000	2			Fentress	049 0000
	026	000	2			Franklin	051 0000
				036	6	Tullahoma, part	
				999	9	Balance of county	
	027	000	2			Gibson	053 0000
				017	6	Humboldt	
				999	9	Balance of county	
	028	000	2			Giles	055 0000
	029	000	2			Grainger	057 0000
	030	000	2			Greene	059 0000
				015	6	Greeneville	
				999	9	Balance of county	
	031	000	2			Grundy	061 0000
	032	000	2			Hamblen	063 0000
				028	6	Morristown	
				999	9	Balance of county	
	033	057	1			Hamilton	065 1560
				004	3	Chattanooga	
				010	6	East Ridge	
				033	6	Red Bank	
				999	9	Balance of county	
	034	000	2			Hancock	067 0000
	035	000	2			Hardeman	069 0000
	036	000	2			Hardin	071 0000
	037	131	1			Hawkins	073 3660
				020	5	Kingsport, part	
				999	9	Balance of county	
	038	000	2			Haywood	075 0000
	039	000	2			Henderson	077 0000
	040	000	2			Henry	079 0000
				032	6	Paris	
				999	9	Balance of county	
	041	000	2			Hickman	081 0000

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
43						Tennessee	47
	042	000	2	999	9	Houston	083 0000
	043	000	2	999	9	Humphreys	085 0000
	044	000	2	999	9	Jackson	087 0000
	045	000	2	999	9	Jefferson	089 0000
	046	000	2	999	9	Johnson	091 0000
	047	139	1			Knox	093 3840
				021	3	Knoxville	
				999	9	Balance of county	
	048	000	2	999	9	Lake	095 0000
	049	000	2	999	9	Lauderdale	097 0000
	050	000	2			Lawrence	099 0000
				022	6	Lawrenceburg	
				999	9	Balance of county	
	051	000	2	999	9	Lewis	101 0000
	052	000	2	999	9	Lincoln	103 0000
	053	000	2	999	9	Loudon	105 0000
	054	000	2			McMinn	107 0000
				001	6	Athens	
				999	9	Balance of county	
	055	000	2	999	9	McNairy	109 0000
	056	000	2	999	9	Macon	111 0000
	057	000	2			Madison	113 0000
				018	5	Jackson	
				999	9	Balance of county	
	058	057	1	999	9	Marion	115 1560
	059	000	2	999	9	Marshall	117 0000
	060	000	2			Maury	119 0000
				007	5	Columbia	
				999	9	Balance of county	
	061	000	2	999	9	Meigs	121 0000
	062	000	2	999	9	Monroe	123 0000
	063	061	1			Montgomery	125 1660
				005	4	Clarksville	
				999	9	Balance of county	
	064	000	2	999	9	Moore	127 0000
	065	000	2	999	9	Morgan	129 0000
	066	000	2			Obion	131 0000
				037	6	Union City	
				999	9	Balance of county	
	067	000	2	999	9	Overton	133 0000
	068	000	2	999	9	Perry	135 0000
	069	000	2	999	9	Pickett	137 0000
	070	000	2	999	9	Polk	139 0000
	071	000	2			Putnam	141 0000
				008	6	Cookeville	
				999	9	Balance of county	
	072	000	2	999	9	Rhea	143 0000
	073	000	2			Roane	145 0000
				031	5	Oak Ridge, part	
				999	9	Balance of county	
	074	183	1			Robertson	147 5360
				035	6	Springfield	
				999	9	Balance of county	
	075	183	1			Rutherford	149 5360
				029	5	Murfreesboro	
				999	9	Balance of county	
	076	000	2	999	9	Scott	151 0000
	077	057	1	999	9	Sequatchie	153 1560
	078	000	2	999	9	Sevier	155 0000
	079	172	1			Shelby	157 4920
				002	6	Bartlett	
				014	6	Germantown	
				026	1	Memphis	
				027	6	Millington	
				999	9	Balance of county	
	080	000	2	999	9	Smith	159 0000
	081	000	2	999	9	Stewart	161 0000
	082	131	1			Sullivan	163 3660
				003	6	Bristol	
				020	5	Kingsport, part	
				999	9	Balance of county	
	083	183	1			Sumner	165 5360
				013	6	Gallatin	
				016	5	Hendersonville	

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



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

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

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
44						Texas	48		
				999	9	Balance of county			
	069	000	2	999	9	Edwards		137	0000
	070	070	1			Ellis		139	1920
				048	6	Ennis			
				058	4	Grand Prairie, part			
				146	6	Waxahachie			
				999	9	Balance of county			
	071	082	1			El Paso		141	2320
				047	2	El Paso			
				999	9	Balance of county			
	072	000	2			Erath		143	0000
				128	6	Stephenville			
				999	9	Balance of county			
	073	000	2	999	9	Falls		145	0000
	074	000	2	999	9	Fannin		147	0000
	075	000	2	999	9	Fayette		149	0000
	076	000	2	999	9	Fisher		151	0000
	077	000	2	999	9	Floyd		153	0000
	078	000	2	999	9	Foard		155	0000
	079	120	1			Fort Bend		157	3360
				066	0	Houston, part			
				095	6	Missouri City, part			
				118	6	Rosenberg			
				999	9	Balance of county			
	080	000	2	999	9	Franklin		159	0000
	081	000	2	999	9	Freestone		161	0000
	082	000	2	999	9	Frio		163	0000
	083	000	2	999	9	Gaines		165	0000
	084	104	1			Galveston		167	2920
				054	6	Friendswood, part			
				056	4	Galveston			
				076	6	La Marque			
				081	6	League City			
				135	5	Texas City			
				999	9	Balance of county			
	085	000	2	999	9	Garza		169	0000
	086	000	2	999	9	Gillespie		171	0000
	087	000	2	999	9	Glasscock		173	0000
	088	000	2	999	9	Goliad		175	0000
	089	000	2	999	9	Gonzales		177	0000
	090	000	2			Gray		179	0000
				104	6	Pampa			
				999	9	Balance of county			
	091	259	1			Grayson		181	7640
				039	6	Denison			
				125	5	Sherman			
				999	9	Balance of county			
	092	159	1			Gregg		183	4420
				072	6	Kilgore, part			
				084	4	Longview, part			
				999	9	Balance of county			
	093	000	2	999	9	Grimes		185	0000
	094	247	1			Guadalupe		187	7240
				099	6	New Braunfels, part			
				124	6	Seguin			
				999	9	Balance of county			
	095	000	2			Hale		189	0000
				110	6	Plainview			
				999	9	Balance of county			
	096	000	2	999	9	Hall		191	0000
	097	000	2	999	9	Hamilton		193	0000
	098	000	2	999	9	Hansford		195	0000
	099	000	2	999	9	Hardeman		197	0000
	100	029	1	999	9	Hardin		199	0840
	101	120	1			Harris		201	3360
				012	4	Baytown, part			
				016	6	Bellaire			
				037	6	Deer Park			
				054	6	Friendswood, part			
				066	0	Houston, part			
				079	6	La Porte			
				095	6	Missouri City, part			
				106	3	Pasadena			
				107	6	Pearland, part			

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

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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
44						Texas	48
				113	6	Portland, part	
				117	6	Robstown	
				999	9	Balance of county	
179	000	2		999	9	Ochiltree	357 0000
180	000	2		999	9	Oldham	359 0000
181	029	1				Orange	361 0840
				102	6	Orange	
				143	6	Vidor	
				999	9	Balance of county	
182	000	2				Palo Pinto	363 0000
				093	6	Mineral Wells, part	
				999	9	Balance of county	
183	000	2		999	9	Panola	365 0000
184	070	1				Parker	367 1920
				093	6	Mineral Wells, part	
				147	6	Weatherford	
				999	9	Balance of county	
185	000	2		999	9	Parmer	369 0000
186	000	2		999	9	Pecos	371 0000
187	000	2		999	9	Polk	373 0000
188	009	1				Potter	375 0320
				004	3	Amarillo, part	
				999	9	Balance of county	
189	000	2		999	9	Presidio	377 0000
190	000	2		999	9	Rains	379 0000
191	009	1				Randall	381 0320
				004	3	Amarillo, part	
				028	6	Canyon	
				999	9	Balance of county	
192	000	2		999	9	Reagan	383 0000
193	000	2		999	9	Real	385 0000
194	000	2		999	9	Red River	387 0000
195	000	2				Reeves	389 0000
				108	6	Pecos	
				999	9	Balance of county	
196	000	2		999	9	Refugio	391 0000
197	000	2		999	9	Roberts	393 0000
198	000	2		999	9	Robertson	395 0000
199	070	1				Rockwall	397 1920
				036	1	Dallas, part	
				057	3	Garland, part	
				999	9	Balance of county	
200	000	2		999	9	Runnels	399 0000
201	000	2				Rusk	401 0000
				064	6	Henderson	
				072	6	Kilgore, part	
				999	9	Balance of county	
202	000	2		999	9	Sabine	403 0000
203	000	2		999	9	San Augustine	405 0000
204	000	2		999	9	San Jacinto	407 0000
205	068	1				San Patricio	409 1880
				034	3	Corpus Christi, part	
				113	6	Portland, part	
				999	9	Balance of county	
206	000	2		999	9	San Saba	411 0000
207	000	2		999	9	Schleicher	413 0000
208	000	2				Scurry	415 0000
				126	6	Snyder	
				999	9	Balance of county	
209	000	2		999	9	Shackelford	417 0000
210	000	2		999	9	Shelby	419 0000
211	000	2		999	9	Sherman	421 0000
212	284	1				Smith	423 8640
				137	4	Tyler	
				999	9	Balance of county	
213	000	2		999	9	Somervell	425 0000
214	000	2		999	9	Starr	427 0000
215	000	2		999	9	Stephens	429 0000
216	000	2		999	9	Sterling	431 0000
217	000	2		999	9	Stonewall	433 0000
218	000	2		999	9	Sutton	435 0000
219	000	2		999	9	Swisher	437 0000
220	070	1				Tarrant	439 1920
				007	3	Arlington	

Vital Statistics Codes					FIPS Codes	
St Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty	SMSA
44				Texas	48	
			014 6	Bedford		
			018 6	Benbrook		
			027 6	Burleson, part		
			049 6	Eules		
			051 6	Forest Hill		
			052 2	Fort Worth		
			058 4	Grand Prairie, part		
			059 6	Grapevine, part		
			062 5	Haltom City		
			068 5	Hurst		
			100 5	North Richland Hills		
			145 6	Watauga		
			150 6	White Settlement		
			999 9	Balance of county		
221	001	1		Taylor	441	0040
			001 4	Abilene, part		
			999 9	Balance of county		
222	000	2	999 9	Terrell	443	0000
223	000	2		Terry	445	0000
			022 6	Brownfield		
			999 9	Balance of county		
224	000	2	999 9	Throckmorton	447	0000
225	000	2		Titus	449	0000
			096 6	Mount Pleasant		
			999 9	Balance of county		
226	246	1		Tom Green	451	7200
			120 4	San Angelo		
			999 9	Balance of county		
227	022	1		Travis	453	0640
			009 2	Austin, part		
			119 6	Round Rock, part		
			999 9	Balance of county		
228	000	2	999 9	Trinity	455	0000
229	000	2	999 9	Tyler	457	0000
230	000	2	999 9	Upshur	459	0000
231	000	2	999 9	Upton	461	0000
232	000	2		Uvalde	463	0000
			140 6	Uvalde		
			999 9	Balance of county		
233	000	2		Val Verde	465	0000
			038 5	Del Rio		
			999 9	Balance of county		
234	000	2	999 9	Van Zandt	467	0000
235	287	1		Victoria	469	8750
			142 4	Victoria		
			999 9	Balance of county		
236	000	2		Walker	471	0000
			067 6	Huntsville		
			999 9	Balance of county		
237	120	1	999 9	Waller	473	3360
238	000	2	999 9	Ward	475	0000
239	000	2		Washington	477	0000
			021 6	Brenham		
			999 9	Balance of county		
240	148	1		Webb	479	4080
			080 4	Laredo		
			999 9	Balance of county		
241	000	2		Wharton	481	0000
			046 6	El Campo		
			999 9	Balance of county		
242	000	2	999 9	Wheeler	483	0000
243	297	1		Wichita	485	9080
			026 6	Burkburnett		
			151 4	Wichita Falls, part		
			999 9	Balance of county		
244	000	2		Wilbarger	487	0000
			141 6	Vernon		
			999 9	Balance of county		
245	000	2	999 9	Willacy	489	0000
246	022	1		Williamson	491	0640
			009 2	Austin, part		
			119 6	Round Rock, part		
			131 6	Taylor		
			999 9	Balance of county		

Vital Statistics Codes

FIPS Codes

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

St Cnty SMSA

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Texas

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247	000	2	999	9	Wilson	493	0000
248	000	2	999	9	Winkler	495	0000
249	070	1	999	9	Wise	497	1920
250	000	2	999	9	Wood	499	0000
251	000	2	999	9	Yoakum	501	0000
252	000	2	999	9	Young	503	0000
253	000	2	999	9	Zapata	505	0000
254	000	2	999	9	Zavala	507	0000



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

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

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

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

Vital Statistics Codes						FIPS Codes	
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty SMSA
48						Washington	53
	001	000	2	999	9	Adams	001 0000
	002	000	2	999	9	Asotin	003 0000
	003	229	1			Benton	005 6740
				011	5	Kennewick	
				029	5	Richland	
				999	9	Balance of county	
	004	000	2			Chelan	007 0000
				035	6	Wenatchee	
				999	9	Balance of county	
	005	000	2			Clallam	009 0000
				024	6	Port Angeles	
				999	9	Balance of county	
	006	218	1			Clark	011 6440
				033	5	Vancouver	
				999	9	Balance of county	
	007	000	2	999	9	Columbia	013 0000
	008	000	2			Cowlitz	015 0000
				010	6	Kelso	
				015	5	Longview	
				999	9	Balance of county	
	009	000	2	999	9	Douglas	017 0000
	010	000	2	999	9	Ferry	019 0000
	011	229	1			Franklin	021 6740
				023	6	Pasco	
				999	9	Balance of county	
	012	000	2	999	9	Garfield	023 0000
	013	000	2			Grant	025 0000
				018	6	Moses Lake	
				999	9	Balance of county	
	014	000	2			Grays Harbor	027 0000
				001	6	Aberdeen	
				999	9	Balance of county	
	015	000	2			Island	029 0000
				021	6	Oak Harbor	
				999	9	Balance of county	
	016	000	2	999	9	Jefferson	031 0000
	017	256	1			King	033 7600
				002	5	Auburn	
				003	4	Bellevue	
				012	6	Kent	
				013	6	Kirkland	
				017	6	Mercer Island	
				027	6	Redmond	
				028	5	Renton	
				030	2	Seattle	
				999	9	Balance of county	
	018	042	1			Kitsap	035 1150
				005	5	Bremerton	
				999	9	Balance of county	
	019	000	2			Kittitas	037 0000
				008	6	Ellensburg	
				999	9	Balance of county	
	020	000	2	999	9	Klickitat	039 0000
	021	000	2			Lewis	041 0000
				006	6	Centralia	
				999	9	Balance of county	
	022	000	2	999	9	Lincoln	043 0000
	023	000	2	999	9	Mason	045 0000
	024	000	2	999	9	Okanogan	047 0000
	025	000	2	999	9	Pacific	049 0000
	026	000	2	999	9	Pend Oreille	051 0000
	027	273	1			Pierce	053 8200
				026	6	Puyallup	
				032	3	Tacoma	
				999	9	Balance of county	
	028	000	2	999	9	San Juan	055 0000
	029	000	2			Skagit	057 0000
				020	6	Mount Vernon	
				999	9	Balance of county	
	030	000	2	999	9	Skamania	059 0000
	031	256	1			Snohomish	061 7600
				007	5	Edmonds	
				009	4	Everett	
				016	6	Lynnwood	

Vital Statistics Codes					FIPS Codes				
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St	Cnty	SMSA
48						Washington	53		
				019	6	Mountlake Terrace			
				999	9	Balance of county			
032	264	1				Spokane	063	7840	
				031	3	Spokane			
				999	9	Balance of county			
033	000	2				Stevens	065	0000	
034	200	1				Thurston	067	5910	
				014	6	Lacey			
				022	5	Olympia			
				999	9	Balance of county			
035	000	2				Wahkiakum	069	0000	
036	000	2				Walla Walla	071	0000	
				034	5	Walla Walla			
				999	9	Balance of county			
037	030	1				Whatcom	073	0860	
				004	5	Bellingham			
				999	9	Balance of county			
038	000	2				Whitman	075	0000	
				025	6	Pullman			
				999	9	Balance of county			
039	302	1				Yakima	077	9260	
				036	5	Yakima			
				999	9	Balance of county			

Vital Statistics Codes					State, County, City, or Country Name		FIPS Codes		
St	Cnty	SMSA	M/NM	City	P/S		St	Cnty	SMSA
49						West Virginia	54		
	001	000	2	999	9	Barbour		001	0000
	002	000	2			Berkeley		003	0000
				007	6	Martinsburg			
				999	9	Balance of county			
	003	000	2	999	9	Boone		005	0000
	004	000	2	999	9	Braxton		007	0000
	005	270	1			Brooke		009	8080
				014	6	Weirton, part			
				999	9	Balance of county			
	006	121	1			Cabell		011	3400
				006	4	Huntington, part			
				999	9	Balance of county			
	007	000	2	999	9	Calhoun		013	0000
	008	000	2	999	9	Clay		015	0000
	009	000	2	999	9	Doddridge		017	0000
	010	000	2	999	9	Fayette		019	0000
	011	000	2	999	9	Gilmer		021	0000
	012	000	2	999	9	Grant		023	0000
	013	000	2	999	9	Greenbrier		025	0000
	014	000	2	999	9	Hampshire		027	0000
	015	270	1			Hancock		029	8080
				014	6	Weirton, part			
				999	9	Balance of county			
	016	000	2	999	9	Hardy		031	0000
	017	000	2			Harrison		033	0000
				004	6	Clarksburg			
				999	9	Balance of county			
	018	000	2	999	9	Jackson		035	0000
	019	000	2	999	9	Jefferson		037	0000
	020	054	1			Kanawha		039	1480
				003	4	Charleston			
				011	6	St. Albans			
				012	6	South Charleston			
				999	9	Balance of county			
	021	000	2	999	9	Lewis		041	0000
	022	000	2	999	9	Lincoln		043	0000
	023	000	2	999	9	Logan		045	0000
	024	000	2	999	9	McDowell		047	0000
	025	000	2			Marion		049	0000
				005	6	Fairmont			
				999	9	Balance of county			
	026	295	1			Marshall		051	9000
				009	6	Moundsville			
				015	5	Wheeling, part			
				999	9	Balance of county			
	027	000	2	999	9	Mason		053	0000
	028	000	2			Mercer		055	0000
				002	6	Bluefield			
				999	9	Balance of county			
	029	069	1	999	9	Mineral		057	1900
	030	000	2	999	9	Mingo		059	0000
	031	000	2			Monongalia		061	0000
				008	5	Morgantown			
				999	9	Balance of county			
	032	000	2	999	9	Monroe		063	0000
	033	000	2	999	9	Morgan		065	0000
	034	000	2	999	9	Nicholas		067	0000
	035	295	1			Ohio		069	9000
				015	5	Wheeling, part			
				999	9	Balance of county			
	036	000	2	999	9	Pendleton		071	0000
	037	000	2	999	9	Pleasants		073	0000
	038	000	2	999	9	Pocahontas		075	0000
	039	000	2	999	9	Preston		077	0000
	040	054	1	999	9	Putnam		079	1480
	041	000	2			Raleigh		081	0000
				001	6	Beckley			
				999	9	Balance of county			
	042	000	2	999	9	Randolph		083	0000
	043	000	2	999	9	Ritchie		085	0000
	044	000	2	999	9	Roane		087	0000
	045	000	2	999	9	Summers		089	0000
	046	000	2	999	9	Taylor		091	0000
	047	000	2	999	9	Tucker		093	0000

Vital Statistics Codes						FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA	
49					West Virginia	54		
048	000	2	999	9	Tyler	095	0000	
049	000	2	999	9	Upshur	097	0000	
050	121	1			Wayne	099	3400	
			006	4	Huntington, part			
			999	9	Balance of county			
051	000	2	999	9	Webster	101	0000	
052	000	2	999	9	Wetzel	103	0000	
053	206	1	999	9	Wirt	105	6020	
054	206	1			Wood	107	6020	
			010	5	Parkersburg			
			013	6	Vienna			
			999	9	Balance of county			
055	000	2	999	9	Wyoming	109	0000	



Vital Statistics Codes					State, County, City, or Country Name	FIPS Codes		
St	Cnty	SMSA	M/NM	City P/S		St	Cnty	SMSA
50					Wisconsin	55		
	001	000	2	999 9	Adams		001	0000
	002	000	2	999 9	Ashland		003	0000
	003	000	2	999 9	Barron		005	0000
	004	000	2	999 9	Bayfield		007	0000
	005	111	1		Brown		009	3080
				001 6	Allouez town			
				003 6	Ashwaubenon			
				010 6	De Pere			
				016 4	Green Bay			
				999 9	Balance of county			
	006	000	2	999 9	Buffalo		011	0000
	007	000	2	999 9	Burnett		013	0000
	008	016	1		Calumet		015	0460
				002 4	Appleton, part			
				999 9	Balance of county			
	009	081	1		Chippewa		017	2290
				008 6	Chippewa Falls			
				011 4	Eau Claire, part			
				999 9	Balance of county			
	010	000	2	999 9	Clark		019	0000
	011	000	2	999 9	Columbia		021	0000
	012	000	2	999 9	Crawford		023	0000
	013	166	1		Dane		025	4720
				023 3	Madison			
				031 6	Middleton			
				045 6	Sun Prairie			
				999 9	Balance of county			
	014	000	2		Dodge		027	0000
				004 6	Beaver Dam			
				048 6	Watertown, part			
				999 9	Balance of county			
	015	000	2	999 9	Door		029	0000
	016	080	1		Douglas		031	2240
				046 5	Superior			
				999 9	Balance of county			
	017	000	2		Dunn		033	0000
				029 6	Menomonie			
				999 9	Balance of county			
	018	081	1		Eau Claire		035	2290
				011 4	Eau Claire, part			
				999 9	Balance of county			
	019	000	2	999 9	Florence		037	0000
	020	000	2		Fond du Lac		039	0000
				012 5	Fond du Lac			
				999 9	Balance of county			
	021	000	2	999 9	Forest		041	0000
	022	000	2	999 9	Grant		043	0000
	023	000	2		Green		045	0000
				033 6	Monroe			
				999 9	Balance of county			
	024	000	2	999 9	Green Lake		047	0000
	025	000	2	999 9	Iowa		049	0000
	026	000	2	999 9	Iron		051	0000
	027	000	2	999 9	Jackson		053	0000
	028	000	2		Jefferson		055	0000
				048 6	Watertown, part			
				055 6	Whitewater, part			
				999 9	Balance of county			
	029	000	2	999 9	Juneau		057	0000
	030	137	1		Kenosha		059	3800
				021 4	Kenosha			
				999 9	Balance of county			
	031	000	2	999 9	Kewaunee		061	0000
	032	141	1		La Crosse		063	3870
				022 5	La Crosse			
				999 9	Balance of county			
	033	000	2	999 9	Lafayette		065	0000
	034	000	2	999 9	Langlade		067	0000
	035	000	2	999 9	Lincoln		069	0000
	036	000	2		Manitowoc		071	0000
				024 5	Manitowoc			
				047 6	Two Rivers			
				999 9	Balance of county			
	037	293	1		Marathon		073	8940
				026 6	Marshfield, part			

Vital Statistics Codes					FIPS Codes	
St	Cnty	SMSA	M/NM	City P/S	State, County, City, or Country Name	St Cnty SMSA
50					Wisconsin	55
				050 5	Wausau	
				999 9	Balance of county	
038	000	2			Marinette	075 0000
				025 6	Marinette	
				999 9	Balance of county	
039	000	2		999 9	Marquette	077 0000
040	000	2		999 9	Menominee	078 0000
041	175	1			Milwaukee	079 5080
				007 6	Brown Deer	
				009 6	Cudahy	
				013 6	Franklin	
				015 6	Glendale	
				017 6	Greendale	
				018 5	Greenfield	
				032 1	Milwaukee, part	
				037 6	Oak Creek	
				040 6	St. Francis	
				042 6	Shorewood	
				043 6	South Milwaukee	
				051 4	Wauwatosa	
				052 4	West Allis	
				054 6	Whitefish Bay	
				999 9	Balance of county	
042	000	2		999 9	Monroe	081 0000
043	000	2		999 9	Oconto	083 0000
044	000	2		999 9	Oneida	085 0000
045	016	1			Outagamie	087 0460
				002 4	Appleton, part	
				020 6	Kaukauna	
				999 9	Balance of county	
046	175	1			Ozaukee	089 5080
				030 6	Mequon	
				999 9	Balance of county	
047	000	2		999 9	Pepin	091 0000
048	000	2		999 9	Pierce	093 0000
049	000	2		999 9	Polk	095 0000
050	000	2			Portage	097 0000
				044 6	Stevens Point	
				999 9	Balance of county	
051	000	2		999 9	Price	099 0000
052	224	1			Racine	101 6600
				039 4	Racine	
				999 9	Balance of county	
053	000	2		999 9	Richland	103 0000
054	129	1			Rock	105 3620
				005 5	Beloit	
				019 4	Janesville	
				999 9	Balance of county	
055	000	2		999 9	Rusk	107 0000
056	176	1		999 9	St. Croix	109 5120
057	000	2		999 9	Sauk	111 0000
058	000	2		999 9	Sawyer	113 0000
059	000	2		999 9	Shawano	115 0000
060	258	1			Sheboygan	117 7620
				041 5	Sheboygan	
				999 9	Balance of county	
061	000	2		999 9	Taylor	119 0000
062	000	2		999 9	Trempealeau	121 0000
063	000	2		999 9	Vernon	123 0000
064	000	2		999 9	Vilas	125 0000
065	000	2			Walworth	127 0000
				055 6	Whitewater, part	
				999 9	Balance of county	
066	000	2		999 9	Washburn	129 0000
067	175	1			Washington	131 5080
				014 6	Germantown	
				032 1	Milwaukee, part	
				053 6	West Bend	
				999 9	Balance of county	
068	175	1			Waukesha	133 5080
				006 5	Brookfield	
				028 5	Menomonee Falls	
				034 6	Muskego	
				036 5	New Berlin	

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

Vital Statistics Codes						FIPS Codes		
St Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name	St Cnty	SMSA	
51					Wyoming	56		
	001	000	2		Albany		001	0000
				005	Laramie			
				999	Balance of county			
	002	000	2	999	Big Horn		003	0000
	003	000	2		Campbell		005	0000
				003	Gillette			
				999	Balance of county			
	004	000	2		Carbon		007	0000
				006	Rawlins			
				999	Balance of county			
	005	000	2	999	Converse		009	0000
	006	000	2	999	Crook		011	0000
	007	000	2	999	Fremont		013	0000
	008	000	2	999	Goshen		015	0000
	009	000	2	999	Hot Springs		017	0000
	010	000	2	999	Johnson		019	0000
	011	000	2		Laramie		021	0000
				002	Cheyenne			
				999	Balance of county			
	012	000	2	999	Lincoln		023	0000
	013	050	1		Natrona		025	1350
				001	Casper			
				999	Balance of county			
	014	000	2	999	Niobrara		027	0000
	015	000	2	999	Park		029	0000
	016	000	2	999	Platte		031	0000
	017	000	2		Sheridan		033	0000
				008	Sheridan			
				999	Balance of county			
	018	000	2	999	Sublette		035	0000
	019	000	2		Sweetwater		037	0000
				004	Green River			
				007	Rock Springs			
				999	Balance of county			
	020	000	2	999	Teton		039	0000
	021	000	2	999	Uinta		041	0000
	022	000	2	999	Washakie		043	0000
	023	000	2	999	Weston		045	0000

Vital Statistics Codes						FIPS Codes			
St	Cnty	SMSA	M/NM	City	P/S	State, County, City, or Country Name			
St	Cnty	SMSA				St	Cnty	SMSA	
52	ZZZ	ZZZ	Z	ZZZ	Z	Puerto Rico	00	000	0000
53	ZZZ	ZZZ	Z	ZZZ	Z	Virgin Islands	00	000	0000
54	ZZZ	ZZZ	Z	ZZZ	Z	Guam	00	000	0000
55	ZZZ	ZZZ	Z	ZZZ	Z	Canada	00	000	0000
56	ZZZ	ZZZ	Z	ZZZ	Z	Cuba	00	000	0000
57	ZZZ	ZZZ	Z	ZZZ	Z	Mexico	00	000	0000
59	ZZZ	ZZZ	Z	ZZZ	Z	Remainder of World	00	000	0000

List of Standard Metropolitan Statistical Areas  
and their Component Counties

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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
016	50		Appleton-Oshkosh, Wis Wisconsin	0460	55	
		008	Calumet			015
		045	Outagamie			087
		071	Winnebago			139
017	34		Asheville, N.C North Carolina	0480	37	
		011	Buncombe			021
		058	Madison			115
018	11		Athens, Ga Georgia	0500	13	
		029	Clarke			059
		078	Jackson			157
		097	Madison			195
		108	Oconee			219
019	11		Atlanta, Ga Georgia	0520	13	
		018	Butts			035
		028	Cherokee			057
		031	Clayton			063
		033	Cobb			067
		044	De Kalb			089
		048	Douglas			097
		056	Fayette			113
		058	Forsyth			117
		060	Fulton			121
		067	Gwinnett			135
		075	Henry			151
		107	Newton			217
		110	Paulding			223
		122	Rockdale			247
		147	Walton			297
020	31		Atlantic City, N.J New Jersey	0560	34	
		001	Atlantic			001
021	11		Augusta, Ga.-S.C Georgia	0600	13	
		036	Columbia			073
		121	Richmond			245
	41		South Carolina		45	
		002	Aiken			003
022	44		Austin, Tex Texas	0640	48	
		105	Hays			209
		227	Travis			453
		246	Williamson			491
023	05		Bakersfield, Calif California	0680	06	
		015	Kern			029
024	21		Baltimore, Md Maryland	0720	24	
		002	Anne Arundel			003
		003	Baltimore			005
		004	Baltimore city			510
		007	Carroll			013
		013	Harford			025
		014	Howard			027
025	20		Bangor, Maine Maine	0733	23	
		010	Penobscot			019
026	19		Baton Rouge, La Louisiana	0760	22	
		003	Ascension			005
		017	East Baton Rouge			033
		032	Livingston			063
		061	West Baton Rouge			121



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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
057			Chattanooga, Tenn.-Ga	1560		
	11		Georgia		13	
		023	Catoosa			047
		041	Dade			083
		146	Walker			295
	43		Tennessee		47	
		033	Hamilton			065
		058	Marion			115
		077	Sequatchie			153
058			Chicago, Ill	1600		
	14		Illinois		17	
		016	Cook			031
		022	Du Page			043
		045	Kane			089
		049	Lake			097
		056	McHenry			111
		099	Will			197
059			Chico, Calif	1620		
	05		California		06	
		004	Butte			007
060			Cincinnati, Ohio-Ky.-Ind	1640		
	15		Indiana		18	
		015	Dearborn			029
	18		Kentucky		21	
		008	Boone			015
		019	Campbell			037
		059	Kenton			117
	36		Ohio		39	
		013	Clermont			025
		031	Hamilton			061
		083	Warren			165
061			Clarksville-Hopkinsville, Tenn.-Ky	1660		
	18		Kentucky		21	
		024	Christian			047
	43		Tennessee		47	
		063	Montgomery			125
062			Cleveland, Ohio	1680		
	36		Ohio		39	
		018	Cuyahoga			035
		028	Geauga			055
		043	Lake			085
		052	Medina			103
063			Colorado Springs, Colo	1720		
	06		Colorado		08	
		021	El Paso			041
		060	Teller			119
064			Columbia, Mo	1740		
	26		Missouri		29	
		010	Boone			019
065			Columbia, S.C	1760		
	41		South Carolina		45	
		032	Lexington			063
		040	Richland			079
066			Columbus, Ga.-Ala	1800		
	01		Alabama		01	
		057	Russell			113
	11		Georgia		13	
		026	Chattahoochee			053
		106	Muscogee			215
067			Columbus, Ohio	1840		
	36		Ohio		39	
		021	Delaware			041
		023	Fairfield			045
		025	Franklin			049
		049	Madison			097
		065	Pickaway			129

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

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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
111	50	005	Green Bay, Wis Wisconsin Brown	3080	55	009
112	34	029 034 041 076 085 099	Greensboro--Winston-Salem--High Point, N.C North Carolina Davidson Forsyth Guilford Randolph Stokes Yadkin	3120	37	057 067 081 151 169 197
113	41	023 039 042	Greenville-Spartanburg, S.C South Carolina Greenville Pickens Spartanburg	3160	45	045 077 083
114	21	022	Hagerstown, Md Maryland Washington	3180	24	043
115	36	009	Hamilton-Middletown, Ohio Ohio Butler	3200	39	017
116	39	021 022 050	Harrisburg, Pa Pennsylvania Cumberland Dauphin Perry	3240	42	041 043 099
117	07	002 004 007	Hartford-New Britain-Bristol, Conn Connecticut Hartford Middlesex Tolland	3283	09	003 007 013
118	34	002 018	Hickory, N.C North Carolina Alexander Catawba	3290	37	003 035
119	12	002	Honolulu, Hawaii Hawaii Honolulu	3320	15	003
120	44	020 079 101 146 170 237	Houston, Tex Texas Brazoria Fort Bend Harris Liberty Montgomery Waller	3360	48	039 157 201 291 339 473
121	18  36 49	010 045  044 006 050	Huntington-Ashland, W. Va.-Ky.-Ohio Kentucky Boyd Greenup Ohio Lawrence West Virginia Cabell Wayne	3400	21  39 54	019 089 087 011 099
122	01	042 045 048	Huntsville, Ala Alabama Limestone Madison Marshall	3440	01	083 089 095

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



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

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

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

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

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

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

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

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

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



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

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

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

Vital Statistics Codes			SMSA Name and County Components	FIPS Codes		
SMSA	State	County		SMSA	State	Cnty
288	31	006	Vineland-Millville-Bridgeton, N.J New Jersey Cumberland	8760	34	011
289	05	054	Visalia-Tulare-Porterville, Calif California Tulare	8780	06	107
290	44	155	Waco, Tex Texas McLennan	8800	48	309
291	09	001	Washington, D.C.-Md.-Va Dist. of Columbia District of Columbia	8840	11	001
	21	009	Maryland Charles		24	017
		016	Montgomery			031
		017	Prince George's			033
	47		Virginia		51	
		003	Alexandria city			510
		008	Arlington			013
		040	Fairfax			059
		041	Fairfax city			600
		042	Falls Church city			610
		073	Loudoun			107
		078	Manassas city			683
		079	Manassas Park city			685
		103	Prince William			153
292	16	007	Waterloo-Cedar Falls, Iowa Iowa Black Hawk	8920	19	013
293	50	037	Wausau, Wis Wisconsin Marathon	8940	55	073
294	10	050	West Palm Beach-Boca Raton, Fla Florida Palm Beach	8960	12	099
295	36	007	Wheeling, W. Va.-Ohio Ohio Belmont	9000	39	013
	49	026	West Virginia Marshall		54	051
		035	Ohio			069
296	17	008	Wichita, Kans Kansas Butler	9040	20	015
		087	Sedgwick			173
297	44	039	Wichita Falls, Tex Texas Clay	9080	48	077
		243	Wichita			485
298	39	041	Williamsport, Pa Pennsylvania Lycoming	9140	42	081
299	08	002	Wilmington, Del.-N.J.-Md Delaware New Castle	9160	10	003
	21	008	Maryland Cecil		24	015
	31	017	New Jersey Salem		34	033
300	34	010	Wilmington, N.C North Carolina Brunswick	9200	37	019
		065	New Hanover			129

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

FETAL DEATH DOCUMENTATION TABLE 1.  
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,  
 1989

(FETAL DEATHS BY PLACE OF OCCURRENCE INCLUDE FETAL DEATHS THAT OCCUR TO NONRESIDENTS OF  
 THE UNITED STATES)

STATE OF OCCURRENCE	TOTAL	ALL FETAL DEATHS			FETAL DEATHS WITH STATED OR PERSUMED GESTATION OF 20 WEEKS OR MORE			
		UNDER 20 WEEKS	20 WEEKS AND OVER	NOT STATED	TOTAL	20-27 WEEKS	28 WEEKS AND OVER	NOT STATED
United States.....	61,295	29,001	28,201	4,093	30,509	11,472	16,729	2,308
Alabama.....	636	21	611	4	615	287	324	4
Alaska.....	55	1	49	5	54	23	26	5
Arizona.....	381	10	367	4	371	122	245	4
Arkansas.....	264	5	255	4	259	88	167	4
California.....	3,922	70	3,233	619	3,852	1,063	2,170	619
Colorado.....	396	9	385	2	387	150	235	2
Connecticut.....	375	12	237	126	363	104	133	126
Delaware.....	86	1	72	13	85	27	45	13
Dist of Columbia..	274	4	204	66	270	82	122	66
Florida.....	1,656	27	1,526	103	1,629	610	916	103
Georgia.....	8,211	6,495	1,230	486	1,242	640	590	12
Hawaii.....	1,500	1,251	136	113	136	73	63	-
Idaho.....	106	3	103	-	103	43	60	-
Illinois.....	1,469	53	1,346	70	1,416	478	868	70
Indiana.....	627	10	592	25	617	205	387	25
Iowa.....	255	5	243	7	250	99	144	7
Kansas.....	245	6	236	3	239	99	137	3
Kentucky.....	442	21	410	11	421	168	242	11
Louisiana.....	633	20	511	102	613	194	317	102
Maine.....	100	3	79	18	97	31	48	18
Maryland.....	476	13	269	194	463	112	157	194
Massachusetts.....	564	11	551	2	553	213	338	2
Michigan.....	889	39	840	10	850	355	485	10
Minnesota.....	441	21	345	75	420	128	217	75
Mississippi.....	421	14	405	2	407	188	217	2
Missouri.....	525	9	507	9	516	199	308	9
Montana.....	75	2	71	2	73	23	48	2
Nebraska.....	161	2	144	15	159	51	93	15
Nevada.....	186	12	170	4	174	71	99	4
New Hampshire.....	112	2	109	1	110	41	68	1

FETAL DEATH DOCUMENTATION TABLE 1.  
 FETAL DEATHS BY PERIOD OF GESTATION AND STATE OF OCCURRENCE: UNITED STATES AND EACH STATE,  
 1989

(FETAL DEATHS BY PLACE OF OCCURRENCE INCLUDE FETAL DEATHS THAT OCCUR TO NONRESIDENTS OF  
 THE UNITED STATES)-Continued

STATE OF OCCURRENCE	TOTAL	ALL FETAL DEATHS			FETAL DEATHS WITH STATED OR PERSUMED GESTATION OF 20 WEEKS OR MORE			
		UNDER 20 WEEKS	20 WEEKS AND OVER	NOT STATED	TOTAL	20-27 WEEKS	28 WEEKS AND OVER	NOT STATED
New Jersey.....	953	43	602	308	910	247	355	308
New Mexico.....	118	3	110	5	115	27	83	5
New York excluding New York City...	11,169	9,458	1,204	507	1,243	607	597	39
New York City.....	4,913	2,973	1,683	257	1,722	894	789	39
North Carolina....	906	21	873	12	885	372	501	12
North Dakota.....	75	1	72	2	74	21	51	2
Ohio.....	1,170	24	1,138	8	1,146	426	712	8
Oklahoma.....	390	6	232	152	384	74	158	152
Oregon.....	236	4	227	5	232	83	144	5
Pennsylvania.....	1,942	435	1,421	86	1,507	682	739	86
Rhode Island.....	1,199	1,052	128	19	129	56	72	1
South Carolina....	614	32	570	12	582	246	324	12
South Dakota.....	76	1	75	-	75	24	51	-
Tennessee.....	464	10	448	6	454	101	347	6
Texas.....	2,166	67	2,009	90	2,099	698	1,311	90
Utah.....	236	9	225	2	227	87	138	2
Vermont.....	49	3	45	1	46	24	21	1
Virginia.....	8,039	6,689	849	501	856	459	390	7
Washington.....	381	6	352	23	375	135	217	23
West Virginia.....	180	-	180	-	180	66	114	-
Wisconsin.....	485	11	472	2	474	169	303	2
Wyoming.....	51	1	50	-	50	7	43	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
United States.....	30,469	15,376	13,780	1,313
White.....	20,520	10,289	9,408	823
All Other.....	1,011	495	468	48
BLACK.....	8,938	4,592	3,904	442
ALABAMA.....	632	327	298	7
White.....	303	144	155	4
All Other.....	1	-	1	-
BLACK.....	328	183	142	3
Alaska.....	53	30	22	1
White.....	28	17	11	-
All Other.....	19	11	8	-
BLACK.....	6	2	3	1
ARIZONA.....	366	182	181	3
White.....	306	151	152	3
All Other.....	34	19	15	-
BLACK.....	26	12	14	-
ARKANSAS.....	267	142	124	1
White.....	166	85	81	-
All Other.....	9	4	5	-
BLACK.....	92	53	38	1
California.....	3,850	1,955	1,867	28
White.....	2,916	1,474	1,420	22
All Other.....	311	160	149	2
BLACK.....	623	321	298	4
Colorado.....	382	182	174	26
White.....	328	156	150	22
All Other.....	18	8	9	1
BLACK.....	36	18	15	3



FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
Connecticut.....	363	182	167	14
White.....	274	143	121	10
All Other.....	5	2	3	-
BLACK.....	84	37	43	4
Delaware.....	81	44	35	2
White.....	52	25	26	1
All Other.....	1	1	-	-
BLACK.....	28	18	9	1
Dist of Columbia.....	161	95	60	6
White.....	11	3	8	-
All Other.....	-	-	-	-
BLACK.....	150	92	52	6
Florida.....	1,617	866	741	10
White.....	975	517	450	8
All Other.....	23	13	10	-
BLACK.....	619	336	281	2
Georgia.....	1,222	571	483	168
White.....	524	242	212	70
All Other.....	5	2	2	1
BLACK.....	693	327	269	97
Hawaii.....	134	59	48	27
White.....	45	22	12	11
All Other.....	83	36	32	15
BLACK.....	6	1	4	1
Idaho.....	113	62	48	3
White.....	109	59	47	3
All Other.....	3	2	1	-
BLACK.....	1	1	-	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
Illinois.....	1,452	756	671	25
White.....	887	452	420	15
All Other.....	20	14	5	1
BLACK.....	545	290	246	9
Indiana.....	628	323	301	4
White.....	521	273	244	4
All Other.....	3	2	1	-
BLACK.....	104	48	56	-
Iowa.....	248	121	125	2
White.....	226	114	111	1
All Other.....	7	3	3	1
BLACK.....	15	4	11	-
Kansas.....	238	128	108	2
White.....	192	100	90	2
All Other.....	3	3	-	-
BLACK.....	43	25	18	-
Kentucky.....	427	220	196	11
White.....	357	184	164	9
All Other.....	3	1	2	-
BLACK.....	67	35	30	2
Louisiana.....	611	320	284	7
White.....	257	136	119	2
All Other.....	5	1	3	1
BLACK.....	349	183	162	4
Maine.....	99	47	47	5
White.....	98	47	46	5
All Other.....	1	-	1	-
BLACK.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
Maryland.....	552	309	231	12
White.....	251	144	100	7
All Other.....	11	3	8	-
BLACK.....	290	162	123	5
Massachusetts.....	534	274	252	8
White.....	424	219	200	5
All Other.....	16	5	10	1
BLACK.....	94	50	42	2
Michigan.....	858	443	391	24
White.....	568	310	244	14
All Other.....	10	4	5	1
BLACK.....	280	129	142	9
Minnesota.....	415	206	204	5
White.....	354	174	175	5
All Other.....	25	12	13	-
BLACK.....	36	20	16	-
Mississippi.....	414	206	194	14
White.....	126	59	64	3
All Other.....	4	3	1	-
BLACK.....	284	144	129	11
Missouri.....	503	251	242	10
White.....	369	179	184	6
All Other.....	7	3	4	-
BLACK.....	127	69	54	4
Montana.....	84	55	29	-
White.....	66	43	23	-
All Other.....	18	12	6	-
BLACK.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
Nebraska.....	153	83	68	2
White.....	131	73	57	1
All Other.....	7	1	5	1
BLACK.....	15	9	6	-
Nevada.....	168	93	73	2
White.....	128	73	53	2
All Other.....	8	3	5	-
BLACK.....	32	17	15	-
New Hampshire.....	123	66	57	-
White.....	118	64	54	-
All Other.....	2	1	1	-
BLACK.....	3	1	2	-
New Jersey.....	956	486	421	49
White.....	600	311	261	28
All Other.....	24	11	9	4
BLACK.....	332	164	151	17
New Mexico.....	115	60	54	1
White.....	88	47	41	-
All Other.....	23	11	11	1
BLACK.....	4	2	2	-
New York.....	2,952	1,320	1,158	474
White.....	1,804	781	709	314
All Other.....	62	28	21	13
BLACK.....	1,086	511	428	147
North Carolina.....	880	459	409	12
White.....	457	229	222	6
All Other.....	22	9	13	-
BLACK.....	401	221	174	6

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
North Dakota.....	59	32	26	1
White.....	54	32	21	1
All Other.....	5	-	5	-
BLACK.....	-	-	-	-
Ohio.....	1,131	587	532	12
White.....	866	454	403	9
All Other.....	6	2	4	-
BLACK.....	259	131	125	3
Oklahoma.....	393	205	184	4
White.....	270	135	131	4
All Other.....	42	27	15	-
BLACK.....	81	43	38	-
Oregon.....	221	114	100	7
White.....	204	102	97	5
All Other.....	9	5	3	1
BLACK.....	8	7	-	1
Pennsylvania.....	1,491	750	669	72
White.....	1,103	538	515	50
All Other.....	17	6	10	1
BLACK.....	371	206	144	21
Rhode Island.....	125	45	58	22
White.....	106	39	48	19
All Other.....	1	-	-	1
BLACK.....	18	6	10	2
South Carolina.....	600	298	276	26
White.....	217	112	93	12
All Other.....	4	4	-	-
BLACK.....	379	182	183	14

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
South Dakota.....	71	34	35	2
White.....	52	25	26	1
All Other.....	16	8	8	-
BLACK.....	3	1	1	1
Tennessee.....	414	234	177	3
White.....	285	160	122	3
All Other.....	6	3	3	-
BLACK.....	123	71	52	-
Texas.....	2,075	1,055	1,003	17
White.....	1,583	787	780	16
All Other.....	41	19	22	-
BLACK.....	451	249	201	1
Utah.....	220	104	105	11
White.....	209	99	100	10
All Other.....	9	4	4	1
BLACK.....	2	1	1	-
Vermont.....	43	24	16	3
White.....	43	24	16	3
All Other.....	-	-	-	-
BLACK.....	-	-	-	-
Virginia.....	866	395	315	156
White.....	534	251	185	98
All Other.....	18	10	7	1
BLACK.....	314	134	123	57
Washington.....	390	198	190	2
White.....	338	172	164	2
All Other.....	21	9	12	-
BLACK.....	31	17	14	-

FETAL DEATH DOCUMENTATION TABLE 2  
 FETAL DEATHS BY SEX AND RACE OF MOTHER: UNITED STATES AND EACH STATE, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)-Continued

AREA AND RACE	TOTAL	MALE	FEMALE	SEX NOT STATED
West Virginia.....	190	95	91	4
White.....	179	87	88	4
All Other.....	1	-	1	-
BLACK.....	10	8	2	-
Wisconsin.....	476	258	212	6
White.....	371	199	169	3
All Other.....	16	8	8	-
BLACK.....	89	51	35	3
Wyoming.....	53	25	28	-
White.....	47	23	24	-
All Other.....	6	2	4	-
BLACK.....	-	-	-	-

FETAL DEATH DOCUMENTATION TABLE 3  
 FETAL DEATHS BY BIRTH WEIGHT, RACE OF MOTHER, AND SEX: UNITED STATES, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX)

RACE AND SEX	TOTAL	BIRTH WEIGHT												
		UNDER 350 GRAMS	350- 499 GRAMS	500- 999 GRAMS	1,000- 1,499 GRAMS	1,500- 1,999 GRAMS	2,000- 2,499 GRAMS	2,500- 2,999 GRAMS	3,000- 3,499 GRAMS	3,500- 3,999 GRAMS	4,000- 4,499 GRAMS	4,500- 4,999 GRAMS	5,000 GRAMS OR MORE	NOT STATED
ALL RACES.....	30,469	2,971	3,332	6,246	2,895	2,601	2,517	2,420	2,169	1,185	370	143	103	3,517
MALE.....	15,376	1,518	1,736	3,199	1,456	1,351	1,324	1,175	1,075	641	224	85	65	1,527
FEMALE.....	13,780	1,190	1,486	2,916	1,405	1,224	1,175	1,229	1,084	538	144	57	35	1,297
SEX NOT STD.....	1,313	263	110	131	34	26	18	16	10	6	2	1	3	693
WHITE.....	20,520	2,029	2,013	3,943	1,901	1,719	1,728	1,776	1,670	962	295	102	77	2,305
MALE.....	10,289	1,022	1,060	1,984	974	881	904	857	808	517	186	58	50	988
FEMALE.....	9,408	847	909	1,878	912	821	810	910	853	440	108	43	27	850
SEX NOT STD.....	823	160	44	81	15	17	14	9	9	5	1	1	-	467
ALL OTHER.....	1,011	85	80	199	107	93	90	92	91	35	20	3	4	112
MALE.....	495	39	40	96	60	48	41	44	44	17	10	3	2	51
FEMALE.....	468	32	32	96	45	45	49	48	47	18	10	-	2	44
SEX NOT STD.....	48	14	8	7	2	-	-	-	-	-	-	-	-	17
BLACK.....	8,938	857	1,239	2,104	887	789	699	552	408	188	55	38	22	1,100
MALE.....	4,592	457	636	1,119	422	422	379	274	223	107	28	24	13	488
FEMALE.....	3,904	311	545	942	448	358	316	271	184	80	26	14	6	403
SEX NOT STD.....	442	89	58	43	17	9	4	7	1	1	1	-	3	209



FETAL DEATH DOCUMENTATION TABLE 4  
 FETAL DEATHS BY AGE OF MOTHER, RACE OF MOTHER, AND SEX: UNITED STATES, 1989

(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD  
 OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX)

RACE AND SEX	AGE OF MOTHER								
	TOTAL	UNDER 15 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
ALL RACES.....	30,469	168	4,388	8,007	8,443	6,023	2,794	607	39
MALE.....	15,376	89	2,301	3,997	4,225	3,011	1,433	301	19
FEMALE.....	13,780	70	1,910	3,683	3,842	2,744	1,246	268	17
SEX NOT STD.....	1,313	9	177	327	376	268	115	38	3
WHITE.....	20,520	58	2,526	5,157	5,950	4,308	2,057	434	30
MALE.....	10,289	26	1,299	2,546	2,987	2,151	1,049	216	15
FEMALE.....	9,408	29	1,134	2,419	2,734	1,963	925	191	13
SEX NOT STD.....	823	3	93	192	229	194	83	27	2
ALL OTHER.....	1,011	1	93	228	274	227	146	39	3
MALE.....	495	-	59	105	128	109	70	23	1
FEMALE.....	468	1	30	112	130	110	70	13	2
SEX NOT STD.....	48	-	4	11	16	8	6	3	-
BLACK.....	8,938	109	1,769	2,622	2,219	1,488	591	134	6
MALE.....	4,592	63	943	1,346	1,110	751	314	62	3
FEMALE.....	3,904	40	746	1,152	978	671	251	64	2
SEX NOT STD.....	442	6	80	124	131	66	26	8	1

FETAL DEATH DOCUMENTATION TABLE 5  
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;  
 SEE TECHNICAL APPENDIX.)

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL FETAL DEATHS <sup>1/</sup>	MEDICAL RISK FACTOR REPORTED								MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
ALL RACES <sup>2/</sup>											
ANEMIA.....	27,275	834	146	257	221	142	59	9	-	22,078	4,363
CARDIAC DISEASE.....	27,275	111	10	32	33	29	6	1	-	22,801	4,363
ACUTE OR CHRONIC LUNG DISEASE...	27,275	165	21	39	49	35	17	3	1	22,747	4,363
DIABETES.....	27,275	712	37	146	200	165	123	37	4	22,200	4,363
GENITAL HERPES.....	23,911	115	19	30	33	25	7	1	-	20,565	3,231
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	25,986	882	95	242	289	162	72	22	-	20,956	4,148
HEMOGLOBINOPATHY.....	25,986	63	6	15	20	13	8	1	-	21,775	4,148
HYPERTENSION, CHRONIC.....	27,275	602	25	96	162	169	108	37	5	22,310	4,363
HYPERTENSION, PREGNANCY-ASSOCIATED.....	27,275	951	123	241	258	194	115	19	1	21,961	4,363
ECLAMPSIA.....	27,275	182	36	57	41	30	14	4	-	22,730	4,363
INCOMPETENT CERVIX.....	25,986	544	65	134	168	116	51	10	-	21,294	4,148
PREVIOUS INFANT 4000+ GRAMS.....	25,986	194	6	26	64	65	28	5	-	21,644	4,148
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT.....	25,986	738	57	175	233	182	75	16	-	21,100	4,148
RENAL DISEASE.....	27,275	173	26	42	57	25	19	4	-	22,739	4,363
RH SENSITIZATION.....	27,037	118	13	30	32	32	9	2	-	22,599	4,320
UTERINE BLEEDING.....	25,200	1,148	152	307	349	217	102	21	-	20,606	3,446

FETAL DEATH DOCUMENTATION TABLE 5  
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;  
 SEE TECHNICAL APPENDIX.)-Continued

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL FETAL DEATHS 1/	MEDICAL RISK FACTOR REPORTED								MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
WHITE											
ANEMIA.....	18,601	407	58	120	112	75	38	4	-	15,198	2,996
CARDIAC DISEASE.....	18,601	73	5	22	21	20	4	1	-	15,532	2,996
ACUTE OR CHRONIC LUNG DISEASE...	18,601	110	14	26	32	21	14	2	1	15,495	2,996
DIABETES.....	18,601	499	26	103	143	110	85	28	4	15,106	2,996
GENITAL HERPES.....	15,967	80	10	18	23	21	7	1	-	13,739	2,148
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	17,550	699	60	193	237	132	60	17	-	14,035	2,816
HEMOGLOBINOPATHY.....	17,550	35	5	9	9	8	4	-	-	14,699	2,816
HYPERTENSION, CHRONIC.....	18,601	334	12	51	98	91	57	22	3	15,271	2,996
HYPERTENSION, PREGNANCY- ASSOCIATED.....	18,601	598	69	151	166	132	73	7	-	15,007	2,996
ECLAMPSIA.....	18,601	117	21	35	30	17	10	4	-	15,488	2,996
INCOMPETENT CERVIX.....	17,550	344	41	79	111	75	33	5	-	14,390	2,816
PREVIOUS INFANT 4000+ GRAMS.....	17,550	156	2	19	52	56	23	4	-	14,578	2,816
PREVIOUS PRETERM OR SMALL-FOR- GESTATIONAL-AGE INFANT.....	17,550	457	25	101	156	104	62	9	-	14,277	2,816
RENAL DISEASE.....	18,601	117	16	31	37	16	13	4	-	15,488	2,996
RH SENSITIZATION.....	18,409	96	8	25	26	28	7	2	-	15,355	2,958
UTERINE BLEEDING.....	17,018	810	93	197	257	165	83	15	-	13,880	2,328

FETAL DEATH DOCUMENTATION TABLE 5  
 FETAL DEATHS WITH SELECTED MEDICAL RISK FACTORS BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE;  
 SEE TECHNICAL APPENDIX.)-Continued

MEDICAL RISK FACTOR AND RACE OF MOTHER	ALL FETAL DEATHS 1/	MEDICAL RISK FACTOR REPORTED								MEDICAL RISK FACTOR NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
BLACK											
ANEMIA.....	7,881	406	84	133	105	63	18	3	-	6,215	1,260
CARDIAC DISEASE.....	7,881	35	4	10	11	8	2	-	-	6,586	1,260
ACUTE OR CHRONIC LUNG DISEASE...	7,881	51	7	13	16	12	2	1	-	6,570	1,260
DIABETES.....	7,881	186	11	40	49	45	34	7	-	6,435	1,260
GENITAL HERPES.....	7,207	33	9	12	9	3	-	-	-	6,177	997
HYDRAMNIOS/OLIGOHYDRAMNIOS.....	7,658	159	33	43	45	25	9	4	-	6,273	1,226
HEMOGLOBINOPATHY.....	7,658	28	1	6	11	5	4	1	-	6,404	1,226
HYPERTENSION, CHRONIC.....	7,881	260	13	44	61	77	50	13	2	6,361	1,260
HYPERTENSION, PREGNANCY-ASSOCIATED.....	7,881	325	51	84	87	57	36	9	1	6,296	1,260
ECLAMPSIA.....	7,881	63	14	22	11	12	4	-	-	6,558	1,260
INCOMPETENT CERVIX.....	7,658	191	23	54	54	40	16	4	-	6,241	1,226
PREVIOUS INFANT 4000+ GRAMS.....	7,658	31	4	4	11	7	4	1	-	6,401	1,226
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT.....	7,658	259	32	70	74	68	9	6	-	6,173	1,226
RENAL DISEASE.....	7,881	54	10	11	20	9	4	-	-	6,567	1,260
RH SENSITIZATION.....	7,838	22	5	5	6	4	2	-	-	6,562	1,254
UTERINE BLEEDING.....	7,430	308	55	102	85	48	14	4	-	6,091	1,031

1/ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIED MEDICAL RISK FACTOR.

2/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 6  
 FETAL DEATHS BY SMOKING STATUS OF MOTHER AND AVERAGE NUMBER OF CIGARETTES SMOKED BY MOTHER PER DAY,  
 BY AGE AND RACE OF MOTHER: TOTAL OF 36 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:  
 SEE TECHNICAL APPENDIX.)

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY AND RACE OF MOTHER	ALL FETAL DEATHS	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 YEARS			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES <u>1/</u> TOTAL.....	19,774	122	3,088	1,236	1,852	5,348	5,416	3,770	1,660	370
SMOKER.....	3,826	6	576	188	388	1,198	1,093	670	230	53
1-5 CIGARETTES.....	545	1	107	47	60	168	142	93	30	4
6-10 CIGARETTES.....	1,127	1	190	59	131	388	311	173	54	10
11-15 CIGARETTES.....	154	1	21	8	13	45	59	22	4	2
16-20 CIGARETTES.....	1,023	-	137	38	99	296	301	200	70	19
21-30 CIGARETTES.....	141	-	15	2	13	40	46	26	11	3
31-40 CIGARETTES.....	97	-	12	5	7	22	36	16	9	2
41 CIGARETTES OR MORE.....	17	-	1	-	1	4	4	6	2	-
NOT STATED.....	722	3	93	29	64	235	194	134	50	13
NON-SMOKER.....	11,421	95	1,791	743	1,048	2,974	3,101	2,243	998	219
NOT STATED.....	4,527	21	721	305	416	1,176	1,222	857	432	98

FETAL DEATH DOCUMENTATION TABLE 6  
 FETAL DEATHS BY SMOKING STATUS OF MOTHER AND AVERAGE NUMBER OF CIGARETTES SMOKED BY MOTHER PER DAY,  
 BY AGE AND RACE OF MOTHER: TOTAL OF 36 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:  
 SEE TECHNICAL APPENDIX.)

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY AND RACE OF MOTHER	ALL FETAL DEATHS	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 YEARS			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
WHITE										
TOTAL.....	13,308	41	1,748	658	1,090	3,417	3,874	2,730	1,228	270
SMOKER.....	2,745	6	471	151	320	864	776	441	150	37
1-5 CIGARETTES.....	330	1	75	29	46	104	78	52	17	3
6-10 CIGARETTES.....	749	1	152	52	100	264	203	91	31	7
11-15 CIGARETTES.....	127	1	19	8	11	35	47	20	3	2
16-20 CIGARETTES.....	825	-	129	34	95	244	241	149	49	13
21-30 CIGARETTES.....	124	-	15	2	13	34	41	21	10	3
31-40 CIGARETTES.....	83	-	10	4	6	17	31	15	9	1
41 CIGARETTES OR MORE.....	14	-	1	-	1	3	4	4	2	-
NOT STATED.....	493	3	70	22	48	163	131	89	29	8
NON-SMOKER.....	7,529	27	875	344	531	1,802	2,244	1,669	752	160
NOT STATED.....	3,034	8	402	163	239	751	854	620	326	73

FETAL DEATH DOCUMENTATION TABLE 6  
 FETAL DEATHS BY SMOKING STATUS OF MOTHER AND AVERAGE NUMBER OF CIGARETTES SMOKED BY MOTHER PER DAY,  
 BY AGE AND RACE OF MOTHER: TOTAL OF 36 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE:  
 SEE TECHNICAL APPENDIX.)

SMOKING STATUS, AVERAGE NUMBER OF CIGARETTES PER DAY AND RACE OF MOTHER	ALL FETAL DEATHS	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 YEARS			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
<b>BLACK</b>										
TOTAL.....	6,065	80	1,303	562	741	1,844	1,424	949	381	84
SMOKER.....	1,031	-	100	34	66	318	307	219	73	14
1-5 CIGARETTES.....	203	-	29	15	14	61	62	38	12	1
6-10 CIGARETTES.....	362	-	37	7	30	116	107	78	21	3
11-15 CIGARETTES.....	25	-	1	-	1	10	11	2	1	-
16-20 CIGARETTES.....	190	-	8	4	4	52	57	48	19	6
21-30 CIGARETTES.....	15	-	-	-	-	5	5	5	-	-
31-40 CIGARETTES.....	14	-	2	1	1	5	5	1	-	1
41 CIGARETTES OR MORE.....	3	-	-	-	-	1	-	2	-	-
NOT STATED.....	219	-	23	7	16	68	60	45	20	3
NON-SMOKER.....	3,633	67	893	391	502	1,117	779	510	215	52
NOT STATED.....	1,401	13	310	137	173	409	338	220	93	18

1/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 7  
 FETAL DEATHS BY DRINKING STATUS OF MOTHER AND BY MOTHER'S AVERAGE NUMBER OF DRINKS PER WEEK, BY AGE AND RACE OF MOTHER: TOTAL OF 37  
 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.)

DRINKING STATUS, AVERAGE NUMBER OF DRINKS PER WEEK, AND RACE OF MOTHER	ALL AGES	AGE OF MOTHER								
		UNDER 15 YEARS	15-19 years			20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS
			TOTAL	15-17 YEARS	18-19 YEARS					
ALL RACES <sup>1/</sup> .....	20,402	124	3,196	1,272	1,924	5,524	5,595	3,879	1,707	377
DRINKER.....	969	3	87	27	60	261	308	219	78	13
1 DRINK OR LESS.....	194	-	19	7	12	43	70	42	19	1
2 DRINKS.....	92	-	6	1	5	25	23	27	8	3
3-4 DRINKS.....	60	-	6	1	5	18	20	13	2	1
5 DRINKS OR MORE.....	133	-	6	1	5	38	46	30	10	3
NOT STATED.....	490	3	50	17	33	137	149	107	39	5
NON-DRINKER.....	14,356	96	2,301	911	1,390	3,929	3,913	2,702	1,158	257
NOT STATED.....	5,077	25	808	334	474	1,334	1,374	958	471	107
WHITE.....	13,829	41	1,831	681	1,150	3,564	4,025	2,824	1,269	275
DRINKER.....	521	3	50	16	34	127	170	121	43	7
1 DRINK OR LESS.....	118	-	10	6	4	24	45	27	11	1
2 DRINKS.....	40	-	3	1	2	8	10	13	4	2
3-4 DRINKS.....	31	-	4	-	4	5	13	7	1	1
5 DRINKS OR MORE.....	52	-	3	1	2	19	15	8	6	1
NOT STATED.....	280	3	30	8	22	71	87	66	21	2
NON-DRINKER.....	9,861	29	1,315	483	832	2,562	2,887	2,010	868	190
NOT STATED.....	3,447	9	466	182	284	875	968	693	358	78
BLACK.....	6,169	82	1,328	575	753	1,873	1,450	963	387	86
DRINKER.....	420	-	37	11	26	129	132	90	28	4
1 DRINK OR LESS.....	70	-	9	1	8	19	24	13	5	-
2 DRINKS.....	49	-	3	-	3	17	12	13	3	1
3-4 DRINKS.....	27	-	2	1	1	12	6	6	1	-
5 DRINKS OR MORE.....	76	-	3	-	3	17	31	19	4	2
NOT STATED.....	198	-	20	9	11	64	59	39	15	1
NON-DRINKER.....	4,217	66	962	420	542	1,301	942	626	260	60
NOT STATED.....	1,532	16	329	144	185	443	376	247	99	22

<sup>1/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.



FETAL DEATH DOCUMENTATION TABLE 8  
 FETAL DEATHS BY WEIGHT GAIN DURING PREGNANCY, BY AGE AND RACE OF MOTHER: TOTAL OF 38 REPORTING STATES AND NEW YORK CITY,  
 1989  
 FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: (SEE TECHNICAL  
 APPENDIX.)

AGE AND AND RACE OF MOTHER	TOTAL	WEIGHT GAIN DURING PREGNANCY							
		LESS THAN 10 POUNDS	10-14 POUNDS	15-19 POUNDS	20-24 POUNDS	25-29 POUNDS	30-34 POUNDS	35 POUNDS OR MORE	NOT STATED
ALL RACES <sup>1/</sup> .....	22,136	2,097	2,081	1,608	1,894	1,214	1,122	1,733	10,387
UNDER 20 YEARS.....	3,492	409	333	220	271	153	145	253	1,708
20-24 YEARS.....	5,943	572	554	463	495	308	290	467	2,794
25-29 YEARS.....	6,114	550	594	448	549	378	332	510	2,753
30-34 YEARS.....	4,254	348	401	313	398	237	234	354	1,969
35-39 YEARS.....	1,902	177	171	136	142	117	101	126	932
40-49 YEARS.....	431	41	28	28	39	21	20	23	231
WHITE.....	14,634	1,324	1,363	1,156	1,370	922	851	1,311	6,337
UNDER 20 YEARS.....	1,936	222	182	137	156	104	95	185	855
20-24 YEARS.....	3,744	331	361	325	344	214	216	338	1,615
25-29 YEARS.....	4,264	383	392	337	435	311	258	398	1,750
30-34 YEARS.....	3,011	237	294	234	301	183	180	270	1,312
35-39 YEARS.....	1,380	121	119	100	105	93	87	102	653
40-49 YEARS.....	299	30	15	23	29	17	15	18	152
BLACK.....	7,035	737	672	420	480	264	246	393	3,823
UNDER 20 YEARS.....	1,515	182	148	81	113	47	49	64	831
20-24 YEARS.....	2,096	229	185	129	142	88	69	126	1,128
25-29 YEARS.....	1,713	161	188	102	103	58	63	98	940
30-34 YEARS.....	1,139	103	94	72	83	48	48	76	615
35-39 YEARS.....	459	51	45	31	31	19	12	24	246
40-49 YEARS.....	113	11	12	5	8	4	5	5	63

<sup>1/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 9  
 FETAL DEATHS WITH SELECTED OBSTETRIC PROCEDURES BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989

(FETAL DEATHS[ INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

OBSTETRIC PROCEDURE AND RACE OF MOTHER	ALL FETAL DEATHS <u>1/</u>	OBSTETRIC PROCEDURE REPORTED							OBSTETRIC PROCEDURE NOT REPORTED	NOT STATED
		AGE OF MOTHER								
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-49 YEARS		
ALL RACES <u>2/</u>										
AMNIOCENTESIS.....	27,275	1,295	82	208	287	287	351	80	21,983	3,997
ELECTRONIC FETAL MONITORING.....	27,275	5,514	823	1,525	1,524	1,078	458	106	17,764	3,997
INDUCTION OF LABOR.....	27,275	6,083	798	1,559	1,817	1,245	541	123	17,195	3,997
STIMULATION OF LABOR.....	27,275	1,878	283	498	508	391	159	39	21,400	3,997
TOCOLYSIS.....	27,275	651	73	187	176	148	57	10	22,627	3,997
ULTRASOUND.....	25,823	11,857	1,655	3,072	3,413	2,368	1,108	241	10,143	3,823
WHITE										
AMNIOCENTESIS.....	18,601	1,058	52	166	249	234	292	65	14,831	2,712
ELECTRONIC FETAL MONITORING.....	18,601	3,720	476	1,002	1,077	759	334	72	12,169	2,712
INDUCTION OF LABOR.....	18,601	4,507	495	1,118	1,404	982	418	90	11,382	2,712
STIMULATION OF LABOR.....	18,601	1,331	186	346	373	277	118	31	14,558	2,712
TOCOLYSIS.....	18,601	474	40	130	138	108	50	8	15,415	2,712
ULTRASOUND.....	17,714	8,518	1,038	2,128	2,554	1,772	850	176	6,566	2,630
BLACK										
AMNIOCENTESIS.....	7,881	194	30	41	28	46	39	10	6,508	1,179
ELECTRONIC FETAL MONITORING.....	7,881	1,655	334	490	410	286	106	29	5,047	1,179
INDUCTION OF LABOR.....	7,881	1,397	289	405	359	226	94	24	5,305	1,179
STIMULATION OF LABOR.....	7,881	489	93	140	117	99	32	8	6,213	1,179
TOCOLYSIS.....	7,881	157	31	51	35	33	6	1	6,545	1,179
ULTRASOUND.....	7,336	3,054	597	883	766	534	218	56	3,194	1,088

1/ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIED OBSTETRIC PROCEDURE.

2/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 10  
 FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 [FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.]

COMPLICATIONS AND RACE OF MOTHER	ALL FETAL DEATHS 1/	COMPLICATION REPORTED								COMPLI- CATION NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
ALL RACES 2/											
FEBRILE.....	27,275	1,022	153	257	291	202	100	19	-	21,754	4,499
MECONIUM, MODERATE/HEAVY.....	27,275	1,405	196	379	396	289	126	18	1	21,371	4,499
PREMATURE RUPTURE OF MEMBRANE.....	27,275	1,907	271	457	554	421	168	34	2	20,869	4,499
ABRUPTIO PLACENTA.....	27,275	2,295	357	676	631	417	171	42	1	20,481	4,499
PLACENTA PREVIA.....	27,275	264	37	57	86	51	25	7	1	22,512	4,499
OTHER EXCESSIVE BLEEDING.....	27,275	403	57	111	119	69	37	10	-	22,373	4,499
SEIZURES DURING LABOR.....	27,275	37	10	8	6	7	5	1	-	22,739	4,499
PRECIPITOUS LABOR.....	27,275	378	57	102	104	75	29	11	-	22,398	4,499
PROLONGED LABOR.....	27,275	149	17	36	46	31	11	7	1	22,627	4,499
DYSFUNCTIONAL LABOR.....	27,275	164	22	37	54	28	17	5	1	22,612	4,499
BREECH/MALPRESENTATION.....	27,275	2,792	484	729	755	512	244	66	2	19,984	4,499
CEPHALOPELVIC DISPROPORTION...	23,911	91	10	12	28	26	13	2	-	20,465	3,355
CORD PROLAPSE.....	27,275	544	106	114	155	119	37	11	2	22,232	4,499
ANESTHETIC COMPLICATIONS.....	25,200	8	-	2	4	2	-	-	-	21,570	3,622
FETAL DISTRESS.....	25,200	716	105	169	222	141	64	15	-	20,862	3,622

FETAL DEATH DOCUMENTATION TABLE 10  
 FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 [FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.-Continued

COMPLICATIONS AND RACE OF MOTHER	ALL FETAL DEATHS 1/	COMPLICATION REPORTED								COMPLI- CATION NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
WHITE											
FEBRILE.....	18,601	650	84	170	188	126	71	11	-	14,828	3,123
MECONIUM, MODERATE/HEAVY.....	18,601	1,036	118	281	310	212	102	12	1	14,442	3,123
PREMATURE RUPTURE OF MEMBRANE.....	18,601	1,128	138	258	337	259	111	24	1	14,350	3,123
ABRUPTIO PLACENTA.....	18,601	1,492	201	420	443	270	128	29	1	13,986	3,123
PLACENTA PREVIA.....	18,601	168	18	37	58	34	15	5	1	15,310	3,123
OTHER EXCESSIVE BLEEDING.....	18,601	274	34	67	78	61	28	6	-	15,204	3,123
SEIZURES DURING LABOR.....	18,601	29	9	4	5	6	4	1	-	15,449	3,123
PRECIPITOUS LABOR.....	18,601	263	35	69	78	51	25	5	-	15,215	3,123
PROLONGED LABOR.....	18,601	107	8	23	38	23	8	6	1	15,371	3,123
DYSFUNCTIONAL LABOR.....	18,601	131	16	31	47	18	14	4	1	15,347	3,123
BREECH/MALPRESENTATION.....	18,601	1,926	284	499	542	381	174	45	1	13,552	3,123
CEPHALOPELVIC DISPROPORTION...	15,967	74	7	10	23	22	11	1	-	13,639	2,254
CORD PROLAPSE.....	18,601	365	60	79	111	80	27	6	2	15,113	3,123
ANESTHETIC COMPLICATIONS.....	17,018	5	-	1	2	2	-	-	-	14,533	2,480
FETAL DISTRESS.....	17,018	511	69	118	178	91	47	8	-	14,027	2,480

FETAL DEATH DOCUMENTATION TABLE 10  
 FETAL DEATHS WITH SELECTED COMPLICATIONS OF LABOR AND/OR DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 40 REPORTING STATES, 1989  
 [FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE: SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.-Continued

COMPLICATIONS AND RACE OF MOTHER	ALL FETAL DEATHS 1/	COMPLICATION REPORTED								COMPLI- CATION NOT REPORTED	NOT STATED
		AGE OF MOTHER									
		ALL AGES	UNDER 20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS		
BLACK											
FEBRILE.....	7,881	344	66	82	98	67	25	6	-	6,281	1,256
MECONIUM, MODERATE/HEAVY.....	7,881	329	74	88	75	68	19	5	-	6,296	1,256
PREMATURE RUPTURE OF MEMBRANE.....	7,881	747	130	193	210	153	51	9	1	5,878	1,256
ABRUPTIO PLACENTA.....	7,881	754	152	245	174	136	36	11	-	5,871	1,256
PLACENTA PREVIA.....	7,881	84	18	20	23	13	8	2	-	6,541	1,256
OTHER EXCESSIVE BLEEDING.....	7,881	113	21	41	34	7	8	2	-	6,512	1,256
SEIZURES DURING LABOR.....	7,881	7	1	3	1	1	1	-	-	6,618	1,256
PRECIPITOUS LABOR.....	7,881	106	22	30	24	23	2	5	-	6,519	1,256
PROLONGED LABOR.....	7,881	39	9	13	7	6	3	1	-	6,586	1,256
DYSFUNCTIONAL LABOR.....	7,881	30	6	5	6	9	3	1	-	6,595	1,256
BREECH/MALPRESENTATION.....	7,881	770	190	211	185	111	58	15	-	5,855	1,256
CEPHALOPELVIC DISPROPORTION...	7,207	13	3	1	5	2	1	1	-	6,192	1,002
CORD PROLAPSE.....	7,881	165	46	33	40	36	6	4	-	6,460	1,256
ANESTHETIC COMPLICATIONS.....	7,430	3	-	1	2	-	-	-	-	6,386	1,041
FETAL DISTRESS.....	7,430	181	33	46	40	42	14	6	-	6,208	1,041

1/ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIED COMPLICATIONS.  
 2/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 11

FETAL DEATHS BY METHOD OF DELIVERY BY AGE AND RACE OF MOTHER: TOTAL OF 39 REPORTING STATES, AND NEW YORK CITY, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

AGE AND RACE OF MOTHER	ALL FETAL DEATHS	METHOD OF DELIVERY											
		VAGINAL							CESAREAN			HYSTE- ROTOMY OR HYSTE- RECTOMY	NOT STATED
		TOTAL	VAGINAL BIRTH AFTER CESAREAN			OTHER VAGINAL			TOTAL	PRIMARY	REPEAT		
			ALL <sup>1/</sup>	FORCEPS	VACUUM	ALL <sup>1/</sup>	FORCEPS	VACUUM					
ALL RACES <sup>2/</sup>	25,986	19,999	608	13	8	19,391	424	255	2,373	1,685	688	126	3,488
UNDER 15 YEARS.....	146	121	-	-	-	121	-	-	4	4	-	1	20
15-19 YEARS.....	3,811	3,055	32	2	-	3,023	51	27	234	211	23	17	505
20-24 YEARS.....	6,912	5,375	139	1	2	5,236	107	67	614	447	167	36	887
25-29 YEARS.....	7,183	5,488	203	5	4	5,285	115	75	675	471	204	34	986
30-34 YEARS.....	5,055	3,831	156	2	2	3,675	93	52	539	353	186	14	671
35-39 YEARS.....	2,329	1,725	66	3	-	1,659	47	29	248	164	84	17	339
40-44 YEARS.....	515	377	11	-	-	366	10	5	56	32	24	7	75
45-49 YEARS.....	35	27	1	-	-	26	1	-	3	3	-	-	5
WHITE	17,550	13,307	403	8	7	12,904	350	194	1,797	1,275	522	83	2,363
UNDER 15 YEARS.....	53	40	-	-	-	40	-	-	3	3	-	-	10
15-19 YEARS.....	2,223	1,777	18	2	-	1,759	36	20	157	143	14	10	279
20-24 YEARS.....	4,484	3,428	80	-	1	3,348	87	48	451	342	109	24	581
25-29 YEARS.....	5,072	3,824	142	3	4	3,682	103	61	544	377	167	23	681
30-34 YEARS.....	3,610	2,712	107	1	2	2,605	78	38	400	257	143	11	487
35-39 YEARS.....	1,717	1,245	49	2	-	1,196	35	23	200	129	71	11	261
40-44 YEARS.....	365	261	6	-	-	255	10	4	39	21	18	4	61
45-49 YEARS.....	26	20	1	-	-	19	1	-	3	3	-	-	3
BLACK	7,658	6,062	186	4	1	5,876	60	52	509	359	150	43	1,044
UNDER 15 YEARS.....	92	80	-	-	-	80	-	-	1	1	-	1	10
15-19 YEARS.....	1,523	1,228	14	-	-	1,214	15	7	72	63	9	7	216
20-24 YEARS.....	2,265	1,808	58	1	1	1,750	16	18	151	97	54	12	294
25-29 YEARS.....	1,898	1,490	56	2	-	1,434	12	10	120	86	34	11	277
30-34 YEARS.....	1,266	980	41	1	-	939	10	12	114	76	38	3	169
35-39 YEARS.....	491	380	12	-	-	368	7	4	38	28	10	6	67
40-44 YEARS.....	117	91	5	-	-	86	-	1	13	8	5	3	10
45-49 YEARS.....	6	5	-	-	-	5	-	-	-	-	-	-	1

<sup>1/</sup> INCLUDES FETAL DEATHS THAT WERE NOT DELIVERED BY FORCEPS OR VACUUM EXTRACTION.  
<sup>2/</sup> INCLUDES RACES OTHER THAN WHITE AND BLACK.

FETAL DEATH DOCUMENTATION TABLE 12

FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 38 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		PERIOD OF GESTATION							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
ALL RACES 2/									
ANENCEPHALUS.....	24,208	350	115	67	84	35	39	19,418	4,440
SPINA BIFIDA/MENINGOCELE.....	24,208	151	74	30	20	10	11	19,617	4,440
HYDROCEPHALUS.....	24,208	241	94	38	43	30	16	19,527	4,440
MICROCEPHALUS.....	24,208	43	7	9	11	8	3	19,725	4,440
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	24,208	196	86	37	29	25	11	19,572	4,440
HEART MALFORMATIONS.....	24,208	235	70	33	49	39	27	19,533	4,440
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	24,208	198	64	32	38	26	28	19,570	4,440
RECTAL ATRESIA/STENOSIS.....	24,208	24	12	1	6	5	-	19,744	4,440
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	24,208	16	5	3	5	3	-	19,752	4,440
OMPHALOCELE/GASTROSCHISIS.....	24,208	161	58	36	40	14	4	19,607	4,440
OTHER GASTROINTESTINAL ANOMALIES.....	24,208	108	35	19	26	20	3	19,660	4,440
MALFORMED GENITALIA.....	24,208	95	27	12	19	22	11	19,673	4,440
RENAL AGENESIS.....	24,208	80	35	12	15	12	3	19,688	4,440
OTHER UROGENITAL ANOMALIES.....	24,208	119	42	19	27	16	11	19,649	4,440
CLEFT LIP/PALATE.....	24,208	178	56	26	37	26	22	19,590	4,440
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	24,208	118	36	20	37	12	9	19,650	4,440
CLUB FOOT.....	24,208	110	47	13	28	13	9	19,658	4,440
DIAPHRAGMATIC HERNIA.....	24,208	27	10	3	4	5	4	19,741	4,440
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	24,208	259	106	37	62	26	16	19,509	4,440
DOWN'S SYNDROME.....	24,208	107	41	10	24	14	12	19,661	4,440
OTHER CHROMOSOMAL ANOMALIES.....	24,208	301	124	51	64	30	23	19,467	4,440

FETAL DEATH DOCUMENTATION TABLE 12  
 FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 38 REPORTING STATES, 1989  
 (FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
 FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		PERIOD OF GESTATION							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
WHITE									
ANENCEPHALUS.....	16,709	296	104	53	72	29	30	13,451	2,962
SPINA BIFIDA/MENINGOCELE.....	16,709	138	67	27	19	8	11	13,609	2,962
HYDROCEPHALUS.....	16,709	193	76	33	30	25	13	13,554	2,962
MICROCEPHALUS.....	16,709	29	5	5	8	5	2	13,718	2,962
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	16,709	157	65	31	24	18	11	13,590	2,962
HEART MALFORMATIONS.....	16,709	175	47	27	41	28	19	13,572	2,962
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	16,709	156	49	21	34	19	24	13,591	2,962
RECTAL ATRESIA/STENOSIS.....	16,709	18	9	-	5	4	-	13,729	2,962
TRACHED-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	16,709	13	3	3	4	3	-	13,734	2,962
OMPHALOCELE/GASTROSCHISIS.....	16,709	126	42	25	35	12	4	13,621	2,962
OTHER GASTROINTESTINAL ANOMALIES.....	16,709	93	33	15	21	18	3	13,654	2,962
MALFORMED GENITALIA.....	16,709	79	17	11	19	19	9	13,668	2,962
RENAL AGENESIS.....	16,709	66	29	6	15	10	3	13,681	2,962
OTHER UROGENITAL ANOMALIES.....	16,709	97	39	13	23	11	8	13,650	2,962
CLEFT LIP/PALATE.....	16,709	143	44	20	29	20	20	13,604	2,962
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	16,709	88	21	16	33	8	7	13,659	2,962
CLUB FOOT.....	16,709	87	34	12	22	12	7	13,660	2,962
DIAPHRAGMATIC HERNIA.....	16,709	24	9	3	3	4	4	13,723	2,962
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	16,709	203	78	30	49	23	13	13,544	2,962
DOWN'S SYNDROME.....	16,709	90	31	9	19	14	12	13,657	2,962
OTHER CHROMOSOMAL ANOMALIES.....	16,709	245	99	37	51	29	21	13,502	2,962



FETAL DEATH DOCUMENTATION TABLE 12

FETAL DEATHS WITH SELECTED CONGENITAL ANOMALIES BY PERIOD OF GESTATION AND RACE OF MOTHER: TOTAL OF 38 REPORTING STATES, 1989  
(FETAL DEATHS INCLUDE ONLY THOSE WITH STATED OR PRESUMED PERIOD OF GESTATION OF 20 WEEKS OR MORE; SEE TECHNICAL APPENDIX.  
FOR A LISTING OF REPORTING AREAS SEE TECHNICAL APPENDIX.)-Continued

CONGENITAL ANOMALY AND RACE OF MOTHER	ALL FETAL DEATHS 1/	CONGENITAL ANOMALY REPORTED						CONGENI- TAL ANOMALY NOT REPORTED	NOT STATED
		PERIOD OF GESTATION							
		TOTAL 2/	20-27 WEEKS	28-31 WEEKS	32-36 WEEKS	37-39 WEEKS	40 WEEKS OR MORE		
BLACK									
ANENCEPHALUS.....	6,791	42	9	12	10	3	6	5,374	1,375
SPINA BIFIDA/MENINGOCELE.....	6,791	9	5	1	1	2	-	5,407	1,375
HYDROCEPHALUS.....	6,791	40	15	5	9	4	3	5,376	1,375
MICROCEPHALUS.....	6,791	11	2	3	2	2	1	5,405	1,375
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES..	6,791	32	18	6	5	3	-	5,384	1,375
HEART MALFORMATIONS.....	6,791	43	18	4	7	8	5	5,373	1,375
OTHER CIRCULATORY/RESPIRATORY ANOMALIES.	6,791	33	12	8	4	4	4	5,383	1,375
RECTAL ATRESIA/STENOSIS.....	6,791	6	3	1	1	1	-	5,410	1,375
TRACHEO-ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA.....	6,791	2	1	-	1	-	-	5,414	1,375
OMPHALOCELE/GASTROSCHISIS.....	6,791	30	15	9	5	1	-	5,386	1,375
OTHER GASTROINTESTINAL ANOMALIES.....	6,791	13	2	3	5	2	-	5,403	1,375
MALFORMED GENITALIA.....	6,791	14	10	-	-	3	1	5,402	1,375
RENAL AGENESIS.....	6,791	12	6	5	-	1	-	5,404	1,375
OTHER UROGENITAL ANOMALIES.....	6,791	17	2	6	3	4	1	5,399	1,375
CLEFT LIP/PALATE.....	6,791	21	8	4	6	2	1	5,395	1,375
POLYDACTYLY/SYNDACTYLY/ADACTYLY.....	6,791	25	13	3	4	2	2	5,391	1,375
CLUB FOOT.....	6,791	18	11	1	4	-	2	5,398	1,375
DIAPHRAGMATIC HERNIA.....	6,791	2	1	-	1	-	-	5,414	1,375
OTHER MUSCULOSKELETAL/INTEGUMENTAL ANOMALIES.....	6,791	43	23	4	10	2	3	5,373	1,375
DOWN'S SYNDROME.....	6,791	16	9	1	5	-	-	5,400	1,375
OTHER CHROMOSOMAL ANOMALIES.....	6,791	41	18	10	10	1	2	5,375	1,375

1/ TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIED CONGENITAL ANOMALY.

2/ INCLUDES FETAL DEATHS WITH PERIOD OF GESTATION NOT STATED.

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
UNITED STATES .....	61,295			30,509		
GESTATION						
CLINICAL ESTIMATE .....		11,431	18.6		7,597	24.9
AS COMPUTED .....		13,823	22.6		5,816	19.1
COMBINED .....		4,093	6.7		2,308	7.6
PLACE OF DELIVERY .....		46	0.1		23	0.1
PRENATAL CARE						
MONTH BEGAN .....		15,769	25.7		4,402	14.4
NUMBER OF VISITS .....		17,324	28.3		5,084	16.7
FETUS						
SEX <sup>1</sup> .....		28,410	46.3		-	*
BIRTH WEIGHT .....		30,905	50.4		3,530	11.6
MOTHER						
MARITAL STATUS .....		26,709	43.6		12,853	42.1
EDUCATION .....		28,483	46.5		7,015	23.0
HISPANIC ORIGIN .....		14,009	22.9		4,888	16.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4,538	7.4		1,867	6.1
BORN LIVE, NOW DEAD .....		4,638	7.6		1,927	6.3
OTHER TERMINATIONS .....		4,763	7.8		2,014	6.6
FATHER						
RACE .....		25,464	41.5		8,373	27.4
AGE .....		31,514	51.4		10,639	34.9
EDUCATION .....		39,220	64.0		12,851	42.1
HISPANIC ORIGIN .....		30,563	49.9		10,996	36.0
MEDICAL RISK FACTORS .....		18,613	30.4		7,511	24.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		36,908	60.2		15,146	49.6
ALCOHOL USE DURING PREGNANCY .....		37,429	61.1		15,102	49.5
WEIGHT GAIN DURING PREGNANCY .....		45,723	74.6		18,670	61.2
OBSTETRIC PROCEDURES .....		17,582	28.7		7,141	23.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		20,609	33.6		7,643	25.1
CONGENITAL ANOMALIES OF FETUS .....		32,054	52.3		10,631	34.8
UNDERLYING CAUSE OF DEATH .....		61,295	100.0		30,509	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
ALABAMA .....	636			615		
GESTATION						
CLINICAL ESTIMATE .....		8	*		8	*
AS COMPUTED .....		97	15.3		97	15.8
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		38	6.0		38	6.2
NUMBER OF VISITS .....		41	6.4		40	6.5
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		43	6.8		41	6.7
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		66	10.4		65	10.6
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		10	*		10	*
BORN LIVE, NOW DEAD .....		10	*		10	*
OTHER TERMINATIONS .....		7	*		7	*
FATHER						
RACE .....		284	44.7		275	44.7
AGE .....		298	46.9		289	47.0
EDUCATION .....		323	50.8		313	50.9
HISPANIC ORIGIN .....		283	44.5		274	44.6
MEDICAL RISK FACTORS .....		26	4.1		25	4.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		6	*		6	*
ALCOHOL USE DURING PREGNANCY .....		8	*		8	*
WEIGHT GAIN DURING PREGNANCY .....		174	27.4		167	27.2
OBSTETRIC PROCEDURES .....		18	*		18	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		34	5.3		34	5.5
CONGENITAL ANOMALIES OF FETUS .....		55	8.6		55	8.9
UNDERLYING CAUSE OF DEATH .....		636	100.0		615	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
ALASKA .....	55			54		
GESTATION						
CLINICAL ESTIMATE .....		23	41.8		22	40.7
AS COMPUTED .....		10	*		10	*
COMBINED .....		5	*		5	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		24	43.6		23	42.6
NUMBER OF VISITS .....		24	43.6		23	42.6
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		9	*		9	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		11	*		11	*
HISPANIC ORIGIN .....		20	36.4		19	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		3	*		3	*
BORN LIVE, NOW DEAD .....		3	*		3	*
OTHER TERMINATIONS .....		3	*		3	*
FATHER						
RACE .....		11	*		11	*
AGE .....		17	*		16	*
EDUCATION .....		12	*		12	*
HISPANIC ORIGIN .....		22	40.0		21	38.9
MEDICAL RISK FACTORS .....		25	45.5		24	44.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		27	49.1		26	48.1
ALCOHOL USE DURING PREGNANCY .....		28	50.9		27	50.0
WEIGHT GAIN DURING PREGNANCY .....		36	65.5		35	64.8
OBSTETRIC PROCEDURES .....		26	47.3		25	46.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		14	*		14	*
CONGENITAL ANOMALIES OF FETUS .....		14	*		14	*
UNDERLYING CAUSE OF DEATH .....		55	100.0		54	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
ARIZONA .....	381			371		
GESTATION						
CLINICAL ESTIMATE .....		7	*		7	*
AS COMPUTED .....		56	14.7		52	14.0
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		27	7.1		25	6.7
NUMBER OF VISITS .....		30	7.9		28	7.5
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		20	5.2		19	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		26	6.8		21	5.7
HISPANIC ORIGIN .....		8	*		8	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		5	*		5	*
OTHER TERMINATIONS .....		6	*		6	*
FATHER						
RACE .....		69	18.1		66	17.8
AGE .....		117	30.7		113	30.5
EDUCATION .....		107	28.1		101	27.2
HISPANIC ORIGIN .....		75	19.7		72	19.4
MEDICAL RISK FACTORS .....		381	100.0		371	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		381	100.0		371	100.0
ALCOHOL USE DURING PREGNANCY		381	100.0		371	100.0
WEIGHT GAIN DURING PREGNANCY ..		381	100.0		371	100.0
OBSTETRIC PROCEDURES .....		381	100.0		371	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		381	100.0		371	100.0
CONGENITAL ANOMALIES OF FETUS .....		381	100.0		371	100.0
UNDERLYING CAUSE OF DEATH .....		381	100.0		371	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
ARKANSAS .....	264			259		
GESTATION						
CLINICAL ESTIMATE .....		13	*		13	*
AS COMPUTED .....		60	22.7		60	23.2
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		27	10.2		27	10.4
NUMBER OF VISITS .....		44	16.7		43	16.6
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		17	*		17	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		23	8.7		22	8.5
HISPANIC ORIGIN .....		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		3	*		3	*
BORN LIVE, NOW DEAD .....		4	*		4	*
OTHER TERMINATIONS .....		4	*		4	*
FATHER						
RACE .....		73	27.7		72	27.8
AGE .....		96	36.4		95	36.7
EDUCATION .....		93	35.2		91	35.1
HISPANIC ORIGIN .....		74	28.0		73	28.2
MEDICAL RISK FACTORS .....		5	*		5	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		16	*		16	*
ALCOHOL USE DURING PREGNANCY .....		18	*		18	*
WEIGHT GAIN DURING PREGNANCY ..		94	35.6		91	35.1
OBSTETRIC PROCEDURES .....		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		4	*		4	*
CONGENITAL ANOMALIES OF FETUS .....		4	*		4	*
UNDERLYING CAUSE OF DEATH .....		264	100.0		259	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
CALIFORNIA .....	3,922			3,852		
GESTATION						
CLINICAL ESTIMATE .....		3,922	100.0		3,852	100.0
AS COMPUTED .....		584	14.9		584	15.2
COMBINED .....		619	15.8		619	16.1
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		411	10.5		408	10.6
NUMBER OF VISITS .....		496	12.6		491	12.7
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		82	2.1		80	2.1
MOTHER						
MARITAL STATUS .....		3,922	100.0		3,852	100.0
EDUCATION .....		563	14.4		554	14.4
HISPANIC ORIGIN .....		117	3.0		115	3.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		301	7.7		300	7.8
BORN LIVE, NOW DEAD .....		314	8.0		312	8.1
OTHER TERMINATIONS .....		343	8.7		341	8.9
FATHER						
RACE .....		329	8.4		321	8.3
AGE .....		754	19.2		736	19.1
EDUCATION .....		823	21.0		803	20.8
HISPANIC ORIGIN .....		319	8.1		314	8.2
MEDICAL RISK FACTORS .....		428	10.9		413	10.7
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		3,922	100.0		3,852	100.0
ALCOHOL USE DURING PREGNANCY .....		3,922	100.0		3,852	100.0
WEIGHT GAIN DURING PREGNANCY .....		3,922	100.0		3,852	100.0
OBSTETRIC PROCEDURES .....		515	13.1		500	13.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		447	11.4		442	11.5
CONGENITAL ANOMALIES OF FETUS .....		162	4.1		159	4.1
UNDERLYING CAUSE OF DEATH .....		3,922	100.0		3,852	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
COLORADO .....	396			387		
GESTATION						
CLINICAL ESTIMATE .....		3	*		3	*
AS COMPUTED .....		59	14.9		58	15.0
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		61	15.4		57	14.7
NUMBER OF VISITS .....		73	18.4		69	17.8
FETUS						
SEX <sup>1</sup> .....		3	*		-	*
BIRTH WEIGHT .....		54	13.6		50	12.9
MOTHER						
MARITAL STATUS .....		6	*		6	*
EDUCATION .....		75	18.9		72	18.6
HISPANIC ORIGIN .....		16	*		16	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		7	*		7	*
BORN LIVE, NOW DEAD .....		5	*		5	*
OTHER TERMINATIONS .....		6	*		6	*
FATHER						
RACE .....		112	28.3		106	27.4
AGE .....		156	39.4		149	38.5
EDUCATION .....		153	38.6		146	37.7
HISPANIC ORIGIN .....		118	29.8		112	28.9
MEDICAL RISK FACTORS .....		71	17.9		67	17.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		102	25.8		98	25.3
ALCOHOL USE DURING PREGNANCY .....		115	29.0		111	28.7
WEIGHT GAIN DURING PREGNANCY .....		189	47.7		183	47.3
OBSTETRIC PROCEDURES .....		67	16.9		63	16.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		67	16.9		64	16.5
CONGENITAL ANOMALIES OF FETUS .....		95	24.0		91	23.5
UNDERLYING CAUSE OF DEATH .....		396	100.0		387	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
CONNECTICUT .....	375			363		
GESTATION						
CLINICAL ESTIMATE .....		149	39.7		146	40.2
AS COMPUTED .....		217	57.9		212	58.4
COMBINED .....		126	33.6		126	34.7
PLACE OF DELIVERY .....		2	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		176	46.9		173	47.7
NUMBER OF VISITS .....		180	48.0		177	48.8
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		50	13.3		46	12.7
MOTHER						
MARITAL STATUS .....		375	100.0		363	100.0
EDUCATION .....		292	77.9		282	77.7
HISPANIC ORIGIN .....		348	92.8		336	92.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		154	41.1		152	41.9
BORN LIVE, NOW DEAD .....		153	40.8		151	41.6
OTHER TERMINATIONS .....		152	40.5		150	41.3
FATHER						
RACE .....		122	32.5		119	32.8
AGE .....		135	36.0		131	36.1
EDUCATION .....		296	78.9		288	79.3
HISPANIC ORIGIN .....		357	95.2		345	95.0
MEDICAL RISK FACTORS .....		354	94.4		343	94.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		352	93.9		341	93.9
ALCOHOL USE DURING PREGNANCY		352	93.9		341	93.9
WEIGHT GAIN DURING PREGNANCY ..		367	97.9		356	98.1
OBSTETRIC PROCEDURES .....		349	93.1		338	93.1
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		353	94.1		342	94.2
CONGENITAL ANOMALIES OF FETUS .....		188	50.1		183	50.4
UNDERLYING CAUSE OF DEATH .....		375	100.0		363	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
DELAWARE .....	86			85		
GESTATION						
CLINICAL ESTIMATE .....		16	*		16	*
AS COMPUTED .....		21	24.4		21	24.7
COMBINED .....		13	*		13	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		20	23.3		20	23.5
NUMBER OF VISITS .....		19	*		19	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		20	23.3		20	23.5
MOTHER						
MARITAL STATUS .....		16	*		16	*
EDUCATION .....		15	*		15	*
HISPANIC ORIGIN .....		9	*		9	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		13	*		13	*
BORN LIVE, NOW DEAD .....		13	*		13	*
OTHER TERMINATIONS .....		13	*		13	*
FATHER						
RACE .....		27	31.4		27	31.8
AGE .....		32	37.2		32	37.6
EDUCATION .....		32	37.2		32	37.6
HISPANIC ORIGIN .....		25	29.1		25	29.4
MEDICAL RISK FACTORS .....		86	100.0		85	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		86	100.0		85	100.0
ALCOHOL USE DURING PREGNANCY		86	100.0		85	100.0
WEIGHT GAIN DURING PREGNANCY ..		86	100.0		85	100.0
OBSTETRIC PROCEDURES .....		86	100.0		85	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		86	100.0		85	100.0
CONGENITAL ANOMALIES OF FETUS .....		86	100.0		85	100.0
UNDERLYING CAUSE OF DEATH .....		86	100.0		85	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
DISTRICT OF COLUMBIA .....	274			270		
GESTATION						
CLINICAL ESTIMATE .....		274	100.0		270	100.0
AS COMPUTED .....		64	23.4		64	23.7
COMBINED .....		66	24.1		66	24.4
PLACE OF DELIVERY .....		4	*		4	*
PRENATAL CARE						
MONTH BEGAN .....		77	28.1		77	28.5
NUMBER OF VISITS .....		58	21.2		57	21.1
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		35	12.8		35	13.0
MOTHER						
MARITAL STATUS .....		35	12.8		35	13.0
EDUCATION .....		274	100.0		270	100.0
HISPANIC ORIGIN .....		274	100.0		270	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		20	7.3		20	7.4
BORN LIVE, NOW DEAD .....		20	7.3		20	7.4
OTHER TERMINATIONS .....		21	7.7		21	7.8
FATHER						
RACE .....		138	50.4		134	49.6
AGE .....		170	62.0		166	61.5
EDUCATION .....		274	100.0		270	100.0
HISPANIC ORIGIN .....		274	100.0		270	100.0
MEDICAL RISK FACTORS .....		274	100.0		270	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		274	100.0		270	100.0
ALCOHOL USE DURING PREGNANCY .....		274	100.0		270	100.0
WEIGHT GAIN DURING PREGNANCY .....		274	100.0		270	100.0
OBSTETRIC PROCEDURES .....		274	100.0		270	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		274	100.0		270	100.0
CONGENITAL ANOMALIES OF FETUS .....		274	100.0		270	100.0
UNDERLYING CAUSE OF DEATH .....		274	100.0		270	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
FLORIDA .....	1,656			1,629		
GESTATION						
CLINICAL ESTIMATE .....		186	11.2		184	11.3
AS COMPUTED .....		320	19.3		315	19.3
COMBINED .....		103	6.2		103	6.3
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		278	16.8		275	16.9
NUMBER OF VISITS .....		310	18.7		307	18.8
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		195	11.8		191	11.7
MOTHER						
MARITAL STATUS .....		55	3.3		55	3.4
EDUCATION .....		214	12.9		210	12.9
HISPANIC ORIGIN .....		57	3.4		57	3.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		169	10.2		169	10.4
BORN LIVE, NOW DEAD .....		171	10.3		171	10.5
OTHER TERMINATIONS .....		181	10.9		181	11.1
FATHER						
RACE .....		411	24.8		409	25.1
AGE .....		533	32.2		527	32.4
EDUCATION .....		526	31.8		521	32.0
HISPANIC ORIGIN .....		427	25.8		425	26.1
MEDICAL RISK FACTORS .....		122	7.4		118	7.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		296	17.9		291	17.9
ALCOHOL USE DURING PREGNANCY .....		335	20.2		329	20.2
WEIGHT GAIN DURING PREGNANCY .....		837	50.5		821	50.4
OBSTETRIC PROCEDURES .....		141	8.5		135	8.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		144	8.7		138	8.5
CONGENITAL ANOMALIES OF FETUS .....		183	11.1		178	10.9
UNDERLYING CAUSE OF DEATH .....		1,656	100.0		1,629	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
GEORGIA .....	8,211			1,242		
GESTATION						
CLINICAL ESTIMATE .....		1,010	12.3		31	2.5
AS COMPUTED .....		2,483	30.2		218	17.6
COMBINED .....		486	5.9		12	*
PLACE OF DELIVERY .....		1	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		2,674	32.6		198	15.9
NUMBER OF VISITS .....		2,690	32.8		211	17.0
FETUS						
SEX <sup>1</sup> .....		6,593	80.3		-	*
BIRTH WEIGHT .....		6,547	79.7		200	16.1
MOTHER						
MARITAL STATUS .....		40	0.5		2	*
EDUCATION .....		3,601	43.9		354	28.5
HISPANIC ORIGIN .....		1,513	18.4		82	6.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		542	6.6		18	*
BORN LIVE, NOW DEAD .....		576	7.0		26	2.1
OTHER TERMINATIONS .....		581	7.1		30	2.4
FATHER						
RACE .....		4,526	55.1		661	53.2
AGE .....		5,790	70.5		823	66.3
EDUCATION .....		5,559	67.7		788	63.4
HISPANIC ORIGIN .....		4,834	58.9		686	55.2
MEDICAL RISK FACTORS .....		756	9.2		102	8.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1,491	18.2		123	9.9
ALCOHOL USE DURING PREGNANCY .....		1,742	21.2		149	12.0
WEIGHT GAIN DURING PREGNANCY .....		5,490	66.9		646	52.0
OBSTETRIC PROCEDURES .....		691	8.4		63	5.1
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		870	10.6		60	4.8
CONGENITAL ANOMALIES OF FETUS .....		1,198	14.6		87	7.0
UNDERLYING CAUSE OF DEATH .....		8,211	100.0		1,242	100.0

<sup>1</sup> \* NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
HAWAII .....	1,500			136		
GESTATION						
CLINICAL ESTIMATE .....		237	15.8		4	*
AS COMPUTED .....		483	32.2		22	16.2
COMBINED .....		113	7.5		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		543	36.2		37	27.2
NUMBER OF VISITS .....		548	36.5		34	25.0
FETUS						
SEX <sup>1</sup> .....		1,328	88.5		-	*
BIRTH WEIGHT .....		1,000	66.7		52	38.2
MOTHER						
MARITAL STATUS .....		3	*		1	*
EDUCATION .....		944	62.9		40	29.4
HISPANIC ORIGIN .....		288	19.2		7	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		9	*		1	*
BORN LIVE, NOW DEAD .....		9	*		1	*
OTHER TERMINATIONS .....		10	*		1	*
FATHER						
RACE .....		949	63.3		48	35.3
AGE .....		1,019	67.9		53	39.0
EDUCATION .....		1,074	71.6		57	41.9
HISPANIC ORIGIN .....		796	53.1		44	32.4
MEDICAL RISK FACTORS .....		1,500	100.0		136	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1,500	100.0		136	100.0
ALCOHOL USE DURING PREGNANCY .....		1,500	100.0		136	100.0
WEIGHT GAIN DURING PREGNANCY .....		1,500	100.0		136	100.0
OBSTETRIC PROCEDURES .....		1,500	100.0		136	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1,500	100.0		136	100.0
CONGENITAL ANOMALIES OF FETUS .....		1,500	100.0		136	100.0
UNDERLYING CAUSE OF DEATH .....		1,500	100.0		136	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
IDAHO .....	106			103		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		14	*		14	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		15	*		15	*
NUMBER OF VISITS .....		18	*		18	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		10	*		9	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		15	*		15	*
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		18	*		18	*
AGE .....		21	19.8		21	20.4
EDUCATION .....		26	24.5		26	25.2
HISPANIC ORIGIN .....		16	*		16	*
MEDICAL RISK FACTORS .....		3	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		6	*		6	*
ALCOHOL USE DURING PREGNANCY .....		7	*		7	*
WEIGHT GAIN DURING PREGNANCY ..		29	27.4		28	27.2
OBSTETRIC PROCEDURES .....		5	*		4	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		5	*
CONGENITAL ANOMALIES OF FETUS .....		4	*		3	*
UNDERLYING CAUSE OF DEATH .....		106	100.0		103	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
ILLINOIS .....	1,469			1,416		
GESTATION						
CLINICAL ESTIMATE .....		131	8.9		129	9.1
AS COMPUTED .....		224	15.2		218	15.4
COMBINED .....		70	4.8		70	4.9
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		178	12.1		176	12.4
NUMBER OF VISITS .....		196	13.3		190	13.4
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		129	8.8		122	8.6
MOTHER						
MARITAL STATUS .....		105	7.1		104	7.3
EDUCATION .....		120	8.2		120	8.5
HISPANIC ORIGIN .....		124	8.4		121	8.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		94	6.4		93	6.6
BORN LIVE, NOW DEAD .....		95	6.5		94	6.6
OTHER TERMINATIONS .....		95	6.5		94	6.6
FATHER						
RACE .....		268	18.2		259	18.3
AGE .....		453	30.8		431	30.4
EDUCATION .....		430	29.3		411	29.0
HISPANIC ORIGIN .....		300	20.4		289	20.4
MEDICAL RISK FACTORS .....		228	15.5		221	15.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		294	20.0		285	20.1
ALCOHOL USE DURING PREGNANCY .....		349	23.8		338	23.9
WEIGHT GAIN DURING PREGNANCY .....		608	41.4		589	41.6
OBSTETRIC PROCEDURES .....		195	13.3		191	13.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		219	14.9		214	15.1
CONGENITAL ANOMALIES OF FETUS .....		334	22.7		321	22.7
UNDERLYING CAUSE OF DEATH .....		1,469	100.0		1,416	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
INDIANA .....	627			617		
GESTATION						
CLINICAL ESTIMATE .....		85	13.6		81	13.1
AS COMPUTED .....		129	20.6		128	20.7
COMBINED .....		25	4.0		25	4.1
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		95	15.2		93	15.1
NUMBER OF VISITS .....		121	19.3		119	19.3
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		86	13.7		85	13.8
MOTHER						
MARITAL STATUS .....		12	*		12	*
EDUCATION .....		79	12.6		78	12.6
HISPANIC ORIGIN .....		75	12.0		74	12.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		17	*		17	*
BORN LIVE, NOW DEAD .....		21	3.3		21	3.4
OTHER TERMINATIONS .....		19	*		19	*
FATHER						
RACE .....		84	13.4		83	13.5
AGE .....		140	22.3		137	22.2
EDUCATION .....		166	26.5		162	26.3
HISPANIC ORIGIN .....		142	22.6		141	22.9
MEDICAL RISK FACTORS .....		32	5.1		30	4.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		627	100.0		617	100.0
ALCOHOL USE DURING PREGNANCY		122	19.5		118	19.1
WEIGHT GAIN DURING PREGNANCY ..		142	22.6		137	22.2
OBSTETRIC PROCEDURES .....		42	6.7		40	6.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		37	5.9		35	5.7
CONGENITAL ANOMALIES OF FETUS .....		54	8.6		51	8.3
UNDERLYING CAUSE OF DEATH .....		627	100.0		617	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
IOWA .....	255			250		
GESTATION						
CLINICAL ESTIMATE .....		19	*		19	*
AS COMPUTED .....		23	9.0		21	8.4
COMBINED .....		7	*		7	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		13	*		13	*
NUMBER OF VISITS .....		13	*		13	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		16	*		16	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		6	*		6	*
HISPANIC ORIGIN .....		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		7	*		7	*
BORN LIVE, NOW DEAD .....		6	*		6	*
OTHER TERMINATIONS .....		6	*		6	*
FATHER						
RACE .....		36	14.1		35	14.0
AGE .....		51	20.0		49	19.6
EDUCATION .....		42	16.5		40	16.0
HISPANIC ORIGIN .....		35	13.7		34	13.6
MEDICAL RISK FACTORS .....		5	*		5	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		13	*		13	*
ALCOHOL USE DURING PREGNANCY .....		17	*		17	*
WEIGHT GAIN DURING PREGNANCY .....		52	20.4		51	20.4
OBSTETRIC PROCEDURES .....		6	*		6	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		6	*
CONGENITAL ANOMALIES OF FETUS .....		17	*		16	*
UNDERLYING CAUSE OF DEATH .....		255	100.0		250	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
KANSAS .....	245			239		
GESTATION						
CLINICAL ESTIMATE .....		10	*		10	*
AS COMPUTED .....		29	11.8		29	12.1
COMBINED .....		3	*		3	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		4	-		4	*
NUMBER OF VISITS .....		12	*		11	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		1	*		1	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		5	*		5	*
HISPANIC ORIGIN .....		17	*		17	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		2	*		2	*
FATHER						
RACE .....		40	16.3		37	15.5
AGE .....		45	18.4		42	17.6
EDUCATION .....		48	19.6		45	18.8
HISPANIC ORIGIN .....		49	20.0		46	19.2
MEDICAL RISK FACTORS .....		50	20.4		49	20.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		189	77.1		186	77.8
ALCOHOL USE DURING PREGNANCY .....		222	90.6		219	91.6
WEIGHT GAIN DURING PREGNANCY .....		52	21.2		49	20.5
OBSTETRIC PROCEDURES .....		22	9.0		21	8.8
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		66	26.9		66	27.6
CONGENITAL ANOMALIES OF FETUS .....		26	10.6		24	10.0
UNDERLYING CAUSE OF DEATH .....		245	100.0		239	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
KENTUCKY .....	442			421		
GESTATION						
CLINICAL ESTIMATE .....		29	6.6		28	6.7
AS COMPUTED .....		52	11.8		44	10.5
COMBINED .....		11	*		11	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		37	8.4		33	7.8
NUMBER OF VISITS .....		39	8.8		36	8.6
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		23	5.2		20	4.8
MOTHER						
MARITAL STATUS .....		5	*		5	*
EDUCATION .....		26	5.9		22	5.2
HISPANIC ORIGIN .....		15	*		14	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		10	*		9	*
BORN LIVE, NOW DEAD .....		10	*		9	*
OTHER TERMINATIONS .....		21	4.8		20	4.8
FATHER						
RACE .....		151	34.2		138	32.8
AGE .....		151	34.2		138	32.8
EDUCATION .....		166	37.6		150	35.6
HISPANIC ORIGIN .....		156	35.3		142	33.7
MEDICAL RISK FACTORS .....		143	32.4		135	32.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		144	32.6		136	32.3
ALCOHOL USE DURING PREGNANCY .....		150	33.9		141	33.5
WEIGHT GAIN DURING PREGNANCY .....		212	48.0		201	47.7
OBSTETRIC PROCEDURES .....		135	30.5		126	29.9
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		138	31.2		128	30.4
CONGENITAL ANOMALIES OF FETUS .....		195	44.1		184	43.7
UNDERLYING CAUSE OF DEATH .....		442	100.0		421	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
LOUISIANA .....	633			613		
GESTATION						
CLINICAL ESTIMATE .....		633	100.0		613	100.0
AS COMPUTED .....		97	15.3		97	15.8
COMBINED .....		102	16.1		102	16.6
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		40	6.3		39	6.4
NUMBER OF VISITS .....		59	9.3		58	9.5
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		18	*		17	*
MOTHER						
MARITAL STATUS .....		6	*		6	*
EDUCATION .....		46	7.3		46	7.5
HISPANIC ORIGIN .....		633	100.0		613	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		17	*		17	*
BORN LIVE, NOW DEAD .....		18	*		18	*
OTHER TERMINATIONS .....		18	*		18	*
FATHER						
RACE .....		316	49.9		308	50.2
AGE .....		320	50.6		312	50.9
EDUCATION .....		294	46.4		288	47.0
HISPANIC ORIGIN .....		633	100.0		613	100.0
MEDICAL RISK FACTORS .....		633	100.0		613	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		633	100.0		613	100.0
ALCOHOL USE DURING PREGNANCY .....		633	100.0		613	100.0
WEIGHT GAIN DURING PREGNANCY .....		633	100.0		613	100.0
OBSTETRIC PROCEDURES .....		633	100.0		613	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		633	100.0		613	100.0
CONGENITAL ANOMALIES OF FETUS .....		633	100.0		613	100.0
UNDERLYING CAUSE OF DEATH .....		633	100.0		613	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MAINE .....	100			97		
GESTATION						
CLINICAL ESTIMATE .....		18	*		18	*
AS COMPUTED .....		31	31.0		31	32.0
COMBINED .....		18	*		18	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		10	*		10	*
NUMBER OF VISITS .....		12	*		12	*
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		35	35.0		35	36.1
MOTHER						
MARITAL STATUS .....		21	21.0		21	21.6
EDUCATION .....		22	22.0		21	21.6
HISPANIC ORIGIN .....		21	21.0		20	20.6
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		14	*		14	*
BORN LIVE, NOW DEAD .....		14	*		14	*
OTHER TERMINATIONS .....		14	*		14	*
FATHER						
RACE .....		26	26.0		25	25.8
AGE .....		19	*		19	*
EDUCATION .....		31	31.0		30	30.9
HISPANIC ORIGIN .....		31	31.0		30	30.9
MEDICAL RISK FACTORS .....		20	20.0		20	20.6
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		22	22.0		22	22.7
ALCOHOL USE DURING PREGNANCY .....		23	23.0		23	23.7
WEIGHT GAIN DURING PREGNANCY .....		52	52.0		51	52.6
OBSTETRIC PROCEDURES .....		20	20.0		20	20.6
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		23	23.0		23	23.7
CONGENITAL ANOMALIES OF FETUS .....		23	23.0		23	23.7
UNDERLYING CAUSE OF DEATH .....		100	100.0		97	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MARYLAND .....	476			463		
GESTATION						
CLINICAL ESTIMATE .....		476	100.0		463	100.0
AS COMPUTED .....		192	40.3		192	41.5
COMBINED .....		194	40.8		194	41.9
PLACE OF DELIVERY .....		3	*		3	*
PRENATAL CARE						
MONTH BEGAN .....		191	40.1		190	41.0
NUMBER OF VISITS .....		476	100.0		463	100.0
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		127	26.7		125	27.0
MOTHER						
MARITAL STATUS .....		476	100.0		463	100.0
EDUCATION .....		226	47.5		221	47.7
HISPANIC ORIGIN .....		476	100.0		463	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		54	11.3		54	11.7
BORN LIVE, NOW DEAD .....		55	11.6		55	11.9
OTHER TERMINATIONS .....		57	12.0		56	12.1
FATHER						
RACE .....		112	23.5		109	23.5
AGE .....		142	29.8		139	30.0
EDUCATION .....		247	51.9		242	52.3
HISPANIC ORIGIN .....		476	100.0		463	100.0
MEDICAL RISK FACTORS .....		476	100.0		463	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		476	100.0		463	100.0
ALCOHOL USE DURING PREGNANCY .....		476	100.0		463	100.0
WEIGHT GAIN DURING PREGNANCY .....		476	100.0		463	100.0
OBSTETRIC PROCEDURES .....		476	100.0		463	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		476	100.0		463	100.0
CONGENITAL ANOMALIES OF FETUS .....		476	100.0		463	100.0
UNDERLYING CAUSE OF DEATH .....		476	100.0		463	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MASSACHUSETTS .....	564			553		
GESTATION						
CLINICAL ESTIMATE .....		3	*		3	*
AS COMPUTED .....		63	11.2		62	11.2
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		14	*		13	*
NUMBER OF VISITS .....		20	3.5		19	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		3	*		3	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		39	6.9		39	7.1
HISPANIC ORIGIN .....		564	100.0		553	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		3	*		3	*
BORN LIVE, NOW DEAD .....		3	*		3	*
OTHER TERMINATIONS .....		5	*		5	*
FATHER						
RACE .....		119	21.1		117	21.2
AGE .....		132	23.4		130	23.5
EDUCATION .....		153	27.1		151	27.3
HISPANIC ORIGIN .....		564	100.0		553	100.0
MEDICAL RISK FACTORS .....		564	100.0		553	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		564	100.0		553	100.0
ALCOHOL USE DURING PREGNANCY .....		564	100.0		553	100.0
WEIGHT GAIN DURING PREGNANCY .....		564	100.0		553	100.0
OBSTETRIC PROCEDURES .....		564	100.0		553	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		564	100.0		553	100.0
CONGENITAL ANOMALIES OF FETUS .....		564	100.0		553	100.0
UNDERLYING CAUSE OF DEATH .....		564	100.0		553	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MICHIGAN .....	889			850		
GESTATION						
CLINICAL ESTIMATE .....		19	*		18	*
AS COMPUTED .....		172	19.3		164	19.3
COMBINED .....		10	*		10	*
PLACE OF DELIVERY .....		2	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		72	8.1		68	8.0
NUMBER OF VISITS .....		88	9.9		83	9.8
FETUS						
SEX <sup>1</sup> .....		3	*		-	*
BIRTH WEIGHT .....		21	2.4		19	*
MOTHER						
MARITAL STATUS .....		889	100.0		850	100.0
EDUCATION .....		255	28.7		235	27.6
HISPANIC ORIGIN .....		223	25.1		206	24.2
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		15	*		14	*
BORN LIVE, NOW DEAD .....		15	*		15	*
OTHER TERMINATIONS .....		20	2.2		19	*
FATHER						
RACE .....		350	39.4		326	38.4
AGE .....		449	50.5		420	49.4
EDUCATION .....		436	49.0		405	47.6
HISPANIC ORIGIN .....		448	50.4		420	49.4
MEDICAL RISK FACTORS .....		52	5.8		47	5.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		139	15.6		129	15.2
ALCOHOL USE DURING PREGNANCY		167	18.8		156	18.4
WEIGHT GAIN DURING PREGNANCY ..		370	41.6		345	40.6
OBSTETRIC PROCEDURES .....		38	4.3		34	4.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		60	6.7		51	6.0
CONGENITAL ANOMALIES OF FETUS .....		97	10.9		91	10.7
UNDERLYING CAUSE OF DEATH .....		889	100.0		850	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MINNESOTA .....	441			420		
GESTATION						
CLINICAL ESTIMATE .....		94	21.3		94	22.4
AS COMPUTED .....		142	32.2		134	31.9
COMBINED .....		75	17.0		75	17.9
PLACE OF DELIVERY .....		2	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		111	25.2		108	25.7
NUMBER OF VISITS .....		121	27.4		117	27.9
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		128	29.0		118	28.1
MOTHER						
MARITAL STATUS .....		34	7.7		34	8.1
EDUCATION .....		35	7.9		33	7.9
HISPANIC ORIGIN .....		18	*		17	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		32	7.3		32	7.6
BORN LIVE, NOW DEAD .....		32	7.3		32	7.6
OTHER TERMINATIONS .....		32	7.3		32	7.6
FATHER						
RACE .....		87	19.7		81	19.3
AGE .....		105	23.8		99	23.6
EDUCATION .....		105	23.8		99	23.6
HISPANIC ORIGIN .....		94	21.3		89	21.2
MEDICAL RISK FACTORS .....		59	13.4		55	13.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		61	13.8		56	13.3
ALCOHOL USE DURING PREGNANCY .....		70	15.9		64	15.2
WEIGHT GAIN DURING PREGNANCY .....		209	47.4		196	46.7
OBSTETRIC PROCEDURES .....		46	10.4		43	10.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		53	12.0		48	11.4
CONGENITAL ANOMALIES OF FETUS .....		83	18.8		80	19.0
UNDERLYING CAUSE OF DEATH .....		441	100.0		420	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MISSISSIPPI .....	421			407		
GESTATION						
CLINICAL ESTIMATE .....		9	*		9	*
AS COMPUTED .....		77	18.3		75	18.4
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		59	14.0		58	14.3
NUMBER OF VISITS .....		66	15.7		64	15.7
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		24	5.7		22	5.4
MOTHER						
MARITAL STATUS .....		2	*		2	*
EDUCATION .....		77	18.3		75	18.4
HISPANIC ORIGIN .....		3	*		3	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		8	*		8	*
BORN LIVE, NOW DEAD .....		9	*		9	*
OTHER TERMINATIONS .....		10	*		10	*
FATHER						
RACE .....		222	52.7		212	52.1
AGE .....		276	65.6		266	65.4
EDUCATION .....		249	59.1		239	58.7
HISPANIC ORIGIN .....		224	53.2		214	52.6
MEDICAL RISK FACTORS .....		12	*		11	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		39	9.3		38	9.3
ALCOHOL USE DURING PREGNANCY .....		42	10.0		41	10.1
WEIGHT GAIN DURING PREGNANCY .....		152	36.1		145	35.6
OBSTETRIC PROCEDURES .....		10	*		10	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		12	*		11	*
CONGENITAL ANOMALIES OF FETUS .....		49	11.6		47	11.5
UNDERLYING CAUSE OF DEATH .....		421	100.0		407	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MISSOURI .....	525			516		
GESTATION						
CLINICAL ESTIMATE .....		30	5.7		30	5.8
AS COMPUTED .....		71	13.5		66	12.8
COMBINED .....		9	*		9	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		30	5.7		28	5.4
NUMBER OF VISITS .....		50	9.5		48	9.3
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		41	7.8		38	7.4
MOTHER						
MARITAL STATUS .....		3	*		2	*
EDUCATION .....		43	8.2		41	7.9
HISPANIC ORIGIN .....		9	*		8	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		8	*		7	*
BORN LIVE, NOW DEAD .....		8	*		7	*
OTHER TERMINATIONS .....		8	*		7	*
FATHER						
RACE .....		142	27.0		140	27.1
AGE .....		197	37.5		195	37.8
EDUCATION .....		170	32.4		168	32.6
HISPANIC ORIGIN .....		141	26.9		140	27.1
MEDICAL RISK FACTORS .....		69	13.1		66	12.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		65	12.4		63	12.2
ALCOHOL USE DURING PREGNANCY		77	14.7		75	14.5
WEIGHT GAIN DURING PREGNANCY ..		146	27.8		142	27.5
OBSTETRIC PROCEDURES .....		63	12.0		61	11.8
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		69	13.1		68	13.2
CONGENITAL ANOMALIES OF FETUS .....		82	15.6		80	15.5
UNDERLYING CAUSE OF DEATH .....		525	100.0		516	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
MONTANA .....	75			73		
GESTATION						
CLINICAL ESTIMATE .....		6	*		6	*
AS COMPUTED .....		11	*		11	*
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		8	*		7	*
NUMBER OF VISITS .....		7	*		6	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		6	*		6	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		7	*		7	*
HISPANIC ORIGIN .....		8	*		8	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		13	*		12	*
AGE .....		15	*		14	*
EDUCATION .....		17	*		16	*
HISPANIC ORIGIN .....		18	*		17	*
MEDICAL RISK FACTORS .....		75	100.0		73	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		75	100.0		73	100.0
ALCOHOL USE DURING PREGNANCY		75	100.0		73	100.0
WEIGHT GAIN DURING PREGNANCY ..		75	100.0		73	100.0
OBSTETRIC PROCEDURES .....		75	100.0		73	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		75	100.0		73	100.0
CONGENITAL ANOMALIES OF FETUS .....		75	100.0		73	100.0
UNDERLYING CAUSE OF DEATH .....		75	100.0		73	100.0

<sup>1</sup> \* NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEBRASKA .....	161			159		
GESTATION						
CLINICAL ESTIMATE .....		161	100.0		159	100.0
AS COMPUTED .....		13	*		13	*
COMBINED .....		15	*		15	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		11	*		11	*
NUMBER OF VISITS .....		9	*		9	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		4	*		3	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		7	*		7	*
HISPANIC ORIGIN .....		8	*		8	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		5	*		5	*
BORN LIVE, NOW DEAD .....		5	*		5	*
OTHER TERMINATIONS .....		5	*		5	*
FATHER						
RACE .....		24	14.9		24	15.1
AGE .....		28	17.4		28	17.6
EDUCATION .....		30	18.6		30	18.9
HISPANIC ORIGIN .....		35	21.7		35	22.0
MEDICAL RISK FACTORS .....		161	100.0		159	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		161	100.0		159	100.0
ALCOHOL USE DURING PREGNANCY .....		161	100.0		159	100.0
WEIGHT GAIN DURING PREGNANCY .....		161	100.0		159	100.0
OBSTETRIC PROCEDURES .....		161	100.0		159	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		161	100.0		159	100.0
CONGENITAL ANOMALIES OF FETUS .....		161	100.0		159	100.0
UNDERLYING CAUSE OF DEATH .....		161	100.0		159	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEVADA .....	186			174		
GESTATION						
CLINICAL ESTIMATE .....		12	*		11	*
AS COMPUTED .....		69	37.1		62	35.6
COMBINED .....		4	*		4	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		48	25.8		41	23.6
NUMBER OF VISITS .....		52	28.0		45	25.9
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		54	29.0		48	27.6
MOTHER						
MARITAL STATUS .....		186	100.0		174	100.0
EDUCATION .....		17	*		15	*
HISPANIC ORIGIN .....		13	*		12	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		11	*		8	*
BORN LIVE, NOW DEAD .....		11	*		8	*
OTHER TERMINATIONS .....		11	*		8	*
FATHER						
RACE .....		18	*		16	*
AGE .....		20	10.8		18	*
EDUCATION .....		37	19.9		32	18.4
HISPANIC ORIGIN .....		31	16.7		27	15.5
MEDICAL RISK FACTORS .....		75	40.3		70	40.2
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		81	43.5		76	43.7
ALCOHOL USE DURING PREGNANCY .....		87	46.8		82	47.1
WEIGHT GAIN DURING PREGNANCY .....		122	65.6		112	64.4
OBSTETRIC PROCEDURES .....		73	39.2		69	39.7
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		79	42.5		74	42.5
CONGENITAL ANOMALIES OF FETUS .....		94	50.5		86	49.4
UNDERLYING CAUSE OF DEATH .....		186	100.0		174	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW HAMPSHIRE .....	112			110		
GESTATION						
CLINICAL ESTIMATE .....		2	*		2	*
AS COMPUTED .....		15	*		15	*
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		9	*		9	*
NUMBER OF VISITS .....		13	*		13	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		4	*		4	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		16	*		16	*
HISPANIC ORIGIN .....		112	100.0		110	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		1	*		1	*
FATHER						
RACE .....		23	20.5		23	20.9
AGE .....		35	31.3		35	31.8
EDUCATION .....		39	34.8		39	35.5
HISPANIC ORIGIN .....		112	100.0		110	100.0
MEDICAL RISK FACTORS .....		5	*		5	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		14	*		14	*
ALCOHOL USE DURING PREGNANCY .....		20	17.9		20	18.2
WEIGHT GAIN DURING PREGNANCY ..		36	32.1		36	32.7
OBSTETRIC PROCEDURES .....		5	*		5	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		12	*		12	*
CONGENITAL ANOMALIES OF FETUS .....		19	*		19	*
UNDERLYING CAUSE OF DEATH .....		112	100.0		110	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW JERSEY .....	953			910		
GESTATION						
CLINICAL ESTIMATE .....		342	35.9		340	37.4
AS COMPUTED .....		416	43.7		405	44.5
COMBINED .....		308	32.3		308	33.8
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		364	38.2		356	39.1
NUMBER OF VISITS .....		395	41.4		387	42.5
FETUS						
SEX <sup>1</sup> .....		5	*		-	*
BIRTH WEIGHT .....		414	43.4		399	43.8
MOTHER						
MARITAL STATUS .....		297	31.2		296	32.5
EDUCATION .....		234	24.6		224	24.6
HISPANIC ORIGIN .....		100	10.5		98	10.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		296	31.1		293	32.2
BORN LIVE, NOW DEAD .....		316	33.2		312	34.3
OTHER TERMINATIONS .....		316	33.2		311	34.2
FATHER						
RACE .....		104	10.9		100	11.0
AGE .....		210	22.0		200	22.0
EDUCATION .....		295	31.0		282	31.0
HISPANIC ORIGIN .....		165	17.3		160	17.6
MEDICAL RISK FACTORS .....		350	36.7		344	37.8
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		382	40.1		372	40.9
ALCOHOL USE DURING PREGNANCY .....		388	40.7		376	41.3
WEIGHT GAIN DURING PREGNANCY .....		620	65.1		597	65.6
OBSTETRIC PROCEDURES .....		318	33.4		314	34.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		345	36.2		342	37.6
CONGENITAL ANOMALIES OF FETUS .....		399	41.9		391	43.0
UNDERLYING CAUSE OF DEATH .....		953	100.0		910	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW MEXICO .....	118			115		
GESTATION						
CLINICAL ESTIMATE .....		6	*		6	*
AS COMPUTED .....		32	27.1		32	27.8
COMBINED .....		5	*		5	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		23	19.5		23	20.0
NUMBER OF VISITS .....		23	9.5		23	20.0
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		3	*		2	*
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		67	56.8		66	57.4
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		6	*		6	*
BORN LIVE, NOW DEAD .....		6	*		6	*
OTHER TERMINATIONS .....		7	*		7	*
FATHER						
RACE .....		37	31.4		36	31.3
AGE .....		74	62.7		73	63.5
EDUCATION .....		86	72.9		85	73.9
HISPANIC ORIGIN .....		37	31.4		36	31.3
MEDICAL RISK FACTORS .....		7	*		7	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		22	18.6		21	18.3
ALCOHOL USE DURING PREGNANCY .....		23	19.5		22	19.1
WEIGHT GAIN DURING PREGNANCY .....		69	58.5		69	60.0
OBSTETRIC PROCEDURES .....		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		6	*		6	*
CONGENITAL ANOMALIES OF FETUS .....		118	100.0		115	100.0
UNDERLYING CAUSE OF DEATH .....		118	100.0		115	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW YORK .....	11,169			1,243		
GESTATION						
CLINICAL ESTIMATE .....		937	8.4		65	5.2
AS COMPUTED .....		1,826	16.3		177	14.2
COMBINED .....		507	4.5		39	3.1
PLACE OF DELIVERY .....		9	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		3,298	29.5		159	12.8
NUMBER OF VISITS .....		3,880	34.7		219	17.6
FETUS						
SEX <sup>1</sup> .....		9,622	86.1		-	*
BIRTH WEIGHT .....		9,835	88.1		355	28.6
MOTHER						
MARITAL STATUS .....		11,169	100.0		1,243	100.0
EDUCATION .....		11,169	100.0		1,243	100.0
HISPANIC ORIGIN .....		2,251	20.2		130	10.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1,132	10.1		69	5.6
BORN LIVE, NOW DEAD .....		1,132	10.1		69	5.6
OTHER TERMINATIONS .....		1,132	10.1		69	5.6
FATHER						
RACE .....		4,322	38.7		345	27.8
AGE .....		5,784	51.8		440	35.4
EDUCATION .....		11,169	100.0		1,243	100.0
HISPANIC ORIGIN .....		4,427	39.6		329	26.5
MEDICAL RISK FACTORS .....		3,897	34.9		225	18.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		11,169	100.0		1,243	100.0
ALCOHOL USE DURING PREGNANCY .....		11,169	100.0		1,243	100.0
WEIGHT GAIN DURING PREGNANCY .....		11,169	100.0		1,243	100.0
OBSTETRIC PROCEDURES .....		3,120	27.9		125	10.1
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		4,970	44.5		271	21.8
CONGENITAL ANOMALIES OF FETUS .....		11,169	100.0		1,243	100.0
UNDERLYING CAUSE OF DEATH .....		11,169	100.0		1,243	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NEW YORK CITY .....	4,913			1,722		
GESTATION						
CLINICAL ESTIMATE .....		585	11.9		120	7.0
AS COMPUTED .....		1,226	25.0		304	17.7
COMBINED .....		257	5.2		39	2.3
PLACE OF DELIVERY .....		3	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		1,463	29.8		365	21.2
NUMBER OF VISITS .....		1,333	27.1		293	17.0
FETUS						
SEX <sup>1</sup> .....		2,824	57.5		-	*
BIRTH WEIGHT .....		2,879	58.6		281	16.3
MOTHER						
MARITAL STATUS .....		4,913	100.0		1,722	100.0
EDUCATION .....		1,995	40.6		616	35.8
HISPANIC ORIGIN .....		1,477	30.1		374	21.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		447	9.1		125	7.3
BORN LIVE, NOW DEAD .....		461	9.4		125	7.3
OTHER TERMINATIONS .....		455	9.3		126	7.3
FATHER						
RACE .....		2,439	49.6		890	51.7
AGE .....		3,380	68.8		1,133	65.8
EDUCATION .....		3,211	65.4		1,133	65.8
HISPANIC ORIGIN .....		3,037	61.8		1,052	61.1
MEDICAL RISK FACTORS .....		432	8.8		111	6.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		4,913	100.0		1,722	100.0
ALCOHOL USE DURING PREGNANCY .....		4,913	100.0		1,722	100.0
WEIGHT GAIN DURING PREGNANCY .....		3,989	81.2		1,144	66.4
OBSTETRIC PROCEDURES .....		528	10.7		90	5.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		727	14.8		171	9.9
CONGENITAL ANOMALIES OF FETUS .....		4,913	100.0		1,722	100.0
UNDERLYING CAUSE OF DEATH .....		4,913	100.0		1,722	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NORTH CAROLINA .....	906			885		
GESTATION						
CLINICAL ESTIMATE .....		22	2.4		22	2.5
AS COMPUTED .....		134	14.8		134	15.1
COMBINED .....		12	*		12	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		42	4.6		40	4.5
NUMBER OF VISITS .....		48	5.3		46	5.2
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		73	8.1		72	8.1
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		32	3.5		32	3.6
HISPANIC ORIGIN .....		11	*		11	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		7	*		7	*
BORN LIVE, NOW DEAD .....		8	*		8	*
OTHER TERMINATIONS .....		9	*		9	*
FATHER						
RACE .....		338	37.3		326	36.8
AGE .....		365	40.3		352	39.8
EDUCATION .....		358	39.5		345	39.0
HISPANIC ORIGIN .....		339	37.4		327	36.9
MEDICAL RISK FACTORS .....		32	3.5		30	3.4
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		49	5.4		48	5.4
ALCOHOL USE DURING PREGNANCY .....		69	7.6		68	7.7
WEIGHT GAIN DURING PREGNANCY .....		230	25.4		224	25.3
OBSTETRIC PROCEDURES .....		25	2.8		24	2.7
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		38	4.2		37	4.2
CONGENITAL ANOMALIES OF FETUS .....		67	7.4		65	7.3
UNDERLYING CAUSE OF DEATH .....		906	100.0		885	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
NORTH DAKOTA .....	75			74		
GESTATION						
CLINICAL ESTIMATE .....		2	*		2	*
AS COMPUTED .....		17	*		17	*
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		3	*		3	*
NUMBER OF VISITS .....		5	*		5	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		13	*		13	*
MOTHER						
MARITAL STATUS .....		2	*		2	*
EDUCATION .....		13	*		13	*
HISPANIC ORIGIN .....		16	*		16	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		2	*		2	*
BORN LIVE, NOW DEAD .....		2	*		2	*
OTHER TERMINATIONS .....		2	*		2	*
FATHER						
RACE .....		18	*		18	*
AGE .....		15	*		15	*
EDUCATION .....		19	*		19	*
HISPANIC ORIGIN .....		26	34.7		26	35.1
MEDICAL RISK FACTORS .....		6	*		6	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		7	*		7	*
ALCOHOL USE DURING PREGNANCY .....		7	*		7	*
WEIGHT GAIN DURING PREGNANCY ..		32	42.7		32	43.2
OBSTETRIC PROCEDURES .....		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		3	*		3	*
CONGENITAL ANOMALIES OF FETUS .....		8	*		7	*
UNDERLYING CAUSE OF DEATH .....		75	100.0		74	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
OHIO .....	1,170			1,146		
GESTATION						
CLINICAL ESTIMATE .....		13	*		13	*
AS COMPUTED .....		225	19.2		223	19.5
COMBINED .....		8	*		8	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		121	10.3		120	10.5
NUMBER OF VISITS .....		142	12.1		141	12.3
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		82	7.0		80	7.0
MOTHER						
MARITAL STATUS .....		1,170	100.0		1,146	100.0
EDUCATION .....		126	10.8		124	10.8
HISPANIC ORIGIN .....		31	2.6		31	2.7
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		57	4.9		57	5.0
BORN LIVE, NOW DEAD .....		58	5.0		58	5.1
OTHER TERMINATIONS .....		65	5.6		65	5.7
FATHER						
RACE .....		173	14.8		168	14.7
AGE .....		215	18.4		210	18.3
EDUCATION .....		251	21.5		244	21.3
HISPANIC ORIGIN .....		167	14.3		163	14.2
MEDICAL RISK FACTORS .....		68	5.8		68	5.9
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		145	12.4		142	12.4
ALCOHOL USE DURING PREGNANCY .....		168	14.4		162	14.1
WEIGHT GAIN DURING PREGNANCY .....		395	33.8		388	33.9
OBSTETRIC PROCEDURES .....		71	6.1		69	6.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		81	6.9		81	7.1
CONGENITAL ANOMALIES OF FETUS .....		121	10.3		118	10.3
UNDERLYING CAUSE OF DEATH .....		1,170	100.0		1,146	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
OKLAHOMA .....	390			384		
GESTATION						
CLINICAL ESTIMATE .....		390	100.0		384	100.0
AS COMPUTED .....		149	38.2		149	38.8
COMBINED .....		152	39.0		152	39.6
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		131	33.6		130	33.9
NUMBER OF VISITS .....		138	35.4		138	35.9
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		81	20.8		80	20.8
MOTHER						
MARITAL STATUS .....		80	20.5		80	20.8
EDUCATION .....		112	28.7		112	29.2
HISPANIC ORIGIN .....		390	100.0		384	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		113	29.0		113	29.4
BORN LIVE, NOW DEAD .....		113	29.0		113	29.4
OTHER TERMINATIONS .....		113	29.0		113	29.4
FATHER						
RACE .....		148	37.9		147	38.3
AGE .....		106	27.2		105	27.3
EDUCATION .....		181	46.4		180	46.9
HISPANIC ORIGIN .....		390	100.0		384	100.0
MEDICAL RISK FACTORS .....		390	100.0		384	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		390	100.0		384	100.0
ALCOHOL USE DURING PREGNANCY .....		390	100.0		384	100.0
WEIGHT GAIN DURING PREGNANCY .....		390	100.0		384	100.0
OBSTETRIC PROCEDURES .....		390	100.0		384	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		390	100.0		384	100.0
CONGENITAL ANOMALIES OF FETUS .....		390	100.0		384	100.0
UNDERLYING CAUSE OF DEATH .....		390	100.0		384	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
OREGON .....	236			232		
GESTATION						
CLINICAL ESTIMATE .....		5	*		5	*
AS COMPUTED .....		36	15.3		36	15.5
COMBINED .....		5	*		5	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		8	*		8	*
NUMBER OF VISITS .....		14	*		14	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		13	*		13	*
MOTHER						
MARITAL STATUS .....		4	*		4	*
EDUCATION .....		20	8.5		20	8.6
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		2	*		2	*
BORN LIVE, NOW DEAD .....		2	*		2	*
OTHER TERMINATIONS .....		3	*		3	*
FATHER						
RACE .....		54	22.9		51	22.0
AGE .....		80	33.9		78	33.6
EDUCATION .....		71	30.1		69	29.7
HISPANIC ORIGIN .....		52	22.0		50	21.6
MEDICAL RISK FACTORS .....		16	*		16	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		16	*		15	*
ALCOHOL USE DURING PREGNANCY .....		21	8.9		20	8.6
WEIGHT GAIN DURING PREGNANCY .....		69	29.2		67	28.9
OBSTETRIC PROCEDURES .....		6	*		6	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		7	*		7	*
CONGENITAL ANOMALIES OF FETUS .....		11	*		11	*
UNDERLYING CAUSE OF DEATH .....		236	100.0		232	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

## FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
PENNSYLVANIA .....	1,942			1,507		
GESTATION						
CLINICAL ESTIMATE .....		110	5.7		106	7.0
AS COMPUTED .....		420	21.6		313	20.8
COMBINED .....		86	4.4		86	5.7
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		271	14.0		220	14.6
NUMBER OF VISITS .....		260	13.4		205	13.6
FETUS						
SEX <sup>1</sup> .....		84	4.3		-	*
BIRTH WEIGHT .....		291	15.0		219	14.5
MOTHER						
MARITAL STATUS .....		170	8.8		135	9.0
EDUCATION .....		280	14.4		198	13.1
HISPANIC ORIGIN .....		62	3.2		38	2.5
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		56	2.9		50	3.3
BORN LIVE, NOW DEAD .....		58	3.0		52	3.5
OTHER TERMINATIONS .....		59	3.0		52	3.5
FATHER						
RACE .....		291	15.0		208	13.8
AGE .....		363	18.7		262	17.4
EDUCATION .....		413	21.3		305	20.2
HISPANIC ORIGIN .....		261	13.4		180	11.9
MEDICAL RISK FACTORS .....		214	11.0		171	11.3
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		336	17.3		246	16.3
ALCOHOL USE DURING PREGNANCY .....		405	20.9		303	20.1
WEIGHT GAIN DURING PREGNANCY .....		949	48.9		702	46.6
OBSTETRIC PROCEDURES .....		182	9.4		138	9.2
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		217	11.2		172	11.4
CONGENITAL ANOMALIES OF FETUS .....		504	26.0		413	27.4
UNDERLYING CAUSE OF DEATH .....		1,942	100.0		1,507	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
RHODE ISLAND .....	1,199			129		
GESTATION						
CLINICAL ESTIMATE .....		24	2.0		3	*
AS COMPUTED .....		693	57.8		70	54.3
COMBINED .....		19	*		1	*
PLACE OF DELIVERY .....		1	*		1	*
PRENATAL CARE						
MONTH BEGAN .....		1,010	84.2		77	59.7
NUMBER OF VISITS .....		1,021	85.2		84	65.1
FETUS						
SEX <sup>1</sup> .....		1,061	88.5		-	*
BIRTH WEIGHT .....		1,119	93.3		53	41.1
MOTHER						
MARITAL STATUS .....		132	11.0		31	24.0
EDUCATION .....		1,049	87.5		68	52.7
HISPANIC ORIGIN .....		1,199	100.0		129	100.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		207	17.3		32	24.8
BORN LIVE, NOW DEAD .....		207	17.3		32	24.8
OTHER TERMINATIONS .....		207	17.3		32	24.8
FATHER						
RACE .....		1,060	88.4		81	62.8
AGE .....		1,071	89.3		65	50.4
EDUCATION .....		1,084	90.4		80	62.0
HISPANIC ORIGIN .....		1,199	100.0		129	100.0
MEDICAL RISK FACTORS .....		1,199	100.0		129	100.0
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1,199	100.0		129	100.0
ALCOHOL USE DURING PREGNANCY .....		1,199	100.0		129	100.0
WEIGHT GAIN DURING PREGNANCY .....		1,199	100.0		129	100.0
OBSTETRIC PROCEDURES .....		1,199	100.0		129	100.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1,199	100.0		129	100.0
CONGENITAL ANOMALIES OF FETUS .....		1,199	100.0		129	100.0
UNDERLYING CAUSE OF DEATH .....		1,199	100.0		129	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

## FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
SOUTH CAROLINA .....	614			582		
GESTATION						
CLINICAL ESTIMATE .....		16	*		15	*
AS COMPUTED .....		86	14.0		82	14.1
COMBINED .....		12	*		12	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		44	7.2		44	7.6
NUMBER OF VISITS .....		46	7.5		46	7.9
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		35	5.7		34	5.8
MOTHER						
MARITAL STATUS .....		12	*		11	*
EDUCATION .....		75	12.2		70	12.0
HISPANIC ORIGIN .....		30	4.9		28	4.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		10	*		9	*
BORN LIVE, NOW DEAD .....		13	*		12	*
OTHER TERMINATIONS .....		13	*		12	*
FATHER						
RACE .....		303	49.3		283	48.6
AGE .....		362	59.0		342	58.8
EDUCATION .....		338	55.0		318	54.6
HISPANIC ORIGIN .....		303	49.3		284	48.8
MEDICAL RISK FACTORS .....		40	6.5		38	6.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		57	9.3		53	9.1
ALCOHOL USE DURING PREGNANCY .....		71	11.6		66	11.3
WEIGHT GAIN DURING PREGNANCY ..		178	29.0		164	28.2
OBSTETRIC PROCEDURES .....		34	5.5		31	5.3
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		39	6.4		38	6.5
CONGENITAL ANOMALIES OF FETUS .....		92	15.0		86	14.8
UNDERLYING CAUSE OF DEATH .....		614	100.0		582	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
SOUTH DAKOTA .....	76			75		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	* *
AS COMPUTED .....		6	*		6	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		2	*		2	*
NUMBER OF VISITS .....		2	*		2	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		1	*		1	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		2	*		2	*
HISPANIC ORIGIN .....		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		17	*		16	*
AGE .....		17	*		16	*
EDUCATION .....		21	27.6		20	26.7
HISPANIC ORIGIN .....		19	*		18	*
MEDICAL RISK FACTORS .....		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		76	100.0		75	100.0
ALCOHOL USE DURING PREGNANCY		76	100.0		75	100.0
WEIGHT GAIN DURING PREGNANCY ..		16	*		16	*
OBSTETRIC PROCEDURES .....		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		3	*		3	*
CONGENITAL ANOMALIES OF FETUS .....		3	*		3	*
UNDERLYING CAUSE OF DEATH .....		76	100.0		75	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
TENNESSEE .....	464			454		
GESTATION						
CLINICAL ESTIMATE .....		19	*		19	*
AS COMPUTED .....		62	13.4		61	13.4
COMBINED .....		6	*		6	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		42	9.1		41	9.0
NUMBER OF VISITS .....		49	10.6		47	10.4
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		15	*		13	*
MOTHER						
MARITAL STATUS .....		15	*		15	*
EDUCATION .....		55	11.9		53	11.7
HISPANIC ORIGIN .....		18	*		18	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		4	*		4	*
BORN LIVE, NOW DEAD .....		4	*		4	*
OTHER TERMINATIONS .....		4	*		4	*
FATHER						
RACE .....		162	34.9		155	34.1
AGE .....		213	45.9		205	45.2
EDUCATION .....		204	44.0		196	43.2
HISPANIC ORIGIN .....		166	35.8		159	35.0
MEDICAL RISK FACTORS .....		25	5.4		25	5.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		48	10.3		48	10.6
ALCOHOL USE DURING PREGNANCY .....		57	12.3		57	12.6
WEIGHT GAIN DURING PREGNANCY .....		193	41.6		188	41.4
OBSTETRIC PROCEDURES .....		38	8.2		38	8.4
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		24	5.2		24	5.3
CONGENITAL ANOMALIES OF FETUS .....		35	7.5		35	7.7
UNDERLYING CAUSE OF DEATH .....		464	100.0		454	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
TEXAS .....	2,166			2,099		
GESTATION						
CLINICAL ESTIMATE .....		133	6.1		132	6.3
AS COMPUTED .....		388	17.9		375	17.9
COMBINED .....		90	4.2		90	4.3
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		210	9.7		203	9.7
NUMBER OF VISITS .....		232	10.7		221	10.5
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		161	7.4		149	7.1
MOTHER						
MARITAL STATUS .....		2,166	100.0		2,099	100.0
EDUCATION .....		764	35.3		738	35.2
HISPANIC ORIGIN .....		25	1.2		25	1.2
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		57	2.6		56	2.7
BORN LIVE, NOW DEAD .....		64	3.0		63	3.0
OTHER TERMINATIONS .....		67	3.1		66	3.1
FATHER						
RACE .....		450	20.8		434	20.7
AGE .....		532	24.6		514	24.5
EDUCATION .....		1,056	48.8		1,025	48.8
HISPANIC ORIGIN .....		461	21.3		445	21.2
MEDICAL RISK FACTORS .....		973	44.9		938	44.7
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		1,020	47.1		985	46.9
ALCOHOL USE DURING PREGNANCY .....		1,061	49.0		1,024	48.8
WEIGHT GAIN DURING PREGNANCY .....		1,426	65.8		1,380	65.7
OBSTETRIC PROCEDURES .....		876	40.4		840	40.0
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		929	42.9		897	42.7
CONGENITAL ANOMALIES OF FETUS .....		827	38.2		796	37.9
UNDERLYING CAUSE OF DEATH .....		2,166	100.0		2,099	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
UTAH .....	236			227		
GESTATION						
CLINICAL ESTIMATE .....		15	*		15	*
AS COMPUTED .....		45	19.1		44	19.4
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		32	13.6		31	13.7
NUMBER OF VISITS .....		36	15.3		35	15.4
FETUS						
SEX <sup>1</sup> .....		2	*		-	*
BIRTH WEIGHT .....		17	*		16	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		26	11.0		25	11.0
HISPANIC ORIGIN .....		2	*		2	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		16	*		16	*
BORN LIVE, NOW DEAD .....		17	*		17	*
OTHER TERMINATIONS .....		17	*		17	*
FATHER						
RACE .....		34	14.4		34	15.0
AGE .....		50	21.2		48	21.1
EDUCATION .....		55	23.3		53	23.3
HISPANIC ORIGIN .....		32	13.6		32	14.1
MEDICAL RISK FACTORS .....		17	*		16	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		13	*		12	*
ALCOHOL USE DURING PREGNANCY .....		13	*		12	*
WEIGHT GAIN DURING PREGNANCY .....		54	22.9		52	22.9
OBSTETRIC PROCEDURES .....		11	*		11	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		16	*		16	*
CONGENITAL ANOMALIES OF FETUS .....		45	19.1		44	19.4
UNDERLYING CAUSE OF DEATH .....		236	100.0		227	100.0

<sup>1</sup> \* NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES



FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
VERMONT .....	49			46		
GESTATION						
CLINICAL ESTIMATE .....		3	*		2	*
AS COMPUTED .....		8	*		8	*
COMBINED .....		1	*		1	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		9	*		9	*
NUMBER OF VISITS .....		5	*		5	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		7	*		7	*
MOTHER						
MARITAL STATUS .....		3	*		3	*
EDUCATION .....		7	*		7	*
HISPANIC ORIGIN .....		4	*		4	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		8	*		8	*
AGE .....		13	*		13	*
EDUCATION .....		10	*		10	*
HISPANIC ORIGIN .....		8	*		8	*
MEDICAL RISK FACTORS .....		4	*		4	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		7	*		7	*
ALCOHOL USE DURING PREGNANCY		12	*		12	*
WEIGHT GAIN DURING PREGNANCY ..		22	44.9		20	43.5
OBSTETRIC PROCEDURES .....		3	*		3	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		1	*		1	*
CONGENITAL ANOMALIES OF FETUS .....		6	*		6	*
UNDERLYING CAUSE OF DEATH .....		49	100.0		46	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
VIRGINIA .....	8,039			856		
GESTATION						
CLINICAL ESTIMATE .....		1,165	14.5		40	4.7
AS COMPUTED .....		2,014	25.1		130	15.2
COMBINED .....		501	6.2		7	*
PLACE OF DELIVERY .....		10	*		2	*
PRENATAL CARE						
MONTH BEGAN .....		3,275	40.7		180	21.0
NUMBER OF VISITS .....		3,675	45.7		218	25.5
FETUS						
SEX <sup>1</sup> .....		6,870	85.5		-	*
BIRTH WEIGHT .....		6,996	87.0		227	26.5
MOTHER						
MARITAL STATUS .....		335	4.2		14	*
EDUCATION .....		5,127	63.8		304	35.5
HISPANIC ORIGIN .....		3,289	40.9		300	35.0
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		579	7.2		21	2.5
BORN LIVE, NOW DEAD .....		579	7.2		22	2.6
OTHER TERMINATIONS .....		618	7.7		23	2.7
FATHER						
RACE .....		6,118	76.1		580	67.8
AGE .....		6,584	81.9		590	68.9
EDUCATION .....		8,039	100.0		856	100.0
HISPANIC ORIGIN .....		8,039	100.0		856	100.0
MEDICAL RISK FACTORS .....		4,159	51.7		369	43.1
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		4,891	60.8		408	47.7
ALCOHOL USE DURING PREGNANCY .....		5,223	65.0		420	49.1
WEIGHT GAIN DURING PREGNANCY .....		6,923	86.1		562	65.7
OBSTETRIC PROCEDURES .....		4,060	50.5		340	39.7
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		4,642	57.7		391	45.7
CONGENITAL ANOMALIES OF FETUS .....		4,886	60.8		410	47.9
UNDERLYING CAUSE OF DEATH .....		8,039	100.0		856	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
WASHINGTON .....	381			375		
GESTATION						
CLINICAL ESTIMATE .....		42	11.0		42	11.2
AS COMPUTED .....		103	27.0		103	27.5
COMBINED .....		23	6.0		23	6.1
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		83	21.8		81	21.6
NUMBER OF VISITS .....		96	25.2		94	25.1
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		51	13.4		49	13.1
MOTHER						
MARITAL STATUS .....		22	5.8		21	5.6
EDUCATION .....		144	37.8		142	37.9
HISPANIC ORIGIN .....		79	20.7		78	20.8
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		13	*		13	*
BORN LIVE, NOW DEAD .....		9	*		9	*
OTHER TERMINATIONS .....		22	5.8		21	5.6
FATHER						
RACE .....		70	18.4		70	18.7
AGE .....		124	32.5		122	32.5
EDUCATION .....		163	42.8		162	43.2
HISPANIC ORIGIN .....		97	25.5		96	25.6
MEDICAL RISK FACTORS .....		88	23.1		88	23.5
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY .....		91	23.9		91	24.3
ALCOHOL USE DURING PREGNANCY .....		107	28.1		107	28.5
WEIGHT GAIN DURING PREGNANCY ..		223	58.5		218	58.1
OBSTETRIC PROCEDURES .....		92	24.1		92	24.5
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		103	27.0		102	27.2
CONGENITAL ANOMALIES OF FETUS .....		125	32.8		124	33.1
UNDERLYING CAUSE OF DEATH .....		381	100.0		375	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
WEST VIRGINIA .....	180			180		
GESTATION						
CLINICAL ESTIMATE .....		9	*		9	*
AS COMPUTED .....		16	*		16	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		20	11.1		20	11.1
NUMBER OF VISITS .....		23	12.8		23	12.8
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		5	*		5	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		25	13.9		25	13.9
HISPANIC ORIGIN .....		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		39	21.7		39	21.7
AGE .....		50	27.8		50	27.8
EDUCATION .....		58	32.2		58	32.2
HISPANIC ORIGIN .....		36	20.0		36	20.0
MEDICAL RISK FACTORS .....		2	*		2	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		9	*		9	*
ALCOHOL USE DURING PREGNANCY		18	*		18	*
WEIGHT GAIN DURING PREGNANCY ..		64	35.6		64	35.6
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		4	*		4	*
CONGENITAL ANOMALIES OF FETUS .....		2	*		2	*
UNDERLYING CAUSE OF DEATH .....		180	100.0		180	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
WISCONSIN .....	485			474		
GESTATION						
CLINICAL ESTIMATE .....		5	*		5	*
AS COMPUTED .....		39	8.0		38	8.0
COMBINED .....		2	*		2	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		15	*		14	*
NUMBER OF VISITS .....		14	*		13	*
FETUS						
SEX <sup>1</sup> .....		1	*		-	*
BIRTH WEIGHT .....		9	*		8	*
MOTHER						
MARITAL STATUS .....		-	*		-	*
EDUCATION .....		15	*		15	*
HISPANIC ORIGIN .....		35	7.2		35	7.4
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		1	*		1	*
BORN LIVE, NOW DEAD .....		1	*		1	*
OTHER TERMINATIONS .....		2	*		2	*
FATHER						
RACE .....		171	35.3		165	34.8
AGE .....		182	37.5		176	37.1
EDUCATION .....		171	35.3		165	34.8
HISPANIC ORIGIN .....		185	38.1		179	37.8
MEDICAL RISK FACTORS .....		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		9	*		9	*
ALCOHOL USE DURING PREGNANCY		9	*		9	*
WEIGHT GAIN DURING PREGNANCY ..		55	11.3		54	11.4
OBSTETRIC PROCEDURES .....		-	*		-	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		-	*		-	*
CONGENITAL ANOMALIES OF FETUS .....		6	*		6	*
UNDERLYING CAUSE OF DEATH .....		485	100.0		474	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
\* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 13

NUMBER AND PERCENT OF FETAL DEATHS WITH UNKNOWN RESPONSES BY OCCURRENCE: UNITED STATES AND EACH STATE, 1989. (UNKNOWN RESPONSES INCLUDE NOT STATEDS AND NOT ON REPORTING FORM)

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN	TOTAL DEATHS	NUMBER UNKNOWN	PERCENT UNKNOWN
WYOMING .....	51			50		
GESTATION						
CLINICAL ESTIMATE .....		1	*		1	*
AS COMPUTED .....		4	*		4	*
COMBINED .....		-	*		-	*
PLACE OF DELIVERY .....		-	*		-	*
PRENATAL CARE						
MONTH BEGAN .....		2	*		2	*
NUMBER OF VISITS .....		2	*		2	*
FETUS						
SEX <sup>1</sup> .....		-	*		-	*
BIRTH WEIGHT .....		3	*		3	*
MOTHER						
MARITAL STATUS .....		1	*		1	*
EDUCATION .....		1	*		-	*
HISPANIC ORIGIN .....		1	*		1	*
PREGNANCY HISTORY						
BORN LIVE, NOW LIVING .....		-	*		-	*
BORN LIVE, NOW DEAD .....		-	*		-	*
OTHER TERMINATIONS .....		-	*		-	*
FATHER						
RACE .....		8	*		7	*
AGE .....		8	*		7	*
EDUCATION .....		9	*		8	*
HISPANIC ORIGIN .....		8	*		7	*
MEDICAL RISK FACTORS .....		1	*		1	*
OTHER RISK FACTORS						
TOBACCO USE DURING PREGNANCY		3	*		3	*
ALCOHOL USE DURING PREGNANCY		7	*		7	*
WEIGHT GAIN DURING PREGNANCY ..		17	*		17	*
OBSTETRIC PROCEDURES .....		2	*		2	*
COMPLICATIONS OF LABOR AND/OR DELIVERY .....		2	*		2	*
CONGENITAL ANOMALIES OF FETUS .....		2	*		2	*
UNDERLYING CAUSE OF DEATH .....		51	100.0		50	100.0

<sup>1</sup> NOT STATED SEX IS IMPUTED FOR FETAL DEATHS OF 20 WEEKS OR MORE GESTATION  
 \* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1989

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
MEDICAL RISK FACTORS FOR THIS PREGNANCY						
ANEMIA .....	55,488	1,090	2.0	27,275	834	3.1
CARDIAC DISEASE .....	55,488	215	0.4	27,275	111	0.4
ACUTE OR CHRONIC LUNG DISEASE .....	55,488	214	0.4	27,275	165	0.6
DIABETES .....	55,488	837	1.5	27,275	712	2.6
GENITAL HERPES .....	42,526	143	0.3	23,911	115	0.5
HYDRAMINOS/OLIGOHYDRAMINOS .....	44,676	914	2.0	25,986	882	3.4
HEMOGLOBINOPATHY .....	44,676	73	0.2	25,986	63	0.2
HYPERTENSION, CHRONIC .....	55,488	700	1.3	27,275	602	2.2
HYPERTENSION, PREGNANCY-ASSOCIATED .....	55,488	989	1.8	27,275	951	3.5
ECLAMPSIA .....	55,488	201	0.4	27,275	182	0.7
INCOMPETENT CERVIX .....	44,676	642	1.4	25,986	544	2.1
PREVIOUS INFANT 4000+ GRAMS .....	44,676	210	0.5	25,986	194	0.7
PREVIOUS PRETERM OR SMALL-FOR-GESTATIONAL-AGE INFANT .....	44,676	836	1.9	25,986	738	2.8
RENAL DISEASE .....	55,488	197	0.4	27,275	173	0.6
RH SENSITIZATION .....	55,241	180	0.3	27,037	118	0.4
UTERINE BLEEDING .....	53,338	5,799	10.9	25,200	1,148	4.6

<sup>1</sup> TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1989

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
OBSTETRIC PROCEDURES						
AMNIOCENTESIS .....	55,488	1,424	2.6	27,275	1,295	4.7
ELECTRONIC FETAL MONITORING .....	55,488	5,904	10.6	27,275	5,514	20.2
INDUCTION OF LABOR .....	55,488	6,577	11.9	27,275	6,083	22.3
STIMULATION OF LABOR .....	55,488	2,056	3.7	27,275	1,878	6.9
TOCOLYSIS .....	55,488	699	1.3	27,275	651	2.4
ULTRASOUND .....	53,976	21,453	39.7	25,823	11,857	45.9

<sup>1</sup> TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.



FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1989

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
COMPLICATIONS OF LABOR AND/OR DELIVERY						
FEBRILE .....	55,488	1,227	2.2	27,275	1,022	3.7
MECONIUM, MODERATE/HEAVY .....	55,488	1,422	2.6	27,275	1,405	5.2
PREMATURE RUPTURE OF MEMBRANE .....	55,488	2,309	4.2	27,275	1,907	7.0
ABRUPTIO PLACENTA .....	55,488	2,457	4.4	27,275	2,295	8.4
PLACENTA PREVIA .....	55,488	310	0.6	27,275	264	1.0
OTHER EXCESSIVE BLEEDING .....	55,488	854	1.5	27,275	403	1.5
SEIZURES DURING LABOR .....	55,488	42	0.1	27,275	37	0.1
PRECIPITOUS LABOR .....	55,488	404	0.7	27,275	378	1.4
PROLONGED LABOR .....	55,488	164	0.3	27,275	149	0.5
DYSFUNCTIONAL LABOR .....	55,488	176	0.3	27,275	164	0.6
BREECH/MALPRESENTATION .....	55,488	2,993	5.4	27,275	2,792	10.2
CEPHALOPELVIC DISPROPORTION .....	42,526	95	0.2	23,911	91	0.4
CORD PROLAPSE .....	55,488	613	1.1	27,275	544	2.0
ANESTHETIC COMPLICATIONS .....	53,338	15	*	25,200	8	*
FETAL DISTRESS .....	53,338	779	1.5	25,200	716	2.8

<sup>1</sup> TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.  
\* FEWER THAN 20 CASES

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1989

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
METHOD OF DELIVERY						
VAGINAL .....	44,676	29,399	65.8	25,986	19,999	77.0
VAGINAL BIRTH AFTER PREVIOUS C-SECTION .....	44,676	673	1.5	25,986	608	2.3
PRIMARY C-SECTION .....	44,676	1,710	3.8	25,986	1,685	6.5
REPEAT C-SECTION .....	44,676	696	1.6	25,986	688	2.6
FORCEPS .....	44,676	613	1.4	25,986	437	1.7
VACUUM .....	44,676	1,486	3.3	25,986	263	1.0
HYSTEROTOMY/HYSTERECTOMY .....	33,473	189	0.6	18,364	126	0.7

<sup>1</sup> TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.

FETAL DEATH DOCUMENTATION TABLE 14

NUMBER AND PERCENT OF FETAL DEATHS WITH SPECIFIC CHECKBOX ITEMS REPORTED BY PLACE OF RESIDENCE FOR THE UNITED STATES, 1989

	ALL FETAL DEATHS			20 WEEKS OR MORE		
	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED	TOTAL DEATHS <sup>1</sup>	NUMBER REPORTED	PERCENT REPORTED
CONGENITAL ANOMALIES OF FETUS						
ANENCEPHALUS .....	39,530	380	1.0	24,208	350	1.4
SPINA BIFIDA/MENINGOCELE .....	39,530	158	0.4	24,208	151	0.6
HYDROCEPHALUS .....	39,530	248	0.6	24,208	241	1.0
MICROCEPHALUS .....	39,530	45	0.1	24,208	43	0.2
OTHER CENTRAL NERVOUS SYSTEM ANOMALIES .....	39,530	206	0.5	24,208	196	0.8
HEART MALFORMATIONS .....	39,530	239	0.6	24,208	235	1.0
OTHER CIRCULATORY/RESPIRATORY ANOMALIES .....	39,530	202	0.5	24,208	198	0.8
RECTAL ATRESIA/STENOSIS .....	39,530	26	0.1	24,208	24	0.1
TRACHEO ESOPHAGEAL FISTULA/ESOPHAGEAL ATRESIA .....	39,530	16	*	24,208	16	*
OMPHALOCELE/GASTROSCHISIS .....	39,530	167	0.4	24,208	161	0.7
OTHER GASTROINTESTINAL ANOMALIES ..	39,530	111	0.3	24,208	108	0.4
MALFORMED GENITALIA .....	39,530	95	0.2	24,208	95	0.4
RENAL AGENESIS .....	39,530	82	0.2	24,208	80	0.3
OTHER UROGENITAL ANOMALIES .....	39,530	121	0.3	24,208	119	0.5
CLEFT LIP/PALATE .....	39,530	187	0.5	24,208	178	0.7
POLYDACTYLY/SYNDACTYLY/ADACTYLY ..	39,530	124	0.3	24,208	118	0.5
CLUB FOOT .....	39,530	111	0.3	24,208	110	0.5
DIAPHRAGMATIC HERNIA .....	39,530	27	0.1	24,208	27	0.1
OTHER MUSCULOSKETAL/INTEGUMENTAL ANOMALIES .....	39,530	267	0.7	24,208	259	1.1
DOWN'S SYNDROME .....	39,530	129	0.3	24,208	107	0.4
OTHER CHROMOSOMAL ANOMALIES .....	39,530	327	0.8	24,208	301	1.2

<sup>1</sup> TOTAL NUMBER OF FETAL DEATHS TO RESIDENTS OF AREAS REPORTING SPECIFIC CHECKBOX ITEMS.  
\* FEWER THAN 20 CASES

## SOURCES OF DATA

### Death and fetal-death statistics

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

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

The Virgin Islands was admitted to the registration area for deaths in 1924; Puerto Rico, in 1932; and Guam, in 1970. Tabulations of death statistics for Puerto Rico and the Virgin Islands were shown regularly in the annual volumes of Vital Statistics of the United States from the year of their admission through 1971 except for the years 1967 through 1969, and tabulations for Guam were included for 1970 and 1971. Death statistics for Puerto Rico, the Virgin Islands, and Guam were not included in the 1972 volume but have been included in section 8 of the volumes for each of the years 1973-78 and in section 9 beginning with 1979. Information for 1972 for these three areas was published in the respective annual vital statistics reports of the Department of Health of the Commonwealth of Puerto Rico, the Department of Health of the Virgin Islands, and the Department of Public Health and Social Services of the Government of Guam.

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

Beginning with 1971, an increasing number of States provided NCHS, with computer tapes of data coded according to NCHS specifications and provided to NCHS through the Vital Statistics Cooperative Program. The year State-coded demographic data were first transmitted on computer tape to NCHS is shown below for each of the States, New York City, Puerto Rico, and the District of Columbia, all of which now furnish demographic or nonmedical data on tape.

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

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

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

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

For 1989 and previous years except 1972, NCHS coded the medical information from copies of the original certificates received from the registration offices for all deaths occurring in those States that were not furnishing NCHS medical data coded according to NCHS specifications. In addition, Georgia, Indiana, Maine, and Wisconsin submitted copies of the original certificates from which NCHS coded the medical data for part of the year. For 1981 and 1982, 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. Sampling variation associated with the 50-percent sample is described below in the section "Estimates of errors arising from 50-percent sample for 1972."

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

### **Standard certificates and reports**

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 principle 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.

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

Among the major changes made were the addition of a new item on educational attainment and changes to improve the medical certification of cause of death. Additional lines to report causes of death were added as well as more complete instructions with examples for properly completing the cause of death. Also, for the first time, the U.S. Standard Certificate of Death includes a question about the Hispanic origin of the decedent. A number of States had included an Hispanic-origin identifier on their certificates, resulting in data shown in this volume for years before 1989. To obtain information on type of place of death, the format of the item was changed from an open-ended question to a checkbox.

## HISTORY

The first death statistics published by the Federal Government concerned events in 1850 and were based on statistics collected during the decennial census of that year. In 1880 a national "registration area" was created for recording deaths. Originally consisting of two States (Massachusetts and New Jersey), the District of Columbia, and several large cities having efficient systems for death registrations, the death-registration area continued to expand until 1933, when, for the first time, it included 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 the Technical Appendix in Vital Statistics of the United States, 1979, Volume II, Mortality, Part A, section 7, pages 3 and 4, and the section "History and Organization of the Vital Statistics System," chapter 1, Vital Statistics of the United States, 1950, Volume I, pages 2-19. Statistics on fetal deaths were first published for the birth- registration area in 1918 and then annually beginning in 1922.

### CLASSIFICATION OF DATA

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

The general rules used in the classification of geographic and personal items for deaths and fetal deaths for 1989 appear in two NCHS instruction manuals (2,3). A discussion of the classification of certain important items is presented below.

#### **Classification by occurrence and residence**

Tabulations for the United States and specified geographic areas in this volume are 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 United States with deaths of "nonresidents of the United States" assigned to place of death. "Deaths of nonresidents of the United States" refers to deaths that occur in the United States to nonresident aliens; nationals residing abroad; and residents of Puerto Rico, the Virgin Islands, Guam, and other territories of the United States. Beginning with 1970, "deaths of nonresidents of the United States" are not included in tables by place of residence.



Tables by place of occurrence, on the other hand, include deaths of residents and nonresidents of the United States. Consequently, for each year beginning with 1970, the total number of deaths in the United States by place of occurrence was somewhat greater than the total by place of residence. For 1989 this difference amounted to 3,393 deaths. Mortality statistics by place of occurrence are shown in tables 1-11, 1-19, 1-20, 1-30, 1-31, 1-32, 3-1, 3-6, 8-1, and 8-7.

Before 1970, except in 1964 and 1965, deaths of nonresidents of the United States occurring in the United States were treated as deaths of residents of the exact places of occurrence, which in most instances were urban areas. 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 the classification of residence information on the death certificates corresponded closely to the residence classification of the census records for the decedents whose records were matched (4).

A comparison of the results of this study of deaths with those for a previous matched record study of births (5) showed 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.

#### **Geographic classification**

The rules followed in the classification of geographic areas for deaths and fetal deaths are contained in the two instruction manuals referred to previously (2,3). The geographic codes assigned by the NCHS during data reduction of source information on birth, death, and fetal-death records are given in another instruction manual (6). Beginning with 1982 data, the geographic codes were modified to reflect results of the 1980 census. For 1970-81, codes are based on results of the 1970 census.

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

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

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

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

Population-size groups—In 1989 vital statistics data for cities and certain other urban places were classified according to the population enumerated in the 1980 Census of Population. Specific data are available for each city or urban place with 10,000 or more population. Data for the remaining areas not separately identified are shown in the tables under the heading "balance of area" or "balance of county." For the years 1970-81, classification of areas was determined by the population enumerated in the 1970 Census of Population. Beginning with 1982 data, some urban places identified in previous reports were deleted and others were added because of changes occurring in the enumerated population between 1970 and 1980.

Urban places other than incorporated cities for which vital statistics data are shown in this volume include the following:

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

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

### **State or country of birth**

Mortality statistics by State or country of birth (table 1-36) became available beginning with 1979. State or country of birth of a decedent is assigned to 1 of the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, or Guam—if specified on the death certificate. The place of birth also is 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, about 1.2 percent, of all deaths in 1989.

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 published again in annual reports for 1939-41 and for 1950.

### **Age**

The age recorded on the death record is the age at last birthday. With respect to the computation of death rates, the age classification used by the U.S. Bureau of the Census is based also on the age of the person in completed years.

For computation of age-specific and age-adjusted death rates, deaths with age not stated are excluded. For life table computation, deaths with age not stated are distributed proportionately.

### **Race**

For vital statistics in the United States for 1989, deaths are classified by race—white, black, American Indian, Chinese, Hawaiian, Japanese, Filipino, Other Asian or Pacific Islander, and Other. Mortality data for Filipino and Other Asian or Pacific Islander were shown for the first time in 1979.

The white category includes, in addition to persons reported as white, those reported as Mexican, Puerto Rican, Cuban, and all other Caucasians. The American Indian category includes American, Alaskan, Canadian, Mexican, Eskimo, and Aleut. If the racial entry on the death certificate indicates a mixture of Hawaiian and any other race, the entry is coded to Hawaiian. If the race is given as a mixture of white and any other race, the entry is coded to the appropriate nonwhite race. If a mixture of races other than white is given (except Hawaiian), the entry is coded to the first race listed. This procedure for coding the first race listed has been 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.

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

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

New Jersey, 1962-64—New Jersey omitted the race item from its certificates of live birth, death, and fetal death used 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 through 1964 are described in the Technical Appendix of Vital Statistics of the United States for each of those data years.

### **Hispanic origin**

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

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

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, Homong, etc., (specify)

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

In tables 2-20, 2-21, 2-22, and 2-23, the reporting areas are based on deaths to residents of 43 reporting States and the District of Columbia whose mortality data for all ages and whose live birth data were at least 90 percent complete on a place-of-occurrence basis and considered to be sufficiently comparable to be used for analysis. The 43 States are Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York (including New York City), North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, and Wyoming. Data for Connecticut, Maryland, and Virginia were excluded for the reasons stated above. Rhode Island also was excluded because of the large proportion of unknown.

The 44 and 43 reporting States and the District of Columbia for which general mortality data are shown in this report accounted for about 97 percent of the Hispanic population in the United States in 1980. This included about 99 percent of the Mexican population, 94 percent of the Puerto Rican population, 97 percent of the Cuban population, and 94 percent of the "Other Hispanic" population (10).

Accordingly, some caution should be exercised in generalizing mortality patterns of reporting areas to the Hispanic-origin population of the entire United States. For qualifications regarding infant mortality of the Hispanic-origin population, see "Infant deaths."

## **Marital status**

Mortality statistics by marital status (tables 1-34 and 1-35) were published in 1979 for the first time since 1961. (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 (11). Reference to earlier reports is given in the appendix of part B of the 1959-61 special study.

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

## **Educational attainment**

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

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

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

## **Place of death and status of decedent**

Mortality statistics classified by place of death were published in 1979 for the first time since 1958 (tables 1-30, 1-31, and 1-32). In addition, mortality data were also available for the first time in 1979 for the status of decedent when death occurred in a hospital or medical center. The 1989 data were obtained from the following two items 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 to the 1989 revision of the Standard Certificate of Death, information on place of death and status of decedent should be determined if the hospital or institution indicated Inpatient, Outpatient, ER, and DOA, and if the name of the hospital or institution, which was used to determine the type of facility, on the certificate. The change to a checkbox format in many states for this item may affect the comparability of data between 1989 and previous years.

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. Louisiana's certificate was revised in 1989, but the computer system was not changed. Therefore, the same detail categories used in 1988 were used in 1989. As a result, not all categories, were available. For all reporting States and the District of Columbia in the Vital Statistics Cooperative Program, NCHS accepts the State definition, classification, or code for hospitals, medical centers, nursing homes, or other institutions.

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

California—For the first five months of data 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 published in the annual volume for each year beginning with data year 1900. For 1989 deaths by month are shown in tables 1-20, 1-21, 1-24, 1-33, 2-12, 2-13, 2-14, and 3-7.

Date of death was published for the first time for data year 1972. In addition, unpublished data for selected causes by date of death for 1962 are available from NCHS.

Numbers of deaths by date of death in this volume are shown in table 1-33 for the total number of deaths and for the 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 the 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 certificates as to whether autopsies were performed. For 1989 autopsies were reported on 247,251 death certificates, 11.5 percent of the total (table 1-29).

Information indicating whether autopsy findings were used in determining the cause of death was tabulated for 1972-73 for all but nine registration areas and for 1974-77 for all but eight registration areas. The item "autopsy findings used" was deleted from the 1978 U.S. Standard Certificate of Death.

For eight of the cause-of-death categories shown in table 1-29, autopsies were reported as performed for 50 percent or more of all deaths (Meningococcal infection; Pregnancy with abortive outcome; Other complications of pregnancy, childbirth, and the puerperium; Symptoms, signs, and ill-defined conditions; Motor vehicle accidents; Suicide; Homicide and legal intervention; and All other external causes). There was one other category for which 40 percent or more of the death certificates reported autopsies. Autopsies were reported for only 7.3 percent of the Major cardiovascular diseases.

### **Cause of death**

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

For each death the underlying cause is selected from an array of conditions reported in the medical certification section on the death certificate. This section provides a format for entering the 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 or more conditions 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 (12). In addition to specifying that ICD-9 be used, WHO also recommends how the data should be tabulated to promote international comparability. The recommended system for tabulating data 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 for 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 through 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 through 56) are not used by NCHS for selecting underlying causes of death; rather, preference is given to rubrics E47 through E56. The 57th two-digit rubric VO is the Supplementary Classification of Factors Influencing Health Status and Contact with Health Services and is not appropriate for the tabulation of mortality data. The WHO Mortality List, a subset of the titles contained in the BTL, consists of 50 rubrics that are the minimum necessary for the national display of mortality data.

Five lists of causes have been developed for tabulation and publication of mortality data in this volume—the Each-Cause List, List of 282 Selected Causes of Death, List of 72 Selected Causes of Death, List of 61 Selected Causes of Infant Death, and List of 34 Selected Causes of Death. These lists were designed to be as comparable as possible with the NCHS lists more recently 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. The list is used for tabulation for the entire United States. The published Each-Cause table does not show the four-digit subcategories provided for Motor vehicle accidents (E810-E825); however, these subcategories that identify persons injured are shown in the accident tables of this report (section 5). Special fifth-digit subcategories also are used in the accident tables to identify place of accident when deaths from nontransport accidents are shown. These are not shown in the Each-Cause table.

The List of 282 Selected Causes of Death is constructed from BTL rubrics 01-46 and E47-E56. Each of the 56 BTL two-digit titles can be obtained either directly or by combining titles in the List. The three-digit level of the BTL is modified more extensively. Where more detail was desired, categories not shown in the three-digit rubrics were added to the List of 282 Selected Causes of Death. Where less detail was needed, the three-digit rubrics were combined. Moreover, each of the 50 rubrics of the WHO Mortality List can be obtained from the List of 282 Selected Causes of Death.

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

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

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

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

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

A dual coding study was undertaken comparing the Ninth and the Eighth Revisions to measure the extent of discontinuity in cause-of-death statistics resulting from introducing the new Revision. A study for the List of 72

Selected Causes of Death and the List of 10 Selected Causes of Infant Death has been published (13). The List of 10 Selected Causes of Infant Death is a basic NCHS tabulation list not used in this volume but used for provisional data in the Monthly Vital Statistics Report, another NCHS publication. Comparability studies also were undertaken between the Eighth and Seventh, Seventh and Sixth, and Sixth and Fifth Revisions. For additional information about these studies, see the 1979 Technical Appendix previously mentioned.

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

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

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

Medical certification—The use of a standard classification list, although essential for State, regional, and international comparison, does not 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 of relatively small samples and for limited geographic areas. A bibliography prepared by NCHS (14), 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 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 1989 a record low of 1.3 percent of all reported deaths in the United States was assigned to this category compared with 1.4 for 1988. However, trends in the percent of deaths assigned to this category vary by age. Although the percent of deaths in this category for all ages combined has generally remained stable between 1980 and 1988, a slight increase in the percent occurred for the age group 5-14 years and a decrease occurred for all the age groups 55 years and over. However, between 1988 and 1989, the percent decreased for almost all age groups.

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

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

The ACME computer program requires the coding of all conditions shown on the medical certification. These codes are matched automatically against decision tables that consistently select the underlying cause of death for each record according to the international rules. The decision tables provide the comprehensive relationships 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 are periodically updated to reflect additional new information on the relationship among medical conditions. For data year 1988 these tables were amended to incorporate minor changes to the previously mentioned classification for Human immunodeficiency virus infection (\*042-\*044) that had originally been implemented with data year 1987. Coding procedures for selecting the underlying cause of death by using the ACME computer program, as well as by using the ACME decision tables, are documented in NCHS instruction manuals (15-17).

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

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

### Maternal deaths

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

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

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

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

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

#### **Infant deaths**

Age—Infant death is defined as a death under 1 year of age. The term excludes fetal deaths. Infant deaths are usually divided into two categories according to age, neonatal and postneonatal. Neonatal deaths are those that occur during the first 27 days of life; postneonatal deaths are those that occur between 28 days and 1 year of age. It has generally been believed that different factors influencing the child's survival predominate in these two periods: Factors associated with prenatal development,

heredity, and the birth process were considered dominant in the neonatal period; environmental factors, such as nutrition, hygiene, and accidents, were considered more important in the postneonatal period. Recently, however, the distinction between these two periods has blurred due in part to advances in neonatology, which have enabled more very small premature infants to survive the neonatal period.

Rates—Infant mortality rates shown in sections 2 and 8 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 (18,19). Other sources of error in the infant mortality rate have been attributed to differences in applying the definitions for infant death and fetal death when registering the event (20,21).

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

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

#### **Race**

Change in tabulation of race data for live births and fetal deaths—Beginning with the 1989 data year, NCHS has changed the method of tabulating live birth and fetal death data by race from race of child to race of mother. This results in infant, fetal, perinatal, and maternal mortality rates for 1989 that are not comparable with those published

for previous years, because live births comprise the denominator of these rates. To facilitate continuity and ease of interpretation, key published tables for 1989 and 1990, including all trend tables, will show data computed on the basis of live births and fetal deaths tabulated by both race of mother and race of child. This will make it possible to distinguish the effects of this change from real changes in the data.

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

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

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

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



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

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

These reporting inconsistencies can result in systematic biases in infant mortality rates by specified race, in particular, under-estimates for specified races other than white or black. In the computation of race-specific infant mortality rates published in Vital Statistics of the United States, the race item for the numerator comes from the death certificate, and for the denominator, from the birth certificate. Biases in the rates may arise because of possible inconsistencies in reporting race on these two vital records. Race of the mother and father is reported on the birth certificate by the mother at the time of delivery; whereas race of the deceased infant is reported on the death certificate by the funeral director based on observation or on information supplied by an informant, such as a parent. Previous studies have noted that the race of an infant who died and was of a smaller minority race group to sometimes be reported as white on the death certificate, but as of the minority race on the birth certificate, resulting, in the aggregate, in understatement of infant mortality for smaller race groups (22).

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

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

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

Hispanic origin—Infant mortality rates for the Hispanic-origin population are based on numbers of resident infant deaths reported to be of Hispanic origin (see section "Hispanic origin") and numbers of resident live births by Hispanic origin of mother for the 43 reporting States and the District of Columbia. In computing infant mortality rates, deaths and live births of unknown origin are not distributed among the specified Hispanic and non-Hispanic groups. Because the percent of infant deaths of unknown origin for 1989 was 2.6 percent and the percent of live births of unknown origin was 1.1 percent, infant mortality rates by specified Hispanic origin and race for non-Hispanic origin are underestimated.

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

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

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

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

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

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

### **Fetal deaths**

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

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

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

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

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

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

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

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

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

Beginning with 1970 fetal deaths, procedures were implemented that attempted to separate reports of spontaneous fetal deaths from those of induced terminations of pregnancy. These procedures were implemented because the health implications 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 these areas require reporting of fetal death at gestations of 20 weeks or more. Table D shows the minimum period of gestation required by each State to report fetal death. Substantial evidence exists that indicates some fetal deaths for which reporting is required are not reported (28).

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

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

Arkansas—Since 1971, Arkansas has been using two reporting forms for fetal deaths: A confidential Spontaneous Abortion form that is not sent to the National Center for Health Statistics (NCHS) and a Fetal Death Certificate that is. During the period 1971 through 1980, it is believed that most spontaneous fetal deaths of less than 20 weeks' gestation were reported on the confidential form and, therefore, were not reported to NCHS. During the period 1981 through 1983, Arkansas specified that fetal deaths of less than 28 weeks' gestation or weighing less than 1,000 grams could be reported on the confidential form; beginning with 1984 data, the State specified that fetal deaths of 20 weeks' gestation or weighing 500 grams be reported on the Fetal Death Certificate. Because of these changes, the comparability of counts of early fetal deaths may be affected. In particular, counts of fetal deaths at 20 to 27 weeks for 1981-83 were not comparable between Arkansas and other reporting areas or with Arkansas data for 1984-89. It is believed that reporting has improved but is still not comparable with data for 1980 and earlier years.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Total-birth order—Total-birth order refers to the sum of the live births and other terminations (including both spontaneous fetal deaths and induced terminations of pregnancy) that a woman has had, including the fetal death being recorded. For example, if a woman has previously

given birth to two live babies and to one born dead, the next fetal death to occur is counted as number four in total-birth order.

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

Although all registration areas use the two standard items pertaining to number of previous live births, registration areas phrase the item on 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—Table 3-3 shows fetal deaths and fetal-death rates by mother's marital status. The following states were excluded from this table because their report of fetal death did not include an item on marital status: California, Connecticut, Maryland, Michigan, Nevada, New York (including New York City), Ohio, and Texas. Because live births comprise the denominator of the rate, marital status must also be reported for mothers of live births. Marital status of the mother of the live birth is inferred for States that did not report it on the birth certificate.

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

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 on the mother's date of birth, reported age of the mother (in years) is used. The age of the mother is edited in NCHS for upper and lower limits. When mothers are reported to be under 10 years of age or 50 years of age and over, the age of the mother is considered not stated and is assigned as follows: Age on all fetal-death records with age of mother not stated is assigned according to the age appearing on the record previously processed for a mother of identical race and having the same total-birth order (total of live births and other terminations).

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

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

#### Perinatal mortality

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

Variations in fetal death reporting requirements and practices have implications for comparing perinatal rates among States. Because reporting is generally 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 are other States. 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' gestation or more if the State requires reporting of all fetal deaths at a gestational age of 20 weeks or more or the fetus weighed 500 grams or more in those States requiring reporting of all fetal deaths regardless of gestational age. For Definition I, fetal deaths at a gestation not stated but presumed to have been of 20 weeks or more are allocated to the category 28 weeks or more, according to the proportion of fetal deaths with stated gestational age that falls into that category. For Definitions II and III, fetal deaths at a presumed gestation of 20 weeks or more are included with those at a stated gestation of 20 weeks or more.

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

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

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

## QUALITY OF DATA

### Completeness of registration

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

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

### Massachusetts data

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

### Alabama data

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

### Quality control procedures

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

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

demographic items on about 70-80 records per area per month were independently verified by NCHS. The estimated average error rate for all demographic items in 1989 was 0.25 percent.

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

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

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

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

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

Other control procedures—After coding and entering on data tape are completed, record counts are balanced against control totals for each shipment of records from a registration area. Editing procedures ensure that records with inconsistent or impossible codes are modified.

Inconsistent codes are those, for example, indicating a contradiction between cause of death and age or sex of the decedent. Records so identified during the computer editing process are either corrected by reference to the source record or adjusted by arbitrary code assignment (30). Further, conditions specified on a list of infrequent or rare causes of death are confirmed by the certifier or a State Health Officer. All subsequent operations in tabulating and in preparing tables are verified during the computer processing or by statistical clerks.

### **Estimates of errors arising from 50-percent sample for 1972**

Death statistics for 1972 in this report (excluding fetal-death statistics) are based on a 50-percent sample of all deaths occurring in the 50 States and the District of Columbia. A description of the sample design and a table of the percent errors of the estimated numbers of deaths by size of estimate and total deaths in the area are shown in the Technical Appendix From Vital Statistics of the United States, 1972, Volume II, Mortality, Part A.

## **COMPUTATION OF RATES AND OTHER MEASURES**

### **Population bases**

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

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

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

Technical Appendix From Vital Statistics of the United States, 1984, Volume II, and the report of the U.S. Bureau of the Census (31). Population data by race are consistent with the modified (see below) 1980 population by race.

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

Changes in reporting practices affected the racial counts of the 1980 census, particularly those of the Hispanic population. Changes in coding and classifying practices also impacted the racial counts in the 1980 census. One particular change created a major inconsistency between the 1980 census data and historical data series, including censuses and vital statistics. About 40 percent of the Hispanic population counted in 1980, more than 5.8 million persons, did not mark one of the specified races listed on the census questionnaire but instead marked the "Other" category.

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

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

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

Population estimates for 1971-79—Death rates in this volume for 1971-79 used revised population estimates that are consistent with the 1980 census levels. The 1980 census enumerated approximately 5.5 million more persons than had previously been estimated for April 1, 1980 (32). These revised estimates for the United States by age, race, and sex are published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, Number 917. Unpublished revised estimates for States were obtained from the U.S. Bureau of the Census. For Puerto Rico, the Virgin Islands, and Guam, revised estimates are published in Current Population Reports, Series P-25, Number 919.

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

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

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

#### **Net census undercount**

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

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

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

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

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

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

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

Among the age-sex-race groups, coverage was lowest for black males aged 40-44 and 45-49 years. Underenumeration for these groups was 19 percent. In contrast, white females in these age groups were essentially completely enumerated. For



black females and white males in these same age groups, the undercount ranged from 3 to 6 percent. For the under-1-year age group, the white population was overenumerated by 2 percent, whereas infants of other races were underenumerated by 9 percent.

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

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

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

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

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

## Age-adjusted death rates

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

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

## Life Tables

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

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

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

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

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

The geographic areas covered in life tables before 1929-31 were limited to the death-registration areas. Life tables for 1900- 1902 and 1909-11 were constructed using mortality data from the 1900 death-registration States—10 States and the District of Columbia—and for 1919-21 from the 1920 death-registration States- 34 States and the District of Columbia. The tables for 1929-31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959-61 were derived from data that include both Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. It is believed that the inclusion of these two States does not materially affect life table values.

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

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

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

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

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

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

covers the "true" rate.

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

covers the "true" rate.

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

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

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

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

#### SYMBOLS USED IN TABLES

Data not available----- ---

Category not applicable----- ...

Quantity zero----- -

Quantity more than zero but less than 0.05----- 0.0

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

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

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

Table B. Infant mortality rates by race of mother for the period 1984-85 and for birth cohorts, 1984-85; and ratio of birth cohort to period rates: United States  
 [Rates per 1,000 live births in specified groups]

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

NOTE: Births for race not stated are not distributed.

Table C. Infant mortality rates by specified Hispanic origin of mother for the period 1986 and birth cohort 1986; and ratio of birth cohort to period rates: Total of 18 reporting States and the District of Columbia, 1986

[Rates per 1,000 live births in specified group. Figures for origin not stated included in "All origins" but not distributed among origin groups]

Origin	Period rate 1986	Birth cohort rate 1986	Ratio cohort/ period rates
All Origins	10.2	9.9	0.97
Hispanic total	8.0	8.4	1.05
Mexican	7.7	7.9	1.03
Puerto Rican	8.6	11.8	1.37
Cuban	*	8.2	*
Other Hispanic <sup>1</sup>	9.1	8.4	0.9
Non-Hispanic total <sup>2</sup>	10.0	10.1	1.01
White	8.6	8.3	0.97
Black	16.9	17.8	1.05

<sup>1</sup>Includes Central and South American, and other and unknown Hispanic.

<sup>2</sup>Includes races other than white and black.

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

Area	All period of gestation	16 weeks	20 weeks	20 weeks or 350 grams	20 weeks or 400 grams	20 weeks or 500 grams	5 months	350 grams	500 grams
Alabama			X						
Alaska			X						
Arizona			X <sup>1</sup>						
Arkansas	X <sup>2</sup>								
California			X						
Colorado	X <sup>2</sup>								
Connecticut			X						
Delaware			X						
District of Columbia						X			
Florida			X						
Georgia	X								
Hawaii	X								
Idaho				X					
Illinois			X						
Indiana			X						
Iowa			X						
Kansas								X	
Kentucky				X					
Louisiana				X					
Maine	X <sup>2</sup>								
Maryland			X <sup>3</sup>						
Massachusetts				X					
Michigan					X				
Minnesota			X						
Mississippi				X					
Missouri				X					
Montana			X						
Nebraska			X						
Nevada			X						
New Hampshire				X					
New Jersey			X						
New Mexico									X
New York									
New York excluding NYC	X								
New York City	X								
North Carolina			X						
North Dakota			X						
Ohio			X						
Oklahoma			X						
Oregon			X <sup>4</sup>						
Pennsylvania		X							
Rhode Island	X								
South Carolina				X					
South Dakota									X <sup>5</sup>
Tennessee									X <sup>5</sup>
Texas			X						
Utah			X						
Vermont			X <sup>6</sup>						
Virginia	X								
Washington			X						
West Virginia			X						
Wisconsin				X					
Wyoming			X						
Puerto Rico							X		
Virgin Islands	X								
Guam			X						

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

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

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

